


STATE LIBRARY OF PENNSYLVANIA



3 0144 00348649 5

S
133.07
S013p





Digitized by the Internet Archive
in 2015

PROCEEDINGS

OF THE

SOCIETY FOR PSYCHICAL RESEARCH.

VOLUME XIII.

(CONTAINING PARTS XXXII-XXXIII.)

1897-8.

*The responsibility for both the facts and the reasonings in papers published
in the Proceedings rests entirely with their authors.*

LONDON :

KEGAN PAUL, TRENCH, TRÜBNER AND CO., LIMITED,
CHARING CROSS ROAD.

AGENTS FOR AMERICA : SUBSCRIPTION NEWS CO. (CHICAGO).

1898.



CONTENTS

PAGE

PART XXXII.

General Meetings	1
On the So-called Divining Rod, or <i>Virgula Divina</i> . By PROFESSOR W. F. BARRETT.	

BOOK I.

Part I. Introductory	2
Part II. Modern Literature on this Subject	12
Part III. Examination of Evidence	24
Part IV. Geological Opinion	220
Part V. Brief Survey of the Evidence	237
Part VI. Theoretical Conclusions	243
Appendix A. The Words "Dowse" and "Dowser"	256
Appendix B. Geological Opinion upon Underground Water	262
Appendix C. How the Rod is Held	266
Appendix D. The Sensations Alleged to Occur in Dowsing	272
Appendix E. Note on the Horsham Experiments	278
<i>Table of Contents</i>	281

PART XXXIII.

General Meetings	283
A Further Record of Observations of Certain Phenomena of Trance. By RICHARD HODGSON, LL.D.	

PART I.

1.	Introductory	284
2.	Development of Automatic Writing in Mrs. Piper's Trance	291
3.	History of the G. P. Communications	295
4.	Brief Accounts of Other Communicators	335
5.	The "Spirit" Hypothesis and the Hypothesis of Telepathy from the Living	357
6.	Indications that the "Spirit" Hypothesis is True	370
7.	Recent Changes in Mrs. Piper's Trance	407
	Detailed Reports of Sittings. Appendices I-IV.	413

SUPPLEMENT.

I.	Psychical Research in American Universities. By PROFESSOR HARLOW GALE of the University of Minnesota	583
II.	Reviews:—	
	Herr Edmund Parish's "Zur Kritik des Telepathischen Beweis Materiels." By MRS. H. SIDGWICK	589
	Dr. John L. Nevius's "Demon Possession and Allied Themes." By PROFESSOR W. ROMAINE NEWBOLD.	602
	Mr. F. Podmore's "Studies in Psychical Research." By ANDREW LANG	604
	Dr. R. Osgood Mason's "Telepathy and the Subliminal Self." By PROFESSOR JAMES H. HYSLOP	610
	Mr. W. T. Stead's "Letters from Julia: or, Light from the Borderland." By F. W. H. MYERS	612
	Dr. Louis Waldstein's "The Subconscious Self and its Relation to Education and Health." By F. PODMORE	614
	Mr. Andrew Lang's "The Book of Dreams and Ghosts." By J. G. SMITH	616
	Supplementary Catalogue of the Edmund Gurney Library	619
	Officers and Council for 1898	621
	List of Members and Associates	622
	List of Members and Associates of the American Branch	644

Amer. branch of the Soc. for psychical research 1234

ANNUAL REPORT

1910

PROCEEDINGS
OF THE
SOCIETY FOR PSYCHICAL RESEARCH,
PART XXXII.

PROCEEDINGS OF GENERAL MEETINGS.

The 85th General Meeting of the Society was held at the Westminster Town Hall on Friday, March 12th, 1897, at 8.30 p.m.; DR. A. WALLACE in the chair.

MR. F. W. H. MYERS gave an address on "Hysteria and Genius."

The 86th General Meeting was held in the same place on Friday, April 23rd, 1897, at 4 p.m.; the President, MR. W. CROOKES, F.R.S., in the chair.

A paper by DR. MORTON PRINCE, entitled "A Contribution to the Study of Hysteria and Hypnosis," was read by PROFESSOR SIDGWICK.

MR. F. W. H. MYERS concluded his address on "Hysteria and Genius."

ON THE SO-CALLED DIVINING ROD,
OR VIRGULA DIVINA:

A SCIENTIFIC AND HISTORICAL RESEARCH AS TO THE EXISTENCE AND PRACTICAL
VALUE OF A PECULIAR HUMAN FACULTY, UNRECOGNISED BY
SCIENCE, LOCALLY KNOWN AS DOWSING;

BY W. F. BARRETT,

Professor of Experimental Physics in the Royal College of Science for Ireland.

“There are two ways of investigating the facts or fancies about the divining rod. One is to examine it in its actual operation—a task of considerable labour, which will doubtless be undertaken by the Society for Psychical Research; the other, and easier way, is to study the appearances of the divining wand in history.”—A. LANG, *Custom and Myth*, p. 181.

PART I.

INTRODUCTORY.

At first sight few subjects appear to be so unworthy of serious notice and so utterly beneath scientific investigation as that of the divining rod. To most men of science the reported achievements of the “diviner” are on a par with the rogueries of Sir Walter Scott’s *Dousterswivel*. That any one with the smallest scientific training should think it worth his while to devote a considerable amount of time and labour to an enquiry into the alleged evidence on behalf of the rod, will appear to my scientific friends about as sensible as if he spent his time investigating fortune-telling or any other relic of superstitious folly. Nor was my own prejudice against this subject any less than that of others. For I confess that it was with great reluctance, and even repugnance, that, some six years ago, yielding to the earnest request of the Council of the S.P.R., I began an investigation of the matter; hoping, however, in my ignorance, that a few weeks’ work would enable me to relegate it

“Into a limbo large and broad, since called
The Paradise of fools.”

Moreover, geologists might well make an objection *in limine* to

any such investigation.¹ For it is a matter of common geological knowledge that the mode of distribution of underground water is very different from that imagined by the professional "diviner" or "dowser".² The latter with the utmost assurance locates a spring on a particular spot, and gives its exact depth from a foot to 100 feet, and its yield of water, and then probably will tell you there is another spring a few feet further off, perhaps at a very different depth, but that between no water will be found. Or, putting his interpretation on other indications of the rod, he will confidently assert that under his feet an underground river exists, yielding so many gallons per hour. By the same means he will profess to ascertain the direction in which the imaginary river is running, and give you its depth below the surface. Hard by he will trace other invisible streams, and follow them to their source, maintaining that a perfectly dry rock or sub-soil separates underground waters. Most of this is ridiculous to the practical geologist.³ Here, for example, is an extract from a letter I lately received from the Rev. Osmond Fisher, M.A., (author of *Physics of the Earth's Crust*), which gives the geological statement of the case with admirable clearness and brevity:—

Harlton Rectory, Cambridge, *February 4th, 1896.*

It appears to me that the assumption which underlies the belief in the divining rod is erroneous. It is only under exceptional circumstances, as among crystalline rocks, or where the strata are much disturbed, that underground water runs in channels like water in a pipe, so that a person can say, "I am now standing over a spring," whereas a few paces off he was not over one. What is called a spring, such as is reached in a well, is *usually* a widely extended water-saturated stratum. Ordinarily where water can be reached by a well, there are few spots [in the neighbourhood] where a well would not find it.

¹ Here is an extract from a recent letter from a well-known geologist:— "It is sad to find you troubling about that wretched divining rod! . . . Why is it that of late years this 'pestilent heresy' has cropped up so? And why are educated people bitten by it? Squires, M.P.'s, doctors, and alas, parsons!" As an instance of the general treatment of the subject by scientific men, I may refer to a recent letter from Mr. C. Tomlinson, F.R.S., in *Notes and Queries* for April 25th, 1896, p. 336. The writer quotes as fact a series of statements about the "rod," which a very brief investigation of the subject would have shown him to be entirely unfounded. Nevertheless, he says to those who give credit to the water-finders, and who point out that facts are stubborn things; "My answer is, *verification* of facts is still more stubborn," a sentiment which we all agree with, and wish all who write on this subject would attend to.

² The derivation of this word is obscure; the subject is discussed in *Appendix A.*

³ I have ventured to give in *Appendix B* a brief outline—based on the authority of eminent geologists—of the chief points at present known concerning the production and circulation of underground waters. The unscientific reader may thus be better able to appreciate, or to question, the orthodox geological view regarding the divining rod. References are there given to some standard works on underground water.

The question which is really worthy of investigation in this and similar cases seems to be how such an idea ever originated, and to what it owes its vitality.

Furthermore, if instances of the successful use of the divining rod be quoted, the geologist would doubtless reply that these are either shrewd guesses of the "diviner," or else purely cases of chance coincidence; the few successes being recorded, whilst the numerous failures are overlooked. This, indeed, is a common fallacy, for "the mind is arrested by the affirmative instances, whereas the numberless instances in which there is no correspondence between the one set of facts and the other, altogether escaped our notice."¹

Hence, from the geologist's point of view, the rod of the diviner is no more a mystery than the wand of a conjurer. So far as its use in finding water or mineral veins is concerned, the geologist argues that precisely the same degree of success would be obtained by tossing a coin, or throwing dice, and then sinking wells on the spots indicated by one's greatest luck in guessing.

Nevertheless it is impossible to read the voluminous evidence, collected with such painstaking care by Mr. Vaughan Jenkins of Oxford, which is given in Mr. Pease's S.P.R. report of thirteen years ago, without coming to the same conclusion as that arrived at by Mr. Pease, namely that:—"The evidence for the success of 'dowsing' as a practical art is very strong—and there seems to be an unexplained residuum when all possible deductions have been made."² Forty years ago, Dr. Mayo, F.R.S., arrived at a similar conclusion after experimental trials made with the rod both in England and abroad, and he published a paper on this subject in his entertaining little book *On the Truths contained in Popular Superstitions*. Prior to this, in 1814, Dr. C. Hutton, F.R.S., after examining the then accessible evidence on behalf of the divining rod and witnessing Lady Milbanke's success with the rod, published a statement of his own belief in the practical value of the divining rod, though unable to explain its behaviour.³

¹ Fowler's *Inductive Logic*, p. 239.

² *Proceedings S.P.R.*, Vol. II., p. 89. An abstract of the evidence collected by Mr. Vaughan Jenkins up to the date of Mr. Pease's report (January, 1884), is given in the *Proceedings S.P.R.*, Vol. II., pp. 90-107.

³ See Montucla's edition of Ozanam's *Mathematical Recreations*, translated and enlarged by C. Hutton, LL.D., F.R.S., Vol. 4, 2nd edition, Longmans, 1814. In the first edition of this translation, belief in the use of the "rod" is treated as absurd. When this view was challenged, Hutton made enquiries for himself, with the result stated above. He had the courage to publish his conviction in later editions of the book, pp. 216-231. See also on this Dr. Ashburner's edition of Reichenbach's researches, p. 91, and the *Quarterly Review* for 1822, p. 375, *et seq.* The writer in the *Quarterly* says, "The fact of the discovery of water being effected

And recently, in 1883, Dr. R. Raymond read a paper before the American Institute of Mining Engineers in which, after considerable investigation, the conclusion is arrived at:—"That there is a residuum of scientific value, after making all necessary deductions for exaggeration, self-deception, and fraud," in the use of the divining rod for finding springs and deposits of ore.¹ This testimony gains additional weight from the fact that Dr. Raymond is the distinguished secretary of that important Institute.

In like manner, it is impossible to study this subject *historically* without being impressed by the number of those who have accepted as indisputable the practical value of the rod, during the four centuries it has been in use. And these believers in its efficacy were not a set of silly, superstitious men, easily duped by cunning rogues,—credulous fools, capable of believing any nonsense;—on the contrary, among them were some of the most learned writers and the most painstaking investigators of their day, together with an array of practical miners and well-sinkers; men who ought to have known what they were talking about. The popular off-hand view about the rod—that it is merely another instance of the perennial superstition, or roguery, of mankind—seems therefore somewhat inadequate. For the curious problem that meets one in the examination of the subject is, not only the long survival and wide extent of the belief in the rod, but the singular and unselfish enthusiasm of its advocates, together with the general probity and intelligence of the "dowsers" themselves. Quakers, farmers, ladies, children, poor-law guardians, clergymen, magistrates, etc., are among the English dowsers of to-day, and these are not the class of people one would expect to find hoodwinking a gullible public. They may, of course, be the victims of self-deception; if so, does this also apply to the professional dowsers (in England alone I know of nearly twenty who make a living by their practice), whom numerous agents of estates and owners of land find it to their interest repeatedly to employ?²

by the divining rod, when held in the hands of certain persons, seems indubitable. . . . The faculty, so inherent in certain persons, is evidently the same with that of the Spanish Zahories, though the latter do not employ the hazel twig." This is much the same view as that taken by the editor of the *Spectator* in an article in that journal for October 14th, 1882. The Zahories, as will be seen in the sequel, I have traced back to a writer in the 16th century.

¹ Mr. Pease in his S.P.R. report refers to Raymond's paper, which I find was read a second time at the U.S. International Electrical Exhibition in 1884, and is again published in the *Journal of the Franklin Institute* for 1885. I shall return to this paper later on.

² I am glad to be able to bear testimony to the fact that several of these professional dowsers, notably those who have been most successful, are simple unassuming men, who do not disguise their ignorance, nor occasional failures, and are ready to impart all they know. On the other hand, as might naturally be

Furthermore, it is to be noted that at the present day, as in the past, those who have had the opportunity of examining most closely the practical use of the "dowser's art" are not to be found among the scoffers. The opinion expressed to me by many well-informed and critical observers who live in that region of the South West of England where the "rod" has been longest in use, and is still extensively employed, is by no means contemptuous or even unfavourable. Here, for example, is an extract from the *West Somerset Word Book*, by Mr. F. T. Elworthy (author of *The Evil Eye and Kindred Superstitions*), an able and impartial authority.

DOWSE [ɑæw'z], *v.* To use the divining-rod for the purpose of finding springs of water.

The faculty possessed by some individuals is truly marvellous, and is not to be explained by the ordinary method, of ascribing the action to chicanery, as the evidence to unbiassed minds is beyond cavil. Moreover, the power is not hereditary nor communicable. *Nascitur non fit.* The power of the *Dowser* to discover water is not merely a surviving superstition, but is believed in by hard-headed, practical men of the world, who still habitually pay their money for the advice of these men, and who have proved by repeated trials that it is always correct, and worth paying for.

Quite recently a Sanatorium was to be built upon a high and apparently very dry spot, where of course the first necessity was water. Three professional *Dowsers* were sent for separately, and unknown to each other. Each came on a different day from the others, and under the impression that he alone was being employed, with the result that all three pointed to the same spot, where a well was dug and abundant water found.

Inasmuch as one of my own daughters has the power to some extent, I am able to testify that trickery plays no part in the performance, and she herself is quite unconscious of anything by which the rod is acted on.

The rod or twig I have seen used is a fork of about a foot long, cut off just below the bifurcation, and in size each limb is about as large as a thick straw. The wood, it is said, must be either "halse" or white thorn, and may be used either green or dry. The operator holds an end of the twig firmly between the fingers and thumb of each hand, and with the elbows pressed rigidly against the sides; consequently the two ends of the twig are

expected, the possession of any peculiar "faculty" tends to inordinate self-conceit and vanity, especially among the illiterate class from whom the professional dowser is usually drawn. This is traceable from the 17th century dowser down to the present day. Among such men a great mystery is made of their "art"; an apprenticeship must be served, and initiation to its mysteries could, in former times, only be gained by a knowledge of the magic rites and ceremonies with which the practice was surrounded. At the present day these magic rites are swallowed up by the more magic dollar. For example, the son of an English rector having accidentally found he had the faculty of dowsing, the father tells me he applied for information to a young professional dowser—who certainly understands the art of self-advertisement,—and received the reply that "Mr. — declines to take less than one hundred guineas for giving the youth three months' training"! I hope the present paper may make such premiums a little more difficult to catch.

pulled asunder, with the centre, or juncture of the fork pointing downwards. He then moves very slowly forward, and when over a spring the twig turns outwards, and twists upon itself into an upright position. This movement may be repeated any number of times—the rod twisting over and over again upon reaching the same spot, and with equal freedom when both rod and fingers are held by sceptical witnesses. The position in which the twig is held seems to make it impossible that it can be turned by any conscious muscular action. Indeed both my daughter and the professional *Dowser* I have seen, assert that they cannot twist the rod by any conscious effort.

In some parts of the county the operation is called *Jowsing* and the operator a *jowser*.

Even the President of the Royal Geological Society of Cornwall, Mr. J. D. Enys, F.G.S., is not a scoffer; on the contrary he himself is an amateur dowser, and in a recent letter, writing from Penryn, Cornwall, Mr. Enys states, "I have tried it [dowsing for water] often. . . . On one occasion I cut a small slight rod and held it till I came to the place [where underground water existed], when it always acted by turning. On this occasion I was able to hold the rod, but it broke short off in front of my hands, and did so a second time in the same place. . . . I always feel the effects afterwards if I go on too long using the rod." This is another instance of the testimony afforded by a scientific man living in a locality where the rod has been in use for centuries. It is always ignorance, and not knowledge, that blindly denies what is unfamiliar.

Here then we find a widespread belief existing at the present day, and extending backwards for centuries; though it seem contemptible, how are we to account for the origin and survival of this belief, and for its appearance and persistence in regions remote from each other? As Dr. Lauder Brunton, F.R.S., has remarked *à propos* of this very subject—"when we find certain things implicitly believed in by some people, whilst they are laughed at as ridiculous and absurd by others, it is worth while to enquire whether there may not be an element of truth as well as of falsehood in both belief and ridicule. Ignorance is the parent both of blind belief and of scoffing scepticism, and leads not only to implicit belief in untruth, but also to a rash denial of what is true." One main object of our Society is to endeavour to dispel such ignorance by carefully examining, in the clearer light of the present day, the evidence that exists on behalf of phenomena rejected as trivial or valueless by orthodox science.

THE ROD MERELY AN INDICATOR OF SUBCONSCIOUS IMPRESSIONS.

It may, however, be asked in what way does the subject of the divining rod come within the scope of a Society for *Psychical*

Research? This I think will be evident in the sequel of this paper; here it is only necessary to point out that the rod, or forked twig, is not a chemical or physical re-agent indicating the object sought by some specific action of that object on the material of the rod. The rod must be regarded simply as the *indicator* of some action taking place upon or within the living mechanism of the individual who holds the rod; just as "planchette" or a tilting table is used to indicate muscular impressions made by, or through, the so-called "medium." In fact, the rod is not always used by the "dowser"; a piece of wire or watch-spring, or merely the out-stretched hands, are used by some of the most successful "diviners." Hence there can, I think, be little doubt that the subject we are discussing is a special case of that large group of phenomena belonging to our subliminal consciousness which Mr. F. W. H. Myers has done so much to elucidate: the movement of the rod being due to involuntary reflex action.

Some such view, I find, has been held by nearly all who have in recent years carefully considered the subject. Thus Dr. Lauder Brunton, F.R.S., says:—

"I am inclined to think that the success of the divining rod, in some hands, for finding water or even for tracing criminals, is due to its causing involuntary muscular action, and thus enabling the person using it to consciously recognise that impressions have been made upon him which would otherwise never have arisen above the state of sub-consciousness."

Dr. Brunton goes on to say: "When we hear that a man is able to discover water at a considerable distance below the ground on which he stands, we are at first apt to scout the idea as ridiculous, while if we were told that a caravan was crossing a desert, and that all at once the thirsty camels started off quickly, and at a distance of a mile or more water was found, we look upon the occurrence as natural. In the same way we regard as very remarkable the story of a man tracing criminals with a divining rod, but it becomes quite ordinary if we put a bloodhound in the man's place." In conclusion, Dr. Brunton remarks concerning the divining rod and the allied popular beliefs: "The whole subject is a deeply interesting one, and its thorough investigation is much to be desired."¹

The discovery of water or a mineral lode by a hazel twig, therefore, no longer becomes so absurdly improbable if it is the individual who is in some way the discoverer, and the rod merely the indicator of some impression made upon him, an impression too slight and too subtle to rise to the level of consciousness. After all, it is not the improbability of the quest that should deter us, it is simply a question

¹ Dr. Lauder Brunton on "Truth and Delusion," in the *Universal Review*, January, 1889. The *Quarterly Review* for July, 1895, p. 206, says "Dowsing . . . is either conscious imposture, or it is an act prompted by the sub-conscious element in the personality of the 'dowser.' . . . It is only a question of steady scientific examination, as in the study of any other condition of human faculty."

of what amount of trustworthy evidence exists upon the subject to make the quest worth pursuing.

NOMENCLATURE.

The term *divining rod* is unfortunate, and has probably led to a good deal of the opprobrium under which the subject rests, as it is frequently confounded with the ancient superstitious practice of divination by a rod, or Rhabdomaney, one of the oldest methods of augury (Hosea iv., 12, or by arrows as in Ezekiel xxi., 21). The considerable literature of Rhabdomaney is a distinct question, and it need hardly be said, of no value to physical science.¹

A rod or wand was not only used for divination, it was and is, the symbol of power; as in Exodus iv., 17, 20; Psalm xxiii, 4, etc., as in the *lituus* of the Roman augur, in the pastoral staff of a bishop, in a monarch's sceptre or in the special constable's staff of to-day.² The Arch-Druid's wand is another instance of this, and the conjurer's wand is a survival of the same thing; even the native Irish name for the latter is *Slaitin Draoidheachta*, Druid's wand, or *virgula divinationis*. On this subject Mr. Lang has given us the benefit of his scholarship in a passage I have quoted in the foot-note below.³

¹ The most learned and exhaustive work on ancient divination is that by M. Bouché-Leclercq, entitled *Histoire de la Divination dans l'Antiquité*, 4 vols., Paris, 1880. Lenormant in his *Chaldean Magic* refers to the use of rhabdomaney among the Chaldeans. (Eng. trans., p. 237). See also article *Divination* in Smith's *Dictionary of the Bible*, and Mr. Myers' brilliant essay on *Greek Oracles*. Brand's *Popular Antiquities* contains a lengthy and erudite article on rhabdomaney, in which reference is made to the divining rod (Vol. II., p. 622.) The most concise and excellent article on Divination which I have met with is that in *Chambers' Encyclopædia*.

Even among the Mongol tribes, inhabiting the eastern portion of the plateau of central Asia, divination is rife, as that able and devoted missionary, the Rev. J. Gilmour, M.A., shows in his remarkable work *Among the Mongols*. Mr. Gilmour says (p. 188) that the Mongols expected him to divine for them where to sink their wells so as to get a good water supply, or where to find any lost cattle, etc., and when he confessed his inability to do so, their amazement and incredulity were profound.

² There are, I find, some 130 references to a "rod" or "staff" as a symbol of authority or power in the Old Testament alone. There has recently been added to the South Kensington Museum "a sceptre of blue glazed ware made for Amenhotop II., of the 18th Dynasty, from the temple of Nubt." This sceptre is some 7 feet high, thicker than the girth of one's arm and shaped like a huge shepherd's crook or pastoral staff. The symbolical, sacred, or magical power of a rod or crook is therefore as ancient as it is widely diffused. What gave rise to this is an interesting question.

³ "In all countries rods or wands, the Latin *virga*, have a magical power. Virgil obtained his mediæval repute as a wizard because his name was erroneously connected with *virgula*, the magic wand. But we do not actually know that the ancient wand of the enchantress Circe, in Homer, or the wand of Hermes, was used, like the divining rod, to indicate the whereabouts of hidden wealth or water. In the Homeric hymn to Hermes (line 529), Apollo thus describes the *caduceus*,

Instead, therefore, of the word "divining rod," I would suggest the use of the provincial word *dowsing-rod*, or of the term *winchel-rod*: the former is common enough and the latter has been, and still is, used in certain parts; it was, I believe, first employed by a writer in a book translated from the German, called the *Laboratory*, published in 1740. The word probably arose from the German name for divining rod, *Wünschel-ruthe*, the pronunciation being similar. One writer, however, attributes the word, less probably, to the English *winch*, as the rod turns over hidden springs.¹

AUTOSCOPES.

As the divining rod is only one of many instrumental means, whereby imperceptible, involuntary, and unconscious muscular movements are revealed by the visible motion of an external object, it is desirable to group these various appliances under a generic name. I would suggest for this purpose the term AUTOSCOPE.² Other autoscopes besides (1) the divining or dowsing rod, are, (2) a little ring or ball suspended by a thread, the *pendule explorateur* of French writers, the use

or wand of Hermes: 'Thereafter will I give thee a lovely wand of wealth and riches, a golden wand with three leaves, which shall keep thee ever unharmed.' In later art, this wand or *caduceus*, is usually entwined with serpents; but on one vase, at least, the wand of Hermes is simply the forked twig of our rustic miners and water-finders. The same form is found on an engraved Etruscan mirror.

"Now, was a wand of this form used in classical times to discover hidden objects of value? That wands were used by Scythians and Germans in various methods of casting lots is certain; but that is not the same thing as the working of the twig. Cicero speaks of a fabled wand by which wealth can be procured; but he says nothing of the method of its use, and possibly was only thinking of the rod of Hermes, as described in the Homeric hymn already quoted. There was a *satira*, written by Varro, called *Virgula Divina*; fragments remain, but throw no light on the subject. A passage usually quoted from Seneca has no more to do with the divining rod than with the telephone. Pliny is a writer extremely fond of marvels; yet when he describes the various modes of finding wells of water, he says nothing about the divining wand. The isolated texts from Scripture which are usually referred to clearly indicate wands of a different sort."—*Custom and Myth*, p. 182.

¹ Other terms used in old time for the divining rod were Aaron's rod, Moses' rod, and Jacob's rod. A work on the divining rod was published in Lyons in 1693, and an English translation called *Jacob's Rod* has been made by a Mr. Welton. The fact that the divining rod was in old times often called "Moses' rod" doubtless arose from the description given in the book of Exodus of Moses obtaining water in the wilderness by means of his rod, irreverent persons concluding he had learnt the use of the divining rod whilst in Egypt.

² In physical science the termination "scope" (Gr. *σκοπεῖν* to view) is restricted to instruments which reveal or detect a hidden object or force, and do not measure the amount of the force, *c.g.*, magnetoscope, electroscope, etc. The word *Cryptoscope*—instrument for showing hidden things,—is for some reasons preferable to *autoscope*, but it has already been adopted by some French writers for the fluorescent screen used with the X-rays.

of which goes back at least to the fourth century;¹ similar to this is (3) a poised index, or a simple pointer, traversing the letters of the alphabet, (4) a pencil lightly and passively held so that it can write on note-paper, (5) planchette, (6) a small table, or other object such as a chair,² easily tilted or rotated (table-turning, etc.), (7) a passive living person lightly touched by another, as in the "willing game," where a hidden object is found, or a secret command obeyed by the quasi thought-reader, or living autoscope.

Doubtless other autoscopies exist, or will be invented, but, however different in detail, there are, broadly speaking, only two distinct kinds, (a) those wherein the indicator is in *stable* or neutral equilibrium, as the pendule or planchette, and where a succession of ideas may be conveyed by a series of uninterrupted movements, (3) those wherein the indicator, or the muscular system of the person using the indicator, is in a "sensitive" state, *i.e.*, one of balanced strain or *unstable* equilibrium.³ Here a slight impulse, or nervous stimulus, may produce a profound effect, the displacement not being in the least proportional to the force that initiated it. Autoscopies of this class, which convey only a single idea, require to be restored to their initial condition by an independent operation, before a second displacement can occur or a second idea be conveyed. I shall show later on that, if rightly held, the forked dowsing or divining rod belongs to this class. It is in this class we should expect to find that any sense perceptions, which are too faint to excite consciousness, would probably reveal themselves.

Here permit a brief digression. Our conscious personality speaks through various *voluntary* muscular movements, ideas chiefly expressing themselves in articulate language. The large unconscious background of our personality always speaks through *involuntary* muscular movements, to which ordinarily we give no heed, though these movements are ever going on within us, and if external are generally imperceptible. Now if reasoning, as we know it, cannot exist without language, which need not be speech but some form of expression, then autoscopies furnish a means whereby the hidden part of our personality, the dumb partner of our life, can reason and outwardly express itself ;

For a modern illustration of the use of the *pendule*, see the *Reminiscences* of the late Mrs. De Morgan, p. 214.

² *Juanita* was the name given to a *chair* in Guadalupe in 1853, which composed prose and poetry after the manner of planchette. "Les œuvres littéraires de la chaise," are set forth in a brochure published at the Government printing office in Guadalupe, in 1853.

³ In the region of physics, an inverted cone, a Rupert's drop or a sensitive flame are familiar examples of bodies either in unstable or *poised* equilibrium.

a means whereby an intelligence not under our conscious control can reveal itself by some physical manifestation.

It is just because these manifestations appear to be so novel, and detached from ourselves, that they are apt to be so misleading to some and so mischievous to others. Interpreted on the one hand as the play of a wonderful occult force, science has refused to have anything to do with phenomena which seem to obey no physical laws, but are capricious and self-determined. Interpreted on the other, truly enough, as the exhibition of a free and intelligent agent, some infernal or discarnate spirit has been fixed upon as the cause, and a fictitious authority for which there is no warrant has been given to their indications. Whether in any case these intelligent automatic movements exhibit information outside the memory, either active or *latent*, of the individual who uses the autoscope; or a knowledge beyond that which may have been unconsciously derived from those present by sign-reading or thought-transference, is a problem which can only be solved so as to gain general acceptance by long and patient enquiry, of which our *Proceedings* are an earnest, and to which this monograph may afford a small contribution.

PART II.

The literature of the divining rod is extensive, and several modern writers have given historical outlines of this subject. But upon comparing these accounts it soon became evident that they were all, more or less, drawn from some earlier historian. I therefore devoted part of two summer vacations to a thorough historical examination of this subject, and thanks to the valuable libraries to which I have had access in London, Liverpool, and Dublin, I venture to hope that the historical survey appended to this paper is somewhat more complete and exact than its predecessors. In connection with this part of my task, most grateful acknowledgements are due to my friends, the Rev. Maxwell Close, M.A., and Mr. E. Westlake, F.G.S., for their kind and valuable co-operation; the latter devoting many weeks to this work at the British Museum Library.¹

The historical evidence adduced in the sequel—some of which has

¹ My hearty thanks are also due to the various able and courteous Librarians, more especially to those in Dublin. The library in Trinity College, and Archbishop Marsh's library, Dublin, are particularly rich in 16th and 17th century literature; the latter has some works which apparently are not in the British Museum library. I am also indebted to the National Library of Ireland and to the scientific libraries at the Royal Irish Academy, the Royal Dublin Society, and the Royal College of Science for Ireland, and to the valuable Picton Library in Liverpool, etc.

hitherto escaped observation—renders the following facts, in my opinion, practically certain: (1) The birthplace of the modern divining or dowsing rod is the mining districts of Germany, probably the Harz mountains. Germany is the home of mining, and the most approved processes were in use there prior to elsewhere. (2) The first record of the use of the dowsing rod was for mining purposes and dates from late in the 15th or early in the 16th century, though it must have been in use for at least a generation before this. Its introduction was coincident with, and perhaps a symptom of, that great movement of thought in Germany when tradition began to give way to reason, and superstition to the observation of nature. (3) The use of the dowsing rod for finding mineral veins was introduced into England, by German miners, at the latter part of the 16th century, and early in the 17th century its use in Cornwall for mining is noticed by some English writers. (4) The employment of a rod for finding underground water possibly began in Germany, but at least a century later than its use in mining. At the present time the dowsing rod is far more in use for the former purpose (water-finding) than for the latter. (5) The use of the rod in the “moral world,” for detecting criminals, etc., was a phase which arose towards the end of the 17th century and quickly passed away; its use for this purpose (but this *only*) being condemned by a decree of the Inquisition in 1701. (6) To A. Kircher and G. Schott, about 1660, we owe the theory of unconscious muscular action as the explanation of the *pendule explorateur*, which they connect (but obscurely) with the motion of the divining rod. By Malebranche and Lebrun in 1692 the importance of the prior *intention* of the diviner as to the object of search was first pointed out.

Postponing to the conclusion a detailed account of the early history of this subject, it will be convenient, before entering upon an examination of the evidence on behalf of a dowsing faculty and how far it is of practical value, to give an outline of what has been written on the subject in comparatively modern times, that is, since the first scientific investigation of the question by Dr. Thouvenel a century ago.

MODERN LITERATURE ON THIS SUBJECT.

The standard treatise on the subject is usually considered to be a work by M. Chevreul, entitled *La Baguette Divinatoire*, Paris, 1854.¹ The immediate cause of Chevreul's treatise was a paper presented to the French Academy of Sciences, in March, 1853, by a M. Riondet,

¹ Chevreul, as is well known, was a distinguished French chemist, the author of numerous scientific papers on colour and the artistic and industrial applications of chemistry. He died in 1889 at the age of 103 years, retaining his faculties and industry almost to the last.

entitled *Sur la baguette divinatoire employée à la recherche des eaux souterraines*. As usual in such cases, the Academy ordered a report on this paper to be made, and nominated for this purpose three eminent scientific members of its body, MM. Chevreul, Boussingault, and Babinet. M. Chevreul was requested by his colleagues to draw up the report, which led to the publication of his book on the subject. The author states he found it impossible to dissociate the movement of the *baguette* from that of the *pendule explorateur* and table-turning; these subjects therefore occupy a considerable part of his work. (Meanwhile M. Riondet's paper seems to have been forgotten, for it is not discussed by Chevreul and no publication nor summary of it,—nor of a subsequent paper which M. Riondet sent in,—was made in the *Comptes Rendus* of the Academy). Chevreul's book was certainly useful in drawing attention to, and examining, a wide-spread belief which hitherto had not been seriously discussed by any writer of recognised scientific position. But its importance has, I think, been largely over-rated; it was believed to be the first attempt to give a rational explanation of the movement of the rod; but this is an erroneous belief; as Kircher, I find, anticipated Chevreul by two centuries. Chevreul is content with the popular view that the indications afforded by the rod are always fallacious; hence he gives no modern evidence of its success or failure, and makes no experimental examination for himself. The historical portion of his book up to the year 1700 is also largely derived from a remarkably learned but little known work by Father Pierre Lebrun, S.J., entitled *Histoire Critique des Pratiques Superstitieuses*, etc., Paris, 1702, a work I shall have occasion to refer to later on. Lebrun was evidently a man of great intellectual power and wide reading, and I do not wonder at Chevreul dedicating his treatise to the memory of this erudite Jesuit.¹

Subsequent writers (with one or two rare exceptions, such as Mr. A. Lang), have been content with copying Chevreul, often at second or third hand. The Rev. S. Baring-Gould, for example—whose interesting and lengthy article on the divining rod in *Curious Myths of the Middle Ages*, London, 1868, is probably the best known essay on the subject to English readers,—appears entirely indebted to a recent popular and excellent French author, M. Louis Figuier,² though he does not acknowledge the source of

¹ Some ten years prior to the publication of Lebrun's *Histoire*, etc., the Abbé de Vallemont published a work called *La Physique Occulte, ou traité de la Baguette Divinatoire*; the latter part of this work contains an even fuller historical review of the subject than that given by Lebrun, who, in his turn, had doubtless borrowed largely from De Vallemont. I shall return to De Vallemont's work in the historical review at the end of this paper.

² Not primarily to Chevreul, as Mr. Lang suggests in his *Custom and Myth*, page 188. Why does Mr. Lang always write "Chevreuil"?

his information. M. Figuier's work is called *Histoire du Merveilleux dans les temps modernes*, Paris, 1860, and half of the second volume is devoted to the divining rod. Though Figuier relies on De Vallemont for most of his historical data and on Chevreul for his theory of the rod, yet his work is *by far the best* memoir on our subject that has yet appeared; he makes, however, no attempt to collect or discuss evidence of the practical value, or otherwise, of the rod.

Perhaps the most extraordinary medley ever put together on the divining rod is an article by Professor Fiske, of Harvard, called the "Descent of Fire," in his interesting volume, *Myths and Myth-makers*, the 18th edition of which is dated 1893. Having once met a "water finder" whom he promptly proved to be a rogue by showing that the rod would not move when he (Professor Fiske) used it, and having read that "learned author," Mr. Baring-Gould, Professor Fiske feels himself qualified to clear up the subject. Accordingly he tells us that as the divining rod "has been used in Europe from time immemorial," and as "the one thing essential about it is that it shall be *forked*," it is obvious that its origin, "hopeless as the problem may at first sight seem," is "nevertheless solved:"—it is, he says, unquestionably the wooden incarnation of forked lightning! There was, however, he finds subsequently, "one exception to this rule of a forked rod, and if any further evidence be needed to convince the most sceptical that the divining rod is nothing but a symbol of the lightning, that exception will furnish such evidence."¹ So much for "myths and myth-makers."

Mr. A. Lang has a capital though brief essay on the rod in his *Custom and Myth*, London, 2nd edition, 1885 (a reprint of an article which appeared in the *Cornhill Magazine* for January, 1883). I am glad to find that the view already expressed as to the irrelevancy of discussing rhabdomancy in connection with our present subject has the support of Mr. Lang; every other writer follows the lead given by Father Lebrun, and mixes up these two entirely distinct questions. I have already quoted from Dr. Mayo's excellent essay on the rod contained in his book on *Popular Superstitions*; this essay originally appeared in *Blackwood's Magazine* for February, 1847, under the *nom de plume* of "Mac Davies," and was copied into Littell's *Living Age* of April the same year.

One of the latest scientific essays on our subject is the paper by Dr. Rossiter Raymond of New York, read before the American Institute of Mining Engineers, and already mentioned on p. 5. This

¹ It need hardly be said that Professor Fiske's alleged facts are as mythical as the origin he claims for the rod, which is based on Dr. Kuhn's work, *Die Herabkunft des Feuers*.

is a serious and thoughtful attempt to investigate the subject; contemporary evidence, though not adduced, has been considered by the author, and his conclusion has already been stated. The bulk of his paper is historical, and this part, as Dr. Raymond frankly says, is derived from Chevreul and Figuier. The same parentage is traceable in other writers, to whom I need not refer. An exception to this rule is the excellent, though brief, article on the divining rod in the *Penny*, now the *English Cyclopædia*; the only English encyclopædia I can find that contains anything of value on this subject. One or two historical references to the rod occur at the end of the article *Hazel* in the *Encyclopædia Britannica*.

De Quincey has several references to dowsers and dowsing, or jowsing, as he terms it, in his writings. Thus, in *Modern Superstitions*, he writes :—

There are in England (especially in Somersetshire) a class of men who practise the Pagan rhabdomancy in a limited sense. They carry a rod or rhabdos (ῥάβδος) of willow: this they hold horizontally; and by the bending of the rod towards the ground, they discover the favourable places for sinking wells; a matter of considerable importance in a province so ill-watered as the northern district of Somersetshire. These people are called *jowers* [*dowers*]. The experimental evidences of a real practical skill in these men, and the enlarged compass of speculation in these days, have led many enlightened people to a stoic ἐποχή, or suspension of judgment, on the reality of this somewhat mysterious art.

In a foot-note to this passage De Quincey says :—

For twenty miles round Wrington, in Somersetshire, the birth-place of Locke, nobody sinks for wells without their [the dowers'] advice. I myself knew an amiable Scottish family, who, at an estate called Belmaduthie, in memory of a similar property in Ross-shire, built a house in Somersetshire, and resolved to find water without the help of the "jowser." But after sinking to a greater depth than ever had been known before, and spending a large sum of money, they were finally obliged to consult the jowser, who found water at once.

Again, in his *Confessions of an Opium Eater*, page 84, De Quincey speaks of the value of "jowsing" to the inhabitants of Somersetshire, and remarks :—

I have myself not only seen the process tried with success, but have witnessed the enormous trouble, delay, and expense accruing to those of the opposite faction who refused to benefit by this art. To pursue the tentative plan (*i.e.*, the plan of boring for water at haphazard) ended, so far as I was aware, in multiplied vexation. In reality, these poor men are, after all, more philosophic than those who scornfully reject their services. For the artists obey unconsciously the logic of Lord Bacon: they build upon a long chain of induction, upon the uniform results of their life-long experience. But the counter-faction do not deny this experience; all they have to allege is that, agreeably to any laws known to themselves, *à priori*, there ought not

to be any such experience. Now, a sufficient course of facts overthrows all antecedent plausibilities. Whatever science or scepticism may say, most of the tea-kettles in the Vale of Wrington are filled by rhabdomancy.

Among English scientific works the only one I can find that gives an account of the dowsing rod is the great treatise on *British Mining*, published in 1884, by the late Robert Hunt, F.R.S., keeper of the Mining Records. The author treats the indications of the rod as illusory, but devotes considerable space to quotations showing the use of the rod, taken from Agricola's work on mining of the 16th century, and Pryce's well-known folio on Cornish mining of the 18th century; these works are fully noticed in the Historical Survey appended to this research.

The English scientific societies have as a rule given the subject a wide berth.¹ Nevertheless, a few stray papers on the divining rod are to be found in their *Proceedings*. Thus, to go back to 1814, the *Transactions of the Geological Society*, Vol. II., contain illustrations of the practical use of the rod in a paper by Mr. W. Phillips, who had also previously contributed an interesting article on the subject to *Tilloch's Philosophical Magazine* for 1801, Vol. XIII. The *Quarterly Mining Review* for 1830 has also a lengthy article on the dowsing rod, several instances being given of its successful use in the discovery of mineral lodes, the same spot being indicated even when the dowser was blindfolded. In the *Proceedings of the British Association* for 1875, Miss A. W. Buckland alludes to the divining rod in a paper on Rhabdomancy, but is evidently mistaken in the origin to which she traces the rod; in a letter Miss Buckland contributes to the *Standard* newspaper for January 3rd, 1889, she gives a striking instance of the practical value of the rod in finding water, the spot indicated by the dowsing rod yielding a good water supply on a well being sunk, whereas close by a well sunk to a greater depth was quite dry. The numerous other similar cases I shall be able to cite render it less probable that this is a case of mere chance coincidence. In the *Proceedings of the Bristol Naturalist's Society* for 1874, Messrs. Tawney and Pass relate experiments with a dowser finding hidden coins, and they attempt to explain away the considerable degree of success attained, but the result was probably due to unconscious indications given by the spectators, or to true thought-transference; when both of these are excluded the failure of such experiments is invariable and complete, as will be shown in the course of this paper. Experiments of this kind are misleading, as they have really nothing to do

¹ In the *Philosophical Transactions* of the Royal Society for 1666 (Vol. I., p. 333) will be found a question by the Hon. Robert Boyle as to whether the *virgula divina* is of use in finding mineral veins. This famous philosopher devotes some space to the divining rod in his *Philosophical Essays*, as will be seen in the concluding part.

with whatever peculiar faculty the dowser may possess for detecting underground springs or veins of ore. In the *Proceedings* of the same Society for 1884 is a paper by a distinguished geologist, Prof. Sollas, F.R.S., on the result of the experiments he made at the request of the S.P.R. to test a dowser at Locking, Somerset. The substance of this paper appeared in Vol. II. of our own *Proceedings*. Prof. Sollas arrives at a conclusion adverse to the dowser, but, with all deference, I venture to submit that a more inconclusive paper has rarely been published by a scientific authority. In the *Proceedings of the Bath Natural History Society and Field Club* for 1889, Vol. VI., is a lengthy paper on the dowsing rod by Mr. Forder Plowman; several cases of more or less evidential value are quoted by the author, who is a warm believer in the indications afforded by the rod. At the Folk Lore Congress in 1891, Miss M. R. Cox read a paper on dowsing, which is published in their *Proceedings*, and in the *Wiltshire Notes and Queries* for 1893. The paper deals with a dowser, W. Stokes, and relates some remarkable successes which had attended his practice. A good picture is given showing the method of holding the rod employed by Stokes in dowsing.

In 1853 a Mr. F. Phippen published a brochure entitled, *Narrative of practical experiments proving to demonstration the discovery of water, coal, and minerals in the earth by means of the dowsing fork or divining rod*. Mr. Phippen being on a visit to Somersetshire heard and saw so much of the practical use of dowsing that he wrote a full report of his enquiries in the *Morning Chronicle* and *Morning Advertiser* of November 15th, 1844. He gives many facts that came under his own observation, and quotes some cases of evidential value that I have included in the subsequent record of experiments. An excellent frontispiece, by A. Crowquill, shows a "dowser" at work, the flexed arms being held tightly to the sides of the body, and the prongs of the fork (which is of larger size than those now generally used) passing between the index and the next finger of each hand. This is not the method of holding used by Stokes, pictured by Miss Cox; in fact at the present day the method of holding the rod varies with the individual dowser.

Another method of holding the forked twig is described in a little book on the divining rod, written by two amateur dowsers, Messrs. Young and Robertson, of Llanelly, South Wales, and recently published. This brochure is not in any sense a critical or scientific production, but it is of interest as presenting the experience of two men who are enthusiastic believers in the practical value of the rod, and have at considerable self-sacrifice freely given their neighbours the benefit of the peculiar faculty which they, in common with other successful dowsers, appear to possess. A straight rod, as well as a forked twig,

and even a tiny (waistcoat pocket) fork of aluminium, are used indifferently by Messrs. Young and Robertson.¹

Notes and Queries contain frequent references to the divining rod. By far the most useful are two papers by Mr W. Bates of Birmingham (*Notes and Queries*, Vol. X., 1854, pp. 449 and 467). Mr. Bates gives some valuable bibliographical memoranda which I have not found in any other writer and to which I refer those who are interested.²

The subject of the divining rod was discussed and several well-authenticated cases quoted in the *Standard* newspaper during the last week of 1888, and the first of 1889. A still longer discussion took place in the *Mining Journal* for 1875, to which reference will again be made. From time to time ephemeral articles on the divining rod are to be found in magazines, etc., to which it is needless to refer; a list of these will be found in Poole's *Index to Periodical Literature*.

In the United States the *American Journal of Science* (Silliman's Journal), the leading and authoritative American scientific journal, contains a capital paper on the rod by (the Rev.) Ralph Emerson, in 1821,³ and a long and able discussion of the subject in 1826. I shall return to these. There are also papers on the rod and its use in finding oil springs, as well as water and mineral veins, in other American magazines of more recent date; notably a lengthy article in the *Democratic Review* for 1850, which refers to the use of a new type of divining rod, or ball, similar to the *pendule explorateur*.

In 1876, Mr. Chas. Latimer, an American Civil Engineer, published an essay on the divining rod which contains an interesting record of his own experience. Having accidentally discovered that the rod moved in his own hands, he was led to try whether its indications were of any practical use, and the experiments which he narrates

¹ I have had a long correspondence with Mr. Young, who has given me many instances of his success in dowsing for water. I may add that, though self-taught, and with few opportunities, Mr. Young has devised and carried out some extremely interesting and novel experiments in electricity.

² Every series of *Notes and Queries*, except the third, contains much useful information on the divining rod. Having examined all the references, it may save trouble to others if I name only the more important notes. *Notes and Queries*.—1st Series (1853), Vol. VIII., 400, 479, 623; Vol. X. (1854), 18, 155, 449, 467. 4th Series (1873), Vol. XII., 412. 5th Series, Vol. V. (1876), 507; Vol. VI., 19, 33, 150, 210; Vol. X. (1878); 295, 316, 355. 6th Series, Vol. VI. (1882), 325. 7th Series, Vol. VIII. (1889), 186; Vol. IX. (1890), 214, 338; 8th Series, Vol. III. (1893), 107; Vol. IX. (1896), 266, 335.

³ This is not Ralph Waldo Emerson, but an able contemporary of his, who entered the ministry a little earlier than his more famous namesake.

convinced him that it was. The involuntary movement of the forked twig enabled him to discover underground springs in places where his conscious experience and judgment would not have led him to locate them. He also arrived at a method of estimating their depth below the surface. I will quote the evidence of an eye-witness to Mr. Latimer's powers later on. I have before me numerous cuttings from American newspapers which illustrate the fact that "water-witching," as they call it, is in considerable vogue in certain parts of the United States.

On the Continent the old province of Dauphiny corresponds to our Somersetshire as regards the esteem in which the divining rod is held and the number of "diviners" for which it has been remarkable; they were known by the name of *tourneurs*, or more frequently *sourciers*. It was in Dauphiny that the charity boy Bléton was born, and at the age of seven years found he could successfully discover underground springs and streams by means of the divining rod. In the year 1780 a distinguished physician, Dr. Thouvenel, having heard of Bléton, sent for him, and was so struck with the simplicity of the lad and his frank demeanour, that he determined to see what truth there was in his alleged powers. The result was a prolonged investigation, which satisfied Thouvenel that the lad had the power imputed to him, and he published a short treatise on the subject, entitled *Mémoire Physique et Médicinal, montrant des rapports évidens entre les phénomènes de la Baguette divinatoire, du Magnétisme et de l'Electricité, etc.*, Paris, 1781. Three years later, M. Thouvenel, whose adherence to *Blétonisme*, as it was called, had drawn on him a host of antagonists, published a *Second Mémoire Physique, etc.*, Paris, 1784, giving affidavits regarding Bléton's discoveries, and a narrative of his experiments with Bléton and another Dauphiny youth, named Pernet, whom he found similarly endowed.¹ Thouvenel was the first to submit the alleged claims of the divining rod to systematic scientific investigation, and though his work is to some extent vitiated by the erroneous theory which pervades it, still it is fair and scientific in tone, and animated by the spirit of the true philosopher, who, as Laplace has well said, "should not deny any phenomena merely because in the actual state of our knowledge they are inexplicable." The best summary of Thouvenel's treatise will be found in the *Monthly Review* for 1781 *et seq.*, appendix to Vols. 65, 67, and 71; a briefer account is given by Dr. Ashburner in his English edition of *Reichenbach's Researches*, p. 96 *et seq.*, and

¹ The author of these works was well known to be Dr. Thouvenel, although on the title page of both is only put "par M. T*** D. M. M." Both these *Mémoires* are in the British Museum Library where I have read them), but they are difficult to find in the catalogue.

by Mr. Bates in *Notes and Queries*, 1854, p. 449, and by Baring-Gould and Chevreul.

Some of Thouvenel's experiments with Bléton I will quote later on. The interesting point in the case of Bléton is that, like some "diviners" of the present day, he cared little for the rod, which in his case was merely a bit of stick lying horizontally upon the fore-fingers of the two hands, and served simply as a visible *index* of an internal "commotion," the access of which he could neither account for nor control. In addition to some 600 experiments with Bléton, Thouvenel sent circulars to all he could find who had employed the lad to discover water, etc., and obtained a multitude of testimonies of his success—often when all other means had failed—from learned and critical persons as well as others. Two *savants*, M. Jadelot, Professor of Medicine at Nancy, and M. Sigaud de Lafond, then took up the matter, and after numerous experiments joined Thouvenel in ardent support of Bléton's mysterious powers.

Thouvenel, having moved his residence to Italy, invited several distinguished *savants* of that country to test his new *sourcier* Pennet, whom he brought with him. Amongst those that responded was Spallanzani, who, whilst astonished at what he saw, did not consider the experiments conclusive, and finally decided against the reality of the indications of the rod, as a new form of "hydroscope." In the *Mémoires* by Fortis, 1802, quoted by Chevreul, the discussion is continued, and several other "sensitives" are named by the author who could find underground water by the peculiar sensations they experienced.

Few more instructive instances of the effect of prejudice on scientific judgment could be found than in this famous discussion a century ago. Thus the astronomer Lalande, in a letter to the *Journal des Savants*, for August, 1782, denies Bléton's power, and asserts that the baguette turns merely by the adroitness with which Bléton handles it. He then proceeds to demonstrate the roguery of Bléton by showing that an almost imperceptible muscular effort can cause a curved twig (such as Bléton generally used) to rotate when resting on the fingers. Other scientific men took the same line, and when a mannikin was made which, by mechanism, could turn the baguette like Bléton did, the proof appeared complete; after this believers like Thouvenel could only be fools or knaves! Others again demonstrated Thouvenel's electrical theory of the rotation of the baguette to be baseless, and hence concluded that the facts themselves had no foundation. All these *savants*, starting with the *à priori* conclusion that the alleged facts were impossible, did not consider it necessary to examine the evidence as to the facts, and, moreover, they appeared to forget that Bléton often used no baguette at all, and always regarded it merely as a visible index to

some internal spasm that seized him in the vicinity of underground springs.¹ This strange physiological effect, of the genuineness of which Dr. Thouvenel satisfied himself, was still more marked ten years earlier in the case of Parangue, a little girl who from infancy was thrown into convulsions when brought over running water or underground springs; hence she was constantly used as a "hydroscope," the Abbés Sauri and de la Roquette testifying to the facts and giving minute descriptions of the effects produced on the child.

In Fortis' *Mémoires pour servir à l'histoire naturelle, &c.*, several Italian hydrosopes or dowsers are referred to, one a child, 10 years old, named Anfossi; another more notable was Campetti, who was taken to Munich, in 1806, to have his water-finding powers tested. Amoretti, who relates the facts in an essay on Rhabdomancy, states that several of his own relatives had the gift of using the rod and finding water by its means.

The next conspicuous French work on this subject is by the Count de Tristan, entitled *Recherches sur quelques effleuves terrestres*, Paris, 1826. Count Tristan states that he was led to undertake the investigation of the divining rod by witnessing the remarkable performance of the rod in the hands of a personal friend. Upon experimenting with different people he found, in spite of his incredulity, five others had the same faculty, and to his astonishment discovered that he himself possessed it. For some years he had no leisure to investigate the matter, but ultimately in 1822 he commenced a long series of experiments, from 1,500 to 1,800 in number, and which occupied him nearly 15 months; "The results," M. Tristan states, "of 1,200 experiments were written down at the time of their performance." Dr. Mayo, F.R.S., in his *Truths Contained in Popular Superstitions*, p. 7 *et seq.*, gives a summary of Tristan's work, and so does Chevreul. I have not myself seen Tristan's book, but there is no doubt he was an enthusiastic believer in the rod. Unfortunately his experiments are of little value, except as illustrations of the effect of sub-conscious suggestion on the rod, an effect due to the dominance of a theory which he endeavoured to establish. This theory was that electric effluvia were given off by various substances; the bodies of certain persons conducted this effluvia, which thereby passing down their arms caused a turning of the forked divining rod—this he names the *furcelle* (from *furcilla*),—or a rotation of the straight rod, which he calls the *bacillogire* (from *bacillum* and

¹In spite of the weight of scientific authority arrayed against Bléton, a few *savants* carefully tested the youth, and had the courage to publish a statement of the successful results they obtained. I will refer to this when dealing with the evidence on behalf of Bléton later on; there can be no doubt that he was one of the most remarkable "dowsers" of whom we have any record.

gyrus). It is a pity so much industry was wasted from the want of an elementary knowledge of physics.

In 1849 a M. Mortillet published a little book called *Histoire de l'hydroscopie et de la baguette divinatoire*, in which he reviews the experiments of Thouvenel and others, and claims that he himself was an expert with the baguette. He became, in fact, a professional "dowser," but owns that he was not always successful, and ultimately abandoned this calling, studied art, and was appointed sub-director of the museum at St. Germain.

In 1863 was published a quarto volume written by the Abbé Carrié, called *Hydroscopographie et Métalloscopographie, ou l'art de découvrir les eaux souterraines et les gisements métallifères*. This is an ambitious attempt to convert the divining rod into a scientific instrument and to explain its motion by an application of Ampère's well-known laws of electro-dynamics. The Abbé was himself an expert water-finder or *hydroscopist*, and the introduction to his book contains abundant testimonies to his success in finding water springs; but his explanation of the motion of the rod is hopelessly wrong, as was the very similar attempt to explain it given by Dr. Thouvenel a century ago; electricity is still believed to be the cause of the motion of the rod by the majority of dowsers and others ignorant of physics at the present day. The Abbé Paramelle was another famous *Hydroscopist* in 1830, and so was the Abbé Jacquet a little later (see Carrié's book, and the *Journal d'Agriculture Pratique* for April, 1845); but both Paramelle and Jacquet claimed to be and were *hydro-geologists* and rejected the use of the rod; a 4th and revised edition of Paramelle's *L'Art de découvrir les Sources* was issued in 1896 (see Appendix B).

Several French encyclopædias refer fully to this subject. Under the heading *Baguette*, is a lengthy article in Larousse's *Dictionnaire Universel du XIX^e siècle*. Under the same heading in the *Dictionnaire des Merveilles de la Nature* the writer gives some illustrations of the successful use of the rod he himself had observed, and states that two persons who tried could not stop the rod when it turned. Under the word *Abaris* there is an article, chiefly on J. Aymar and the rod, in Bayle's *Dictionnaire*; but this is not modern, for the first edition of this dictionary goes back to 1710. All these are useful historical essays, but throw no fresh light on the subject. There are also various essays on the divining rod in French periodical literature. I have read many of these going back to 1740, when an excellent, though brief, discussion of the subject, with some striking evidence, appeared in a little work called *Caprices de l'Imagination*.

Modern German, Spanish and Italian literature I have not yet been able to examine.

PART III.

THE DIVINING ROD AS USED IN THE SEARCH FOR
UNDERGROUND WATER.

Let us now examine what evidence exists on behalf of *dowsing*; i.e., of a special faculty, peculiar to certain individuals, by which they believe they are enabled to locate the position of mineral lodes or underground springs. Though the search for metallic veins by dowsing is the older, yet the dowser is now mainly in request as a "water-finder," and as the evidence now obtainable is much more abundant for this latter use of the rod, I will take this part of my subject first, and, so far as possible, subsequently deal with the use of the rod in finding metallic ores.

An attempt to arrive at some *general laws* which will furnish an adequate explanation of the varied phenomena presented by the divining rod both in ancient and modern times, will be made after the first and larger portion of the evidence has been presented. Meanwhile it will be obvious from the evidence cited in Group I. that—

The movement of the rod is not due to trickery, nor any conscious voluntary effort, but is a more or less violent automatic action that occurs under certain conditions in certain individuals.

Those who have ever seen a successful dowser at work will not need to be convinced of this statement. So vigorous is the motion of the twig that one of its limbs is frequently twisted off in the effort to restrain it, and yet there is often little or no sign of muscular exertion on the dowser's part. Sometimes a violent tremor convulses the arms and even the whole body of the dowser when he comes over an underground spring, or what he believes to be such. A striking instance of this is to be seen in the case of Mr. Lawrence, cited in Group III., and also in the case of Mr. Young, senr., mentioned later. The cause of this muscular storm, and the physiological aspect of dowsing in general, are worthy of attention, but are matters with which the trained physiologist must deal. In no case is the dowser conscious of having exerted any muscular action in turning the rod, and thereupon naturally ascribes its motion to some influence external to himself. It is, in fact, almost impossible to imitate its characteristic movement by any voluntary effort. Hence nothing but sheer ignorance leads any one to assert, as does an English geologist in a letter now before me, that "the whole thing is a fraud, and the motion of the forked twig a bit of clever legerdemain."¹ Nor is any evidence, however conclusive it may appear to others, likely to

¹ There are, no doubt, counterfeit dowsers, as there are counterfeit sovereigns, but it is needless to waste any time over them.

affect those who approach the study of a novel subject with such a determined *parti-pris*.

GROUP I.—AMATEUR DOWSERS.

The first group of evidence I will cite is obtained from those who cannot be suspected of making use of the "rod" for the purpose of gain or trickery. This evidence also shows that success has attended the practical use of the rod in finding water springs, but in several of the cases given below, data are wanting to show how far the success in these cases exceeds that due to chance.

To arrive at some estimate whether underground water might or might not be found by chance sinking at any spot in the places named, I consulted a high geological authority,—my colleague, Professor Cole, F.G.S., etc.—who kindly went into this question for several of these localities, chosen at random; as far as his personal knowledge and the geological maps would allow. Professor Cole sent me his report before seeing any of the letters here given, so that it was an entirely independent opinion, based on geological grounds. In some of the cases, Professor Cole reports that spring water might be found anywhere and near the surface;¹ in some, only by sinking to a considerable depth; but in others, Professor Cole reports the chances of finding a spring (not surface water) were extremely small unless a very deep well was sunk. As I do not rely on this group of cases for any *conclusive* evidence as to the existence, or not, of a dowsing faculty, it is hardly necessary to discuss the question of chance success farther at this point.

It is worthy of note that, in many of these cases, wells *had* been sunk fruitlessly before the advent of the "dowser," who was in every case an amateur, that is one who had no professional object to serve in making the experiment. It will also be noticed that a "dowsing faculty," if such there be, is not confined to any particular age, sex or class in life. Thus in case No. 1, the dowser was a clergyman; in No. 2, a judge; in No. 3, a local manufacturer; in Nos. 4, 13, 14, 18, and 19, a lady; in Nos. 5 and 9, a gardener; in No. 6, a deputy-lieutenant; in No. 8, a respected member of the Society of Friends; in No. 12, a miller; in No. 10, a little girl; in Nos. 11 and 15, a boy; in No. 20, a French Count, etc.

No. 1.—The following case was sent by Miss Grantham:—

100, Eaton-square, London, S.W., *February 1st, 1893.*

My father (Judge Grantham) was going to dig a well on one of his farms. The Rev. J. Blunt was then residing in our parish, and as he had

¹ Such, for example, as No. 10, though even here it will be seen that the Vicar of Lugwardine states that two wells were sunk *before* the dowser's visit, and *no water found*.

previously told us he was able to discover the presence of water underground by means of a twig, we asked him to go with us one day to see if he could find water. Mr. B. began by cutting a twig out of the hedge, of hazel or blackthorn, V shaped, each side about 8 inches long, then taking hold of one end in each hand between the thumb and first finger, and pointing the angle to the ground, he walked about the field in which my father proposed digging a well, and at two spots the point of the twig turned right up exactly reversing its previous position ; in fact so strong was its impulse to point upwards, that we found that unless Mr. B. relaxed his hold the twig broke off near his fingers. We put small sticks in these spots, and then took a boy about 12 years old who was in Mr. B.'s employment, and who had since quite a child shown that he possessed this power, over the same ground ; he had not seen the spots at which Mr. B.'s twig found water, neither did we point them out to him, but at these places his twig behaved in the same way as Mr. B.'s. My father, mother, and four or five others then cut similar twigs out of the hedge, but with none of us would they divine water. My father then took Mr. B. over some ground where he knew of the existence of an underground stream ; he did not tell Mr. B. this, but directly Mr. B. passed over the places the twig again turned upwards as it had done before. A well has since been dug at one of the spots in the first field where the twig indicated water, and it was found at the depth of 15 feet. Mr. B. and the boy both said that they did not feel any abnormal influence whatever when the twig divined water.

EMMA L. GRANTHAM.

The following I subsequently received from the Rev. Jno. R. Blunt, of Bugbrooke, Weedon, Northamptonshire :—

July 8th, 1893.

In answer to your inquiries, I fear I cannot add to what has already been told you. I have often tried the divining rod, to interest or amuse my friends, here the matter has ended ; no trial for water has ever been made, except in the case at Barcombe (Sussex), when Sir W. Grantham sunk a well at the spot indicated by the rod, and found a good supply of water near the surface ; this was of interest to me, as wells there are often sunk at great depth. I have found the rod move in scores of places, but have not seen it tested before. I mean, so far as my own experiments go. I know of several places where water has been found in this county after the rod has been used by Mr. Mullins.

As to whether it moves, as you consider, owing to "some unconscious muscular action," I know not. Why it should move in my hands and not in the hands of every one who tries it, I know not.

I have never tried it near to any pool or river, nor by the sea. I have only tried it for underground water.

I was using the rod one evening for the amusement of some young men, in a garden last summer, but could not get it to move (to their great glee !), until at last close to the boundary wall it was agitated ; of course they declared *I* moved it, etc., etc., but a few days after I was at a friend's house whose garden was on the other side of the wall, and there, to my delight, was a well ! I stopped short and said, "Is this well of any use ?" My friend at

once said, "It is a splendid well of water and never fails." . . . I have found the rod work equally well when wearing thick overshoes of rubber.

No. 2.—His Honour Judge Spink, of British Columbia, writes as follows to Mr. F. W. H. Myers :—

Vernon, Okanagan, B.C., *February 27th*, 1893.

I see that your Society take some interest in the divining rod. We made some careful tests on this matter last year. The rod works in my hands. I was rather sceptical, and thought that my own mind might work in some unknown manner on the rod and cause it to turn down where I fancied there ought to be water. I was blindfolded and led about with the wand, for about an hour at least, until I could not hold the wand upright without great pain. Each time the wand dipped, a peg was driven into the ground to mark the spot. I was walked in all directions, and passed over the same ground again and again, but in no instance did the rod fail to dip when it came to a peg. I have sunk two wells on the credit of the wand, and in both instances have found water, in both these instances contrary to the advice of the well-sinking experts. The power appears to increase rapidly with use. When experimenting with the rod over a water hose, I had the water turned on and off several times, and could distinctly *feel* the jar that one hears in such cases.

WM. WARD SPINK.

In a subsequent letter Judge Spink writes :—

Vernon, Okanagan, B.C., *November 4th*, 1893.

The divining rod has succeeded in finding me water for the third time. First well, at the foot of a rock bluff, 20 feet. Second well, half way down a steep slope, about 8 feet fall in 40 feet, at 25 feet from surface. Third well, at the summit of slope, 100 feet at least above second well, at 85 feet from surface. These experiments are not very convincing, as water seems to be easily found round here. One peculiar fact, however, may interest you. I selected the three spots for the wells before the foundations were dug for my house. Around the foundations the wand would not act. After the wells were begun, and the foundations dry, Mr. Attwoor, who has had a great mining experience, went over the ground with me. He told me that the formation of the ground would lead him to expect water where the wells were being dug, but that it would be useless to dig for water where the foundations were, as the ground there was drift. The foundations are 100 feet from well No. 2, and immediately, or only a few feet from being immediately between wells 2 and 3.

No. 3.—The following is from the *Westminster Gazette*, of May 5th, 1894 :—

A remarkable instance of the successful use of the hazel twig, generally termed the "divining rod," has just occurred at Cressing, near Braintree, Essex. Many fruitless attempts have been made in the parish to find water, the boring in several instances extending to great depths. Mr. E. Sach, of Jeffrey's farm, wanted a well provided for some

cottages, they being without a water supply, and he invited Mr. H. W. Golding, of the firm of Messrs. Ashley, Adkins and Co., mat manufacturers, Bocking, who has acquired some skill with the "rod," to look over the place. He did so, and near the cottages the twig turned up, and although every effort was made to keep it down it could not be done. Mr. Golding felt certain that water could be found there, and men were at once set to work boring, with the result that an abundant supply of water was found 22 feet below the surface.

In replies to my enquiries, Mr. Golding writes :—

Bocking, Essex, *September 16th*, 1896.

I can fully confirm the *Westminster Gazette* report you sent me, in reference to finding water at Cressing by the divining rod. I may add that until this experiment was made, and the well sunk, it was the general opinion of those who knew the locality, that no water was obtainable.

H. W. GOLDING.

In a later letter Mr. Golding says :—

September 21st.

In answer to your questions, I *had* tested the rod with my eyes blindfolded, and also with my arms held by four men, two holding each hand and arms, leaving only freedom for the rod to move. Being thus held as tightly as possible, the rod would still go round, and if prevented it would break with the force.

H. W. GOLDING.

Mr Golding has also sent me particulars of several other cases, where he has been enabled to give his neighbours an abundant supply of water for which they had previously searched in vain. I will only cite one case of special interest.

No. 3a.—The following is from the *Daily News* of May 22nd, 1894 :—

The divining rod has again been used in Essex with success, this time on the estate of General Thompson of Wethersfield-place, near Braintree. Some years ago General Thompson had a field surveyed by an eminent engineer who, after testing the ground with boring apparatus, expressed an opinion that no water was obtainable there. Hearing, however, of the success of the divining rod in the immediate neighbourhood, the General invited Mr. H. W. Golding, of Bocking, to walk over the field, with the result that at two places which Mr. Golding marked water was found at less than 10 feet from the surface.

The *Daily Telegraph* of the same date, the *Essex Herald*, and other newspapers also report this case. I wrote to General Thompson for particulars, but learnt with regret that he had died since the above experiments were made. His widow informs me that the newspaper report is correct and that "Mr. Golding, who was quite an amateur, indicated by the rod two places where springs of water would be found on the estate, and on digging at these places water was found." I have

had an interview with Mr. J. Wycliffe Thompson (son of General Thompson,) who was present during the search for water at Wethersfield-place, and who gives me the interesting information that his father made the experiment *on purpose to test* in a systematic manner the value or otherwise of the indications afforded by the divining rod. Accordingly, in the first instance a boring was made to find water by advice without the use of the rod. Mr. Thompson tells me the boring was made to a considerable depth, but he does not know the exact depth. No signs of water were found. Then Mr. Golding was invited over, and, cutting a forked twig, traversed the ground. Presently the twig turned vigorously and, following its indications, he professed to trace an underground spring running not far from the experimental boring to a point some 50 yards away. The course indicated was staked out, and, after Mr. Golding left, a well was sunk in two places, chosen at random *on the course so marked*. The result was that water was found in both places at a depth of some 10 feet. Mr. Thompson is certain the first boring was "far deeper than this," and he tells me no doubt whatever was left in the mind of General Thompson and others present of the reality and practical value of some peculiar faculty for discovering underground water afforded by the movement of the rod.

No. 4.—In the next case, which reaches me through Mr. Myers, a lady, Miss Douglas P., found to her surprise the rod moved in as marked a manner in her hands as when it was used by a professional diviner. A series of experiments were made at a country house, both out of doors and indoors. Amongst those who witnessed the experiments indoors were Mr. Scott Gatty and Miss Egerton. The former writes:—

71, Warwick road, Earl's Court, S.W., *March 7th*, 1893.

The great difficulty we found was to find a place where the rod would *not* work; it was forever turning round. At last two places were found, one in front of the fireplace in the entrance hall, and another about halfway up the stairs. While Miss D. P. went off with the rest of the party down some of the passages leading out of the hall, I secreted some sovereigns under the rug in front of the fireplace, and then joined the rest of the party. By degrees we worked our way back into the hall, and I asked Miss P. to test the hearth again, so as to make sure that the rod would not work there, when—lo and behold—it went round vigorously, and I then disclosed my hidden treasure. When that was removed, the rod refused to work again.

I think there was nothing else very remarkable or worthy of note. The cause of the rod working so much in the house is that almost a river runs under it. . . . In the drawing-room we hid money in the seats of chairs, and made Miss P. sit upon them, but if I remember rightly, she was not always successful.

SCOTT GATTY.

The foregoing letter was sent to Miss Egerton, who replies :—

Whitwell Park, York, *March 12th*, 1893.

Unfortunately the descriptions of the experiments made in the evening do not coincide with my impression of the same, which is that they were uniformly successful. I being one of the sceptical ones in the party (or shall we rather use the word agnostic?) held one side of the forked stick, whilst Miss D. P. held the other, and as we moved over the chairs where the sovereigns were hidden, the effect was most marked, the motion coming evidently from the stick and not from Miss D. P.'s pressure. I tried to stop it, and it at once broke off at the fork. As Mr. Scott Gatty says, we were not thinking at the time of making any scientific investigations; we only wished to prove the fact that the action of the stick was not a fraud on the part of Miss D. P. In this we were perfectly successful—it invariably turned over the chairs where the sovereigns were hidden, and she most certainly did not know where they were.

MARY L. EGERTON.

In this case the involuntary movement of the rod over the hidden coins was possibly due to unconscious indications given by Mr. Scott Gatty, or others present, who knew where the coins had been hidden.¹

No. 5.—I am indebted to Colonel Waring, D.L., (M.P. for North Down) for the following. Colonel Waring's trial of the professional diviner Mullins is given on a subsequent page.

Waringstown, co. Down, *July 11th*, 1893.

I have sunk a well 50 ft. deep on a spot indicated by my own gardener, who turned out to be possessed of the power of working the rod, and found water, though it did not come at once; in fact the well was abandoned as a failure and covered over with an old slipa, (*i.e.*, a rough Irish sledge), and some months afterwards was discovered to be full within a few feet of the surface.

THOS. WARING.

In answer to enquiries as to the exact site, etc., Colonel Waring writes :—

Waringstown, *September 21st*, 1896.

My gardener tried his hand at a farm I have on the shore of Lough Neagh called Armadroughall (the only point at which the County Down touches the lake). We sunk a couple of years ago where he fixed and at 50 feet had got no water and gave up, harvest operations taking us off. We covered the well, thought no more of it till about Christmas when we found it nearly full and it has had *a constant supply ever since*.

It is impossible to disbelieve the fact that at certain places and under certain circumstances the hazel fork turns vigorously.

I tried our gardener with finding gold one day and he quite failed to detect a sovereign hid in the gravel of the walk, but a friend who was by said "My spectacles are pure gold, let us see what they will do," and he held

¹Assuming thought-transference as a *vera causa*, the important part it probably plays in this class of experiment will be discussed later on.

them under the rod, which at once twisted violently. The gardener is entirely incapable of deception and I am unable to form any theory on the subject. If the operator is placed on a platform isolated by glass, say four inverted tumblers, he is powerless.¹

THOS. WARING.

No. 6.—Through the kindness of one of our members, the Hon. Kathleen Ward, Colonel Aldworth, D.L., writes to me as follows:—

Newmarket, Co. Cork, *June 19th, 1896.*

It is quite true that I have the power of using the divining rod. I have done so for some years, but have not as yet opened any well; but as I want to conduct water into my garden, I hope to be able to do so in a few months' time from a source a couple of fields beyond it. I can hardly quote any facts to you at present that would be interesting, more than to say I found a source of water in a friend's grounds not many miles from this. He afterwards employed a man who is a professional water finder, and he found the water in the same place, and gave the depth below the surface as 26 feet, which I was not able to do, not having practised gauging the depth below the surface, but I understand this is merely a matter of practice, and depends on the force with which the rod rises in the hands.

R. W. ALDWORTH.

In reply to my enquiries, Colonel Aldworth writes:—

Newmarket, Co. Cork, *July 20th, 1896.*

In reply to your letter of June 21st, I beg to say I have tried the divining rod both with my eyes shut and open and it acts just the same in both cases. I know of a young fellow who possesses the power and who had a farm but a few miles from this. He was anxious to find water on his ground and he, by means of the rod, came upon water, digged for it and found it about 7 feet down, a fine spring. I have often tried the rod with my eyes shut, and the young man got his sister to bind his eyes in the case I mention and the rod indicated it in the same spot where he dug for it. I cannot in any way account for action of the rod; it certainly acts with some people and not with others.

R. W. ALDWORTH.

Numerous cases from Somersetshire are given in the course of this paper; here are two or three. The following is an instructive case.

No. 7.—My friend Mr. F. J. Clark, F.L.S., writes to me as follows:—

Netherleigh, Street, Somerset, *September, 1896.*

Some twenty years ago an opportunity presented itself to me of testing the value of the indications given by the divining rod. The then manager of our local gas works, Mr. Stears, found he had the power of using the rod²; others in our neighbourhood also tried, and an old workman I knew well,

¹ I shall return to this idea later. See also foot-note to No. 21.

² Mr. Stears is now living in Yorkshire, and has recently devoted himself entirely to "dowsing" (see Group VII.).—W.F.B.

Simon Seymour by name, was equally successful. I got Mr. Stears to go over my ground, and the rod indicated water at the spot A on the rough

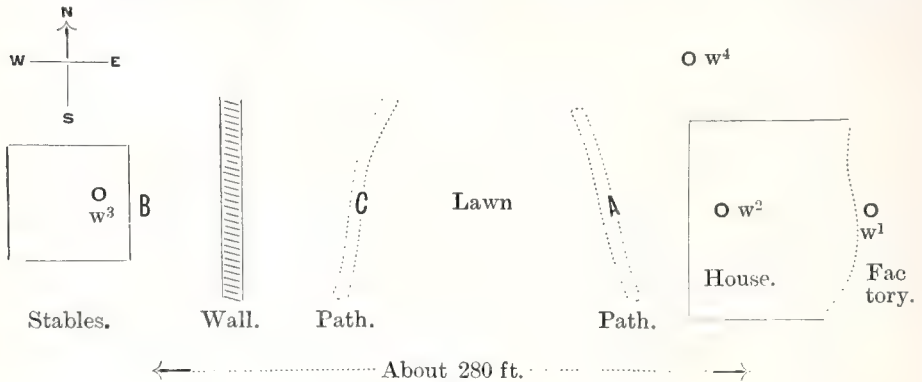


FIG. 1.

plan (Fig. 1). Some little time after I tried Seymour, who knew nothing of Mr. Stears' experiment. Seymour found the rod indicated water at B. Curiously enough a neighbour and member of our body (Society of Friends), Walter Wyburn, a poor-law guardian, found he also could use the rod. I invited Wyburn to my place, and asked him to try where he could find water. He did so, and the rod indicated water at C; he had no knowledge of what the others had done. Now it happens that a well had been sunk for our factory at W^1 , and a good supply of water obtained at about 40 feet depth. Another well, in the cellar of my house, at W^2 , gave us a supply of water at about 35 feet, and a third well at W^3 , on higher ground, and about 280 feet distance, supplied the stable yard; this well was only about 27 feet deep. We had also since sunk a well at W^4 , some 60 feet North of W^2 , but had got little or no water from it even at a depth of 50 feet. We tunnelled about 20 feet in the direction of W^2 , and found rather more water coming in. It seems, therefore, that a fault or fissure running East and West existed in the strata of the Blue Lias, and along this fissure water could be obtained. This conclusion is rendered very probable from the fact that, if we pump a large supply of water from the factory well, W^1 , it completely drains W^2 , and perceptibly affects W^3 . Now it was just when the three dowsers crossed this line the rods indicated water beneath. Their trials, as I have said, were made independently, and they had no knowledge of the position, or (so far as I know) the existence of the wells on my place. I may also mention that the late rector of the parish found he too was an expert with the "rod," and on trying my grounds with it he also hit upon *the same line* of underground water, but I am not sure whether he knew of the other trials I have related.

F. J. CLARK.

No. 8.—Mr. F. J. Clark also writes to me as follows:—

Netherleigh, Street, Somerset, *September, 1896.*

A few years ago I was appointed along with Walter Wyburn and the late A. R. Grace, of Bristol, a sub-committee of a Charitable Trust Committee

belonging to our religious body [the Society of Friends]. One object of this committee was to get water for a farmhouse belonging to the Trust at Chelbro', in Dorset, about 25 miles south-west of Yeovil. We spent several days in a fruitless search for water, or for any likely place to sink a well. However, we made an attempt in the most probable spot, according to our local geological knowledge, and sunk a well 20 feet. Alas! no water was reached. At length Walter Wyburn suggested trying the divining rod, as he found to his surprise he could use it with some success. We agreed; he had cut a forked twig and tried over all the ground. After a good deal of perambulation the rod indicated a strong spring in a neighbouring wood. Accordingly we had a well dug at this spot, and to our delight found a capital spring; pipes were put down, and a constant supply for the house has been given ever since.

FRANCIS J. CLARK.

No. 9.—Another case [from Somersetshire] is given in the *Western Gazette* of February 10th, 1893. Evercreech is at the foot of the Mendips.

A well has recently been sunk on the premises of Messrs. W. Roles and Son, of Evercreech Junction, on the site of the proposed milk factory. Mr. Henry Smart, head gardener at Pennard House, was successful with the divining twig (or rod), and a well was sunk to a depth of 60 feet, when a spring was found which yielded no less than 15,000 gallons of water in ten hours. Water came at such a rate that a powerful pump had to be erected temporarily by Messrs. Hill and Son, of Bruton, and was kept working day and night in order to keep the water down for the purpose of walling [the well]. At the present time there is 50 feet of water in the well, the supply increasing daily.

I wrote to Messrs. Roles to know if a well had been sunk previously, and if the above statement was correct. They reply that the account is quite correct, and add, "We had previously sunk a well without the use of the rod, to nearly the same depth, but it was *unsuccessful*. Six yards from this useless well the diviner found the spring which now yields enough to supply a small village if required."

No. 10.—The next case, that of Miss Wood, is quoted from a letter addressed to the *Abingdon Herald* by our fellow-worker, Mr. Vaughan Jenkins:—

Some time ago there appeared in a contemporary a short paragraph, which only recently came under my notice, giving the information that "Miss Wood, a daughter of Mr. George Wood, of the Valletts, and agent for the Whitfield estates, near Hereford, had again been successful in finding water at Lugwardine by means of the (so-called) divining rod." Being desirous of obtaining full and authentic particulars of this young lady's experimental operations, I addressed several specific enquiries, with special reference as to how and when Miss Wood discovered that she possessed the

dowsing, or “so-called divining” faculty, to her father, who very kindly sent me the following interesting details:—

“Whitfield Estate Office, February 4th, 1890.

“In reply to your letter of the 15th ult., I beg to say that in January last (1889) Mrs. Greathed of Whitfield, who is sister of the late owner of the estate—C. M. B. Clive, Esq.,—wrote to Mullins, the well-known water-finder by the use of the divining rod, asking him to come to Whitfield for the purpose of making some trials there. Mrs. Greathed requested me to conduct Mullins to various elevated places on the estate, which I did in company with several persons, including Mrs. Greathed herself, Mr. Percy Clive, the future owner of the estate, etc. I took Mullins to several places where I knew there was water running *through* the earth, *but not the slightest trace of it on the surface*. I did not tell him that I knew there was water anywhere. I merely took him to the gates of the different fields and asked him to try in each case. He quickly spotted each place to a great nicety, without the slightest hesitation.

“The next thing was for each of the company to try with the rod, but not one of us had the ‘faculty’ excepting my little daughter May. Subsequently the rod indicated water in several places, both in the hands of May and Mullins—May finding it first sometimes and at other times Mullins.

“I suggested that we should not make a trial by sinking wells until the autumn, when springs here are generally very low. Well, we made a trial in November last at a spot where Mullins said the water would possibly be found at a depth of 40 or 50 feet. We came on water at 40 feet. I may mention that previous to sinking this well the rod in my daughter’s hand indicated the presence of an underground spring there. May is now thirteen years of age. She has proved successful in numerous cases; four wells have been sunk where she said there was water, and each one was a success, viz., one at Ledbury, one at Lugwardine, and two at Whitfield. Hitherto, all her predictions have proved invariably true. Two wells had been unsuccessfully sunk at Lugwardine previous to my daughter’s visit there, the deepest of which was 16 feet. The place where May indicated water is distant 42 feet from this abandoned well, and at 11 feet deep a superabundance of water was found, and pipes are now laid to convey the water to the Vicarage, which is, I believe, several hundred yards away. As regards her *modus operandi*, she holds the forked hazel twig downwards when in search of water, and when she comes on a spring the twig quivers and rises upwards, sometimes from her body and sometimes towards it, until it comes to a perpendicular position. She practises the rod as you suppose, viz., as an amateur only, being only too happy to use her powers for the benefit of friends and neighbours.”

G. WOOD.

In confirmation of the foregoing statements, the following letters may be quoted: The Rev. Francis Curtis, rector of Coddington, near Ledbury, writes:—“The spring has been found at the Stone-house 57ft. below the surface, exactly at the spot indicated by Miss Wood. She said she thought the depth would be as much as 50ft. So the event proves her judgment to have been very correct. We are very glad that we availed ourselves of her gifts.” The Rev. A. C. Lee, of Lugwardine Vicarage, Hereford, writes:

“The well sinker came to me an hour ago with the welcome intelligence that he had come upon a strong spring of water, at the depth of 11ft., on the spot Miss Wood ‘found’ on Monday, and which, you will remember, I marked with two sticks, and which was thought to have the strongest indications. Previous to Miss Wood’s visit two wells had been sunk, but no water found.”

In my letter of thanks to Mr. Wood I expressed a wish to be informed of the results of any future experiments that his daughter may make, and on the 23rd February, 1890, I received from him the following communication :—“I have had occasion to sink a well for the use of four cottages and a public-house. I took my daughter, May, to the place, and she spotted a place where she said there was water. I had it tried, and we found water at 6ft. deep. I instructed the men to sink 6ft. further down, for the purpose of holding a supply, and the water rose 6ft. deep in the well in one night.”

I wrote to Mr. Wood, sending him the above report and asking him to correct any inaccuracies, and also enquiring whether his daughter had had any further experiences with the “rod.” In reply he writes:—

Whitfield Estate Office, Hereford, *May 9th*, 1896.

The report enclosed is quite accurate. My daughter May has been requested to go to very many places to find water since the report you send was written, and has always been successful. I have often been glad of her services myself.

G. WOOD.

In answer to my enquiries, Mr. Percy Clive writes as follows:—

Tower of London, *April 24th*, 1897.

I can vouch for the accuracy of the statement made above by Mr. G. Wood, who is my estate agent at Whitfield. I saw Mullins “find” water in several places, where his findings were afterwards proved to be correct. I, as well as others, tried to find water in the same way, but had not the power. But when Mullins held my wrists, and I held the twig over running water, it turned round in my hands with such force that when I held it tight it broke. Miss May Wood has been very successful in finding water; and seems also able to make a pretty accurate guess at the depth at which it will be found.

PERCY A. CLIVE.

No. 11.—A still more youthful diviner was found by Mr. Vaughan Jenkins in Cornwall, and is referred to in Mr. Pease’s report. The case is given at length by Mr. V. Jenkins in the *Proceedings S.P.R.*, Vol. II., p. 106. Since then Mr. V. Jenkins has sent me voluminous additional particulars, which I have incorporated in the following summary of the case:—

Mr. V. Jenkins having purchased some land for building purposes in Christchurch-road, Newport, Monmouth, the absence of a water supply necessitated his sinking a well. Guided by the best advice, a site was carefully chosen and a well commenced. When the well-sinkers had reached 51 feet, and no water found, it was decided from the nature of the ground, a hard, compact marl, it would be useless to proceed further. A consultation of local experts was held, and the conclusion arrived at that there

was no chance of obtaining water in that neighbourhood. Thereupon the foreman of the masons (a Cornishman) suggested using the divining rod. He said it was in common and successful use for the purpose of finding water in his county, and his own son, eleven years old, had the power of using the rod in a remarkable degree. Mr. Jenkins, though at that time very incredulous, consented. The lad was sent for, and with a hazel rod he crossed and re-crossed the ground several times. At one spot the rod began to revolve, and continued to do so with such force that the lad was obliged to let it go, when the rod flew to some distance. Whereupon the father of the lad, George Lockyer, said, "I will stake my life we shall find a good spring of water under this spot. I will undertake to sink the shaft myself, and no water, no pay." Accordingly, a well was begun the next day on the spot indicated by the "rod." At the depth of 48 feet, so strong a spring was struck that the men employed had to beat a hasty retreat, the water rising to a depth of 10 feet in the well, and subsequently to 15 feet, and remains at that depth at the present time, constantly yielding an abundant supply. The lad neither asked nor expected any payment. The father stated that he himself also had the power of using the "rod" when he was a boy, but he lost it when about 16 years old.

The discovery of this water supply led to the old site for the house being abandoned, and a new site fixed on close to the abundant supply of pure spring water that was obtained. The relative position of the two wells, marked O O, is shown in the annexed plan, Fig. 2, drawn to scale. The old

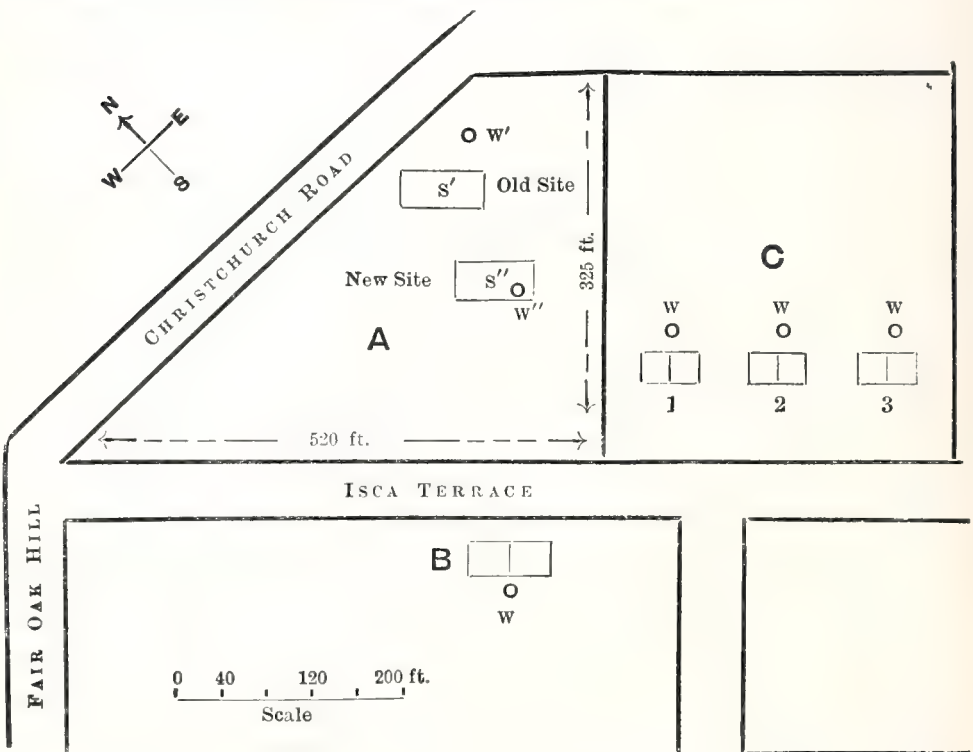


FIG. 2.

site is marked S', and the abandoned well shaft W', the new site is S'', and the new well W'' adjoins it. The plot A belongs to Mr. V. Jenkins. The owner of the adjacent plot B, which slopes somewhat steeply to the S.W., shortly after began to build two villas at B, and to sink the well W adjoining. He declined, indeed ridiculed, the use of the divining rod, and informed Mr. Jenkins that he was confident of getting water at 20 feet depth, but feared, as the land was so much lower, it would drain off the supply from Mr. V. J.'s new well.¹ Accordingly at B a shaft was sunk, but no water was met with at 25 nor even 50 feet. Eventually the well sinkers went down to 100 feet, and still no water was found. A boring was then made 25 feet deeper, and at 125 feet water was struck, but though the boring was continued still deeper, the water never rose beyond 18 to 24 inches in the well; a fair supply was, however, obtained. The water at Mr. J.'s well at S'' was, and still is, entirely unaffected by the well at B. The soil at B was the same as that in the abandoned well shaft at S' in the plot A, viz., a "hard, compact marl." Three pairs of villas were subsequently erected on the plot C, and three wells sunk as shown at W, W, W. Water was obtained at 50 feet depth, but the supply "was poor, and is not sufficient to keep the wells from running dry in a very dry summer." These wells were therefore a comparative failure.²

The date of this experience is, I find, 1853, but full notes appear to have been kept. The plan, Fig. 2, I made from the estate drawing. It would be interesting to have a geological examination of this land, and a report on the foregoing case.

No. 12.—The Rev. Martin R. Knapp, M.A., vicar of Holy Trinity, Dalston, writes to me as follows:—

72, Forest-road, Dalston, N.E., *November 14th, 1896.*

In the summer of 1892 I entered on the vicarage of North Wootton, in North Somerset, and had reason at once to look for water. I was advised to try a "water-finder," and did so. The dowser was a retired miller, and came provided with a number of forked twigs. Holding one he traversed the place, and at certain points the twig oscillated violently in his hands, and there, he professed, he should find water.

There was an interesting side-light in the matter that I will tell you of. My builder, who came from Bath, was very sceptical about the whole thing. Three or four of us who were on the spot tried to see if the twigs would "play up" with us.

¹ Upon getting this information, Mr. Jenkins asked the youthful "dowser" to go over the ground again and see if he could trace the direction of the underground water. This the lad did, and asserted, on the evidence of the rod, that water would be found on the West side of the new well W'', but that little would be found on the South or East side of it; the North side had already been tried and abandoned. The father of the lad thereupon assured Mr. V. J. he had no cause for anxiety from the proposed well at B., which turned out to be correct.

² It was the success of the rod in this case, and its personal value to Mr. Vaughan Jenkins, that led him to devote much of his time for the past 40 years in collecting evidence bearing on the subject of the divining rod.

We were unsuccessful till this man tried his hand, scoffing the while. But directly that he came to the spots the dowser had found, the twig showed vigorous signs of animation. When his hand was being twisted in his efforts to keep the twig steady, I cried to him to hold fast, with the result that the twig twisted itself into two pieces.

At Wells, close by, a coachman, who was reported to have the power to find, not only water, but minerals. He carries neither rod nor twig, and told me, when I enquired, that his sensations are undoubted and extraordinary whenever he is directly above either water or minerals.

MARTIN R. KNAPP.

In answer to enquiries Mr. Knapp tells me the builder was a stranger to the locality, and the spots where the rod moved were unlikely to suggest water below. The twig in the builder's hand, Mr. Knapp says, in every case corroborated the dowser's indications, and hence he (the builder) was unmercifully chaffed, as he had treated the whole thing with such contempt. Mr. Knapp says it is possible that the places indicated by the dowser might have been perceived by the builder, but it was the spontaneous and vigorous movement of the twig, evidently contrary to the holder's intention and against his will, that excited their astonishment.

Unfortunately Mr. Knapp was unable to sink a well; one of the places indicated was unsuitable, and at another he began to dig, but at the time had no means of going deeper than a few feet, and afterwards moved his residence.

No. 13.—Another instance of a successful amateur diviner is the daughter of a clergyman in Buckinghamshire. Her father, the Rev. Seymour Ashwell, M.A., writes to me as follows:—

Finnere Rectory, *September 7th, 1896.*

As regards my daughter's ability to find water, all I can say is that it has been a most useful gift. She has found springs all over the country, and wells have been dug at the spot indicated with the best results, and villages and private houses that had been badly supplied for years have now plenty. I might mention a curious feature of it is if she walks *backwards* the stick does not move.¹ Also she can tell when she is getting near water quite twenty yards or more before she gets to the spot where the spring is. She is also equally successful in finding gold, as she proved at Lord North's, where they had buried some quartz containing gold for her to find. It would of course be much more satisfactory if you would come and see for yourself what she can do. I might mention she finds hazel the best

¹ This is only the effect of a "fixed idea," as will be seen later on, and corresponds to a similar phenomena exhibited by Bléton in 1780, and by many other dowsers. In fact, in a later letter, Mr. Ashwell writes: "If my daughter holds the forked twig with the point *upwards*, and walks *backwards*, then the stick turns *down*; though if the point be held *downwards* it does not move when she walks *backwards*."—W.F.B.

wood to use, though some others will do, as also copper wire, but that acts best when well twisted in the middle.

SEYMOUR ASHWELL.

In a subsequent letter the Rev. Seymour Ashwell writes from

Balnakilly, Blairgowrie, N.B., *September 11th, 1896.*

I may add I this day had a letter from Worcestershire to say that two wells had been dug at spots pointed out by my daughter last July. The one is 13 feet deep and has 8 feet of water in it, the other 30 feet deep and has 17 feet in it. I should not think that the most sceptical need better proof as to the power of finding water. In what the power consists I don't pretend to explain.

SEYMOUR ASHWELL.

No. 14.—In Mr. Pease's report is given an account of the successful use of the divining rod by another lady, Mrs. Bengough, of Bristol. See *Proceedings, S.P.R.*, Vol. II., p. 104.

No. 15.—Having heard from the Rev. C. Bicknell, M.A., of Bordighera, Italy, of the remarkable dowsing faculty possessed by the young son of a friend of his, who was formerly rector of Uggeshall in Suffolk, I wrote for further particulars. Mr. Bicknell replies:—

Bordighera, Italy, *December 24th, 1896.*

Oddly enough, Mr. Edgell, the father of the boy whom I mentioned, arrived here this evening. He tells me that his son (1) when at Uggeshall found the spring and well which supplied his pump; the whereabouts of which was not known to the present rector nor to the Edgells, the former occupants of the rectory; and (2) that he also found water in his own garden at Teddington, the existence of which was not known to the boy or the father, but only to the old gardener, who had said, when Mr. E. told him about his boy's gift, "Well, sir, I know where there is a spring in the garden, and if he finds it I shall believe there is something in dowsing."

Mr. Hanbury (who lives near here) told me that many years ago while he was away a diviner indicated water in his garden, but, for some reason or other, they did nothing. Some years after, however, in digging, water was found on the spot that had been previously indicated.

CLARENCE BICKNELL.

No. 16.—Sir Charles Isham, Bart., of Lamport Hall, Northampton, writes to me on

March 19th, 1890.

We found water at Lamport by means of the "divining rod" three years ago. My carpenter found he had slight power in doing the same; he could feel the stick move, but it was not visibly active.

Later on, Sir Charles writes:—

Lamport Hall, Northampton, *September 22nd, 1896.*

Three weeks since we discovered that my carpenter found water by the divining rod at a farmhouse we are building. He tells me he went over the

ground, with his eyes shut, several times, and always came to within a yard of the place he had fixed on ; accordingly a well was sunk there and a good supply of water was found.

No. 17.—This list of amateur English dowsers would be very incomplete without some notice of Messrs. Young and Robertson of Llanely who, together with several of their children, possess remarkable dowsing powers, judging from the correspondence that is before me. Mr. Vaughan Jenkins, of Oxford, writes to me as follows :—

Among the most successful diviners are Mr. Young and Mr. Robertson, of Llanely, South Wales, who have not only *not* received any fee or reward for their services, but have spent much time in the endeavour to ascertain the cause of the rod's movements. No two men could be found who would more readily co-operate with an honest and unbiassed scientific investigation of the matter.

Here the faculty seems hereditary, for Mr. Young's father was able to discover underground water, the effect on him, as on his son, creating a very unpleasant physiological disturbance. Mr. Young sends me the following illustration of his father's gift :—

My father, who is living in Dorsetshire, is now 87. Two years ago he pointed out a spot to a neighbour who was about to build two villas if water could be found. A well was sunk, and an abundant supply of beautiful water, at about 40 feet, was struck. Prior to the sinking, the owner of the land got three other local diviners to look for water in this field; the last he took blindfolded to the spot. They each and all pointed out the very spot my father did, and each one was perfectly ignorant that any one had previously tried. Now comes the curious part. The village doctor was building a villa about 80 yards away, (on the same level), and said he could find water anywhere in that locality without the rod. He tried, sank a well, (a *built* well,) to 50 feet, and never had a drop, and the well was closed. This was about two years ago. About three months ago the doctor decided to sink another well in a spot close by his first, where three members of my family and myself pointed out as being a likely spot. The well was sunk, and is now in daily use delivering, with a pump, a plentiful supply at a less depth than the barren well a few yards away. He had been paying £12 per year for water carted for daily use.

Amid the letters which Mr. Young has written to me on this subject there are several instances of successful "dowsing" by himself and by his friend and neighbour, Mr. Robertson ; nothing, however, of any particular evidential value is to be found, except possibly in two cases. In one of these, both he and Mr. Robertson independently fixed on an underground spring near the house of Mr. Meredith (son of the novelist), and subsequently a strong spring burst forth from the very spot, though no signs of it existed before. I wrote for corroboration, but Mr. Meredith had left Llanely, and Mr. Young sends me a letter

from a gentleman whose house was near, which in general terms confirms Mr. Young's statements. The other case was where Mr. Young and Mr. Robertson independently determined the position of a leak in the town reservoir and also fixed on the depth below the embankment of the culvert or out-flow from the reservoir. Neither of them knew this depth, both fixed on the same amount,—30 feet,—and subsequent inquiry proved they were exactly right. But in both these experiments other explanations than a dowsing faculty (such as unconscious indications, latent memory, or thought-transference), might account for the facts. Mr. Young tells me that by the sensations he experiences, when his mind is "set" on dowsing, he can discover an underground spring even when quickly driving in a vehicle. He adds that not only his father but all his sisters are able to use the divining rod with more or less success; the same seems to be true of Mr. Robertson's family, judging from the large family group represented as dowsing in the little book they have published.

Other cases have reached me of amateur dowzers, but what has now been made sufficiently clear is that the movement of the rod is not due to any voluntary conscious act on the part of the dowser.¹ I will therefore only add the evidence given by a few amateur dowzers of older date, as these are of some historical interest. The list might be largely extended.

No. 18.—The case of Lady Milbanke, the mother-in-law of Lady Byron, is a well-known example of an amateur diviner. In a letter to Dr. C. Hutton, F.R.S., dated February, 1805, Lady Milbanke describes how she was led to try the rod from witnessing its use by a peasant in Provence, who had successfully found water springs by means of the rod, so that the man got the appellation of *L'Homme à la Baguette*. Lady Milbanke says a large party assembled to watch the gyrations of the rod, which, in spite of the man's hands being stationary, twisted round so energetically when he stood over a spring that the rod was broken. Lady Milbanke continues :—

After seeing him do this repeatedly, the whole party tried the baguette (a forked hazel twig) in succession, but without effect. I chanced to be the last; no sooner did I hold the twig as directed than it began to move as with him, which startled me so much that I dropped it and felt considerably agitated. I was, however, induced to resume the experiment, and found the effect perfect. On my return to England, two years afterwards, being on

¹ I am assuming that the dowser is not a rogue; one might no doubt by practice accomplish the twisting of the rod, with apparently no muscular effort, like any other piece of legerdemain.

a visit to a nobleman's house, Kimbolton, Huntingdonshire, and his lady lamenting that she was disappointed of building a dairy-house in a spot she particularly wished because there was no water to be found—a supply she looked on as essential—I told her I would endeavour to find a spring. I accordingly procured some hazel twigs, and in the presence of herself and husband, walked over the ground proposed till the twig turned with considerable force. A stake was immediately driven into the ground to mark the spot, which was not very distant from where they had before sunk. They then took me to another and distant building in the park, and desired me to try there. I found the baguette turn very strongly, so that it soon *twisted and broke*; the gentleman persisted that there was no water there, unless at a great depth, the foundation being very deep (a considerable stone-cellar), and that no water appeared when they dug for it. I replied that I knew no more than from the twig turning; that I had too little experience of its powers or certainty to answer for the truth of its indication. He then acknowledged that when the building was erected they were obliged to drive piles for the whole foundation, as they met with nothing but a quicksand. This induced him to dig in the spot I first directed. They met with a very *fluent spring*. The dairy was built, and it is at this time supplied by it.¹

No. 18a.—Dr. Hutton, F.R.S., the distinguished mathematician—to whom the Royal Society entrusted the gigantic labour of making an abridgement of the whole of the transactions of the Royal Society from its foundation in 1666 to the beginning of this century,—gives the following account of his experiments with the divining rod as used by Lady Milbanke.

At the time appointed, [11 a.m., May 30th, 1806,] the lady, with all her family, arrived at my house on Woolwich Common, where, after preparing the rods, etc., they walked to the grounds, accompanied by the individuals of my own family and some friends, when Lady Milbanke showed the experiment several times in different places, holding the rod in the manner described elsewhere. In the places where I had good reason to know that no water was to be found the rod was always quiescent, but in other places, where I knew there was water below the surface, the rods turned slowly and regularly in the manner above described, till the twigs twisted themselves off below the fingers, which were considerably indented by so forcibly holding the rod between them.²

All the company stood close to Lady M. with all eyes intensely fixed on her hands and the rods to watch if any particular motion might be made by

¹ See also description by an eye-witness given in the *Quarterly Review*, Vol. XXII., (1820) foot-note, pp. 373-4.—W.F.B.

² Dr. Hutton does not say *how* he knew that water was, or was not, below the surface. He was not, however, one likely to make loose and random statements. According to a footnote in the *Quarterly Review*, Vol. XXII., p. 374, it appears that the ground chosen for the experiment was a field Dr. Hutton had bought, adjoining the new College at Woolwich then building.

the fingers, but in vain ; nothing of the kind was perceived, and all the company could observe no cause or reason why the rods should move in the manner they were seen to do.

After the experiments were ended, every one of the company tried the rods in the same manner as they saw Lady M. had done, but without the least motion from any of them. And in my family, among ourselves, we have since then, several times, tried if we could possibly cause the rod to turn by means of any trick, or twisting of the fingers, held in the manner Lady M. did ; but in vain, we had no power to accomplish it.

No. 19.—Dr. Mayo, F.R.S., in his book on Popular Superstitions, quotes the case of a Mrs. R., sister of Sir G. R., then living at Southampton, who, in 1806, observing the successful use of the divining rod by the wife of a Colonel Beaumont, tried it herself, and found she had the power in a remarkable degree. The rod, Dr. Mayo remarks, continued to move, even when Mrs. R.'s hands were grasped so firmly that muscular action by her wrists or fingers seemed to be prevented. V-shaped rods of iron or copper wire were as effective as a hazel rod, but no motion ever occurred when the two handles of the rod were covered with sealing wax. If, however, the uncoated parts were touched, the rod immediately revolved.¹

No. 20.—The Comte de Tristan, whose book on the divining rod has already been mentioned, published in 1829 a record of his own experience with the rod, extending over 1,800 experiments, 1,200 of which were carefully noted. He mentions five or six friends of his who he found could also use the rod. Count de Tristan found the rod would only move when he passed over what he calls "exciting tracts" of ground, and that its motion was arrested when the hands were covered with thick silk. See foot-note to No. 19, also No. 5.

GROUP II.—MISCELLANEOUS CASES.

The following cases of water finding by various dowsers, some amateurs and some not, illustrate the use of the divining rod in *various countries*, and also its employment at different periods during the last hundred years. The most remarkable of the foreign cases is unquestionably that of the French youth, Bléton, described by Dr. Thouvenel

¹ That "electricity has something to do" with the motion of the rod, is a widespread belief. This will be discussed later on ; here I will only say that, in spite of the foregoing experiments, and others to be related, the electrical hypothesis is not one that any physicist could entertain.

in 1781. This I have reserved for separate treatment in the list of special cases that are too long to be included in the varied collection of evidence which it is my object to present in the first instance.

No. 21.—In the *American Journal of Science*¹ for 1821, Vol. III., p. 102, the Rev. Ralph Emerson suggests the publication in that journal of “a sufficient number of well authenticated facts on the use of ‘*mining rods*’ in discovering fountains of water underground, to put their utility beyond a doubt. For myself,” he adds, “I was totally sceptical of their efficacy till convinced by my own senses.” He then relates how the divining rod moved in the hands of his friend the Rev. Mr. Steele, and how he made a crucial experiment to test the value of its indications. Taking Mr. Steele to a place where a perennial underground stream existed, of which Mr. Steele was unaware, the rod instantly dipped down when he came over the stream, and when asked to trace its course he did so for 50 rods until he arrived at its mouth “which was so situated as to prevent his discovering it” till close by it. “The mode of his tracing it resembled that of a dog on his master’s track, crossing back and forth, and he proceeded with as little hesitation.”

Here, however, it is possible that some unconscious indications given by Mr. Emerson might be assumed as exciting, sub-consciously, the suggestion which moved the rod in Mr. Steele’s hands. But this explanation will not hold good of the next case quoted by Mr. Emerson, which is as follows:—

No. 22.—On a journey to the south-east part of New Hampshire, I found a practical use has been made of these rods in that region, for a year or two past, in fixing on the best places for wells. A man in that vicinity could not only designate the best spot, but could tell how many feet it would be needful to dig to find water, and had frequently been employed for this purpose without having failed in a single instance. I will recite one case out of a number. A man who had dug in vain for a good well near his house, requested his [the dowser’s] advice. On trial with the rod, the best place was found to be directly under a favourite tree in front of the house; and there the proprietor was assured he would find abundance of water at a moderate depth. But on reflection, he was loth to sacrifice the tree, and concluded it would answer as well to dig pretty near it. He dug; and after sinking the shaft much deeper than had been directed, abandoned it in despair. He soon complained of his disappointment. “Did you then dig in the precise spot I told you?” “I dug as near it as I could without injuring the tree.” “Go home and dig up that tree, and if you do not find water at the specific depth, I will defray the expense.” He did so; and obtained an excellent well at the given depth.

¹ This monthly journal corresponds to our *Philosophical Magazine*, as a leading and authoritative scientific organ.

As to the depth, it occurred to me when seeing the operation of the rods in the hands of Mr. Steele, that it might be easily ascertained, by taking the angle they made at a few feet from the spot where they became directly vertical.

RALPH EMERSON.¹

Mr. Emerson does not say whether he obtained the information at first or second-hand ; this case, therefore, rests upon weak evidence.

In the next case the importance of sinking at the exact spot indicated by the dowser will also be seen.

No. 23. —I am indebted to Mr. F. T. Elworthy of Foxdown, Wellington, Somerset, (from whose well-known *Somerset Word-book* I have already quoted) for several interesting cases of the reality and practical value of the faculty possessed by dowsers. Mr. Elworthy also sends me the following communication he received from Mr. E. Neville Rolfe, H.M. Consul at Naples, whose brother, a resident in Australia, wrote to him that the gift of "dowsing" was well known and its value recognised in Australia. Mr. Rolfe continues :—

On the Queensland Central Railway and next to the cattle station I live on (say 400 miles west of Rockhampton) is a station named Coreena. Near the head station the manager had sunk a well, but the water proved salt. A diviner happened to pass ; the manager showed him his well, and expressed his regret that he had been so unfortunate as to get salt water. Testing the ground, the diviner indicated the place where the manager ought to have sunk. The manager considered the matter and determined on a fresh trial, but thinking "there or thereabouts" was near enough, sunk, say 50 yards, from the spot indicated, and to his disgust again struck *salt* water. The diviner passed by a few months later and was upbraided by the manager for the waste of money he had caused him to make. "Let us see in the morning," said the diviner ; "I don't understand this at all." In the morning, on seeing the new well, he said, "This is not where I told you to sink ; *here* (indicating the exact spot) is where I told you." "I grant it," said the manager, "but I thought those few yards made no difference." "You try," replied the other, and again departed. The manager, after much deliberation, determined to sink a third well, *and was rewarded by an abundant supply of fresh water*. The three wells are there at this moment as evidence of the truth of this story—a truth I can vouch for myself, on what I consider the best evidence short of my being a principal in the transaction. No doubt corroborative evidence could be easily supplied. If it were required, I am sure an application to C. W. Little, Esq., Manager Union Mortgage and Agency Co., Rockhampton, Queensland, would meet with a prompt reply. Mr. Little is one of the owners of Coreena.

¹ As I have already said this is not, as I at first thought, Ralph Waldo Emerson, but apparently a contemporary of his, who was ordained as a Congregational minister a little before Waldo Emerson entered the Unitarian ministry.

I wrote to Mr. Little's address, in Queensland, who kindly replied as follows :—

Box 237, G.P.O., Sydney, *January 27th*, 1897.

Your letter addressed to Rockhampton reached me a day or two ago. Your information is quite correct with regard to the well you mention at Lochnagar, but I am sorry to say the other spots on other parts of the run pointed out by Mr. Sewell¹ did not fulfil expectations. Mr. E. H. King, Eton Vale, Toowoomba, Queensland, was at that time managing the station. I have sent a copy of your letter to him asking him to answer your questions. He has also had experience of the use of divining rods on the Darling Downs.

I have also sent a copy of your letter to Mr. Vincent Dowling, of Lue, Rylstone, N.S.W., who has, I believe, had some experience, and may be able to give you some interesting information.

C. W. LITTLE.

Sydney, *February 8th*, 1897.

I am enclosing copies of letters from Mr. Dowling and Mr. King. With regard to the latter, I may say that when Mr. Sewell—who used the rod—was at Coreena, an artesian flow of water had just been obtained by the railway department on the run at 180 feet, and Mr. Sewell endeavoured to select sites where we should be equally successful, but entirely failed ; had he confined his attention to opening up springs, or sinking for supplies at about 30 feet, he could probably have been more successful.

C. W. LITTLE.

The following is Mr. Dowling's letter to Mr. Little :—

“Lue Homestead,” Lue, *February 2nd*, 1897.

Yours of the 27th ult., enclosing copy of Professor Barrett's letter, received.

For the Professor's information, I might state that for years I scoffed at the “divining rod” ; no one could have been more sceptical than myself. I have, however, changed my views during the last few years, as I have had many instances placing beyond all possibility of a doubt the fact that there is something in the art, or gift, or electric power, whatever you like to call it.

I have discovered three wells by the agency of the rod, two of them are deep, one about 100 feet, another about 130 feet, and another about 40 feet. The first I do not use, though there is plenty of water, but it is deep, and I have another well near ; the second was used in the 1888 drought, but never since ; the third is in constant use, and waters about 6,000 sheep and 700 head of cattle. I have an aermotor mill with an open top lift pump, pumping into a tank holding about 23,000 gallons water ; the water is abundant, and the tank often full, running water back into the well.

I know of *several* wells near my Gummin station, discovered by the agency of the rod. The eldest son of my overseer at Gummin, a man now about 35 years of age, can and does use the rod, and another man (Hitchins) living near Gummin also possesses the gift. To give you an instance of the use

¹ This is the name of the amateur dowser referred to in No. 23.—W.F.B.

of this gift, the following is a fact. In the drought of 1888 the Ryder Bros., of Calga, were very badly off for water, in fact were losing stock heavily. They wrote and asked me if I would lend them young Passworth, the overseer's son, to see if he could find them water. I lent them the man, and he found them three sites for wells, following light streams of water until they joined and formed a large body. The Ryder Bros. were not satisfied altogether, so without letting the other man—Hitchins—Passworth, or myself know anything, they paid Hitchins to go over and see if he could find water; the site of Passworth's wells was not marked except to the initiated, the Ryders themselves. Hitchins followed the same streams and marked the *same sites* within a few yards or feet. The Ryders then put down three shafts, and obtained abundance of fresh water in two; the third was never finished, as the rain came. However, they struck the water before the rain fell, but did not go on. These wells saved thousands of sheep for Calga.

To give you another example, I once got Passworth (overseer's son) to follow the stream from the "Swamp Well" (the well I have mentioned as watering so many sheep and cattle), as I wished to see whether the same stream supplied other old wells I have some miles distant, but in the same fall. The stream was not the same; we followed it for some distance and it suddenly turned into the main Mambelong Creek, and I said no doubt this is the same stream; but when we got into the bed of the creek, which was perfectly dry at the time, the rod stood erect when we faced down the stream, but bent when kept on its back; it *crossed* the creek, and I followed with him over a mile, the rod working well on a strong course of water, which eventually led us to the site of an old spring which I knew of, but the man knew nothing about, the spring having been trampled in and destroyed by cattle years before: it used to be a strong spring. This satisfied me there was virtue in the rod. It is extraordinary to see the rod working on a long course, directly the man gets off the stream, up comes the rod, more to the right or left, as the case may be, and down it comes when you get over the course.

VINCENT DOWLING.

The next is Mr. King's letter to Mr. Little:—

Elton Vale, Cambooya, *February 1st, 1897.*

Sewell's experiments were interesting so far as they went, but were of no real practical value, I fear. You will remember we tried two of his sites in Emu Hills Park, both of which proved to be brackish or salt water, and small supplies at that, when big ones were promised; at the Jersey Bore we were to get a big flow at 300 feet, but nothing came of this; at head of Back Creek only a small stream found, and a big supply promised; his only success was at Locknagaar, where I believe he showed Conway where there was a supply of fresh water close to a spring that was known to be salt; and on opening it up it proved correct.

E. H. KING.

No. 24.—Mr. Phippen, in his little work published on the rod in 1853, gives several cases of abundant and perennial water supply found by the dowzers, Mapstone and Adams of Somersetshire; and relates

experiments he himself made with Adams which made him an enthusiastic believer in the value of the rod. Like others, he and a friend could not hold the rod still when it was over a subterranean spring.

The Rev. Mr. Foster, of Sodbury, Gloucestershire, had sunk a well 60 feet deep without finding water. Adams was sent for, and by the dowsing rod fixed on a spot 6 feet from the dry well, where he said was a good spring about 20 feet deep; a tunnel was accordingly driven at this depth from the old well to the spot indicated, "when an abundant supply of excellent water was obtained which speedily filled the old well up to 40 feet," *i.e.*, to the level of the spring.

No. 25.—Mr. J. G. Marshall, of Leeds, a well-known manufacturer, seeing the account in the newspapers of that day, wrote to Adams, who lived at Rowberrow, near Shipham, in Somersetshire, to come to Leeds, as he needed a good supply of water. Adams came, and Mr. Marshall gives the following report in a letter he wrote, which I summarise:—

Monk Coniston, *October 24th, 1846.*

I watched Adams closely: he appears a perfectly, simple, honest, straightforward man. At the spot he indicated, and about the depth he specified, *a good spring of water was found.* An old well sunk near the place but not so deep had no water, and other wells near, *of the same depth,* had much less water. I tested Adams by taking him over our factory where he had no possible guide from anything he could see; he pointed out remarkably nearly the position of the springs found by deep bore-holes. The same result was found at another factory where he could not have got any information, nor was there any guide from what was said.

I then *completely blindfolded* him, and after walking him about in various directions I asked him to fix the spot where he had located a spring; in the first attempt he failed, but afterwards succeeded; he said he was not used to being blindfolded and was much confused by it.

He thinks it is some sort of vapour comes from the water or mineral vein, which affects his nervous system, "giving him," as he describes it, "*a sort of turn.*"

Adams failed to detect coins placed under hats, and yet the rod turned, which was the most suspicious circumstance I saw.

I and several others repeatedly tried to detect some motion of Adams' fingers when the rod turned, but could find none whatever.

J. G. MARSHALL.

Mr. Phippen says he has in his possession nearly 100 certificates from gentlemen in Somersetshire, testifying to the success of Adams in finding water by his "dowsing rod," and quotes the following as one instance:—

Mr. M. Teek, of Hill House, near Wells, certifies that he had lived 40 years in that house, had sunk two wells to a depth of 50 feet each but found no water in either case, and consequently water had to be carried

a considerable distance. Adams was at last sent for, and the dowser found an excellent spring of water close to the house.

Mr. Phippen thinks one in every seven or eight persons have the "gift" of using the rod if they tried, and concludes by giving directions as to holding the rod, which is quoted in Appendix C.

No. 26.—Mr. Young, of Llanelly, sent me some details of the finding of water for the Shepton Mallet gaol long ago by the dowser Kingston, who used to live at Evercreech; previously to the dowser's visit a fruitless well had been sunk. I asked Mr. Young to get me the exact particulars, and he sends me the following letter from Mr. W. Stone, an old man who was formerly employed at the gaol.

Shepton Mallet, *December 19th, 1896.*

It is between 40 and 50 years ago the trial with the divining rod took place at the gaol. All I remember is that shortly after the enlargement of the gaol we wanted more water and a deep well was sunk, but no water was found. The magistrates then consulted and determined to call in a man named Kingston who used the divining rod. When he came, after trying various places he came to a spot in the front yard, and here he said "you will find water." A well was sunk, but I cannot remember the depth, it was not deep, when water rushed in and has continued to do so.

W. STONE.

Mr. Young adds the gaol authorities used the water supply thus found for over forty years till a town supply was laid on. Shepton Mallet and Evercreech are at the foot of the Mendip Hills.

No. 27.—The following is a more remarkable case, and an important one from an *evidential* point of view; it is also from Shepton Mallet. I have not heard whether the "diviner" in this case was an amateur or not: he is now dead, I am informed. The *Bristol Times and Mirror*, of June 16th, 1891, states:—

The Anglo-Bavarian Brewery at Shepton Mallet needed a large water supply; accordingly excavations had been made to find water, but without success. About two years since, during an exceptionally dry season, it became absolutely necessary to obtain a further supply of brewing water; hence several boring experiments were made on the property. At the suggestion of a gentleman in the locality, the services of a "diviner" were obtained, and although the principal members of the firm professed to have no faith in his "art," yet he was allowed to try the fields on the company's property, and those on the neighbouring estate, and discovered the well now used by the brewery. . . . The soothsayer, who carried the divining rod, a hazel branch, was Mr. Charles Sims, a local farmer, and a notable discoverer of wells in the district. Operations were immediately commenced, and, after excavating and dynamiting through the rock, to the depth of 50 feet, a magnificent spring was discovered in a fault of the rock, which proved to be of exceptionally fine water, and of even a finer quality than the town's supply.

I wrote to the Secretary of the brewery to make enquiries and he replies :—

Shepton Mallet, Somersetshire, *September 12th, 1896.*

Replying to your letter in regard to a local diviner, we had one of the name of Sims, from Pilton, who successfully denoted a spot on our ground where we have had an abundant supply of water since. This was some eight years ago.

The writer of this letter also has had some considerable experience with Mr. Lawrence of Bristol, who was one of the most noted divining rod men in the West of England. He also was successful in denoting a supply for a Bristol brewery with which the writer was connected; and in numerous other instances in the neighbourhood. Mr. Lawrence bore a very high reputation. We believe he died a few months ago at a ripe old age.

THE ANGLO-BAVARIAN BREWERY, LIMITED,
J. CLIFFORD, *Manager.*

Having written to ask if a previous boring had been made, and if so, to what depth, and with what result, the following reply was received :—

Shepton Mallet, Somersetshire, *September 18th, 1896.*

Replying to yours of the 14th, a boring was carried out to the extent of some 140 feet *without success* on another portion of our premises, before it was successfully done at the spot indicated by the water-finder; here a well was sunk and abundant water obtained at a depth of 40 feet.

THE ANGLO-BAVARIAN BREWERY, LIMITED,
J. CLIFFORD, *Manager.*

No. 28.—The next two cases also occurred in Somersetshire. Mr. W. G. Hellier, of Wick St. Lawrence, near Weston-super-Mare, Bailiff of the Merchant Venturers of Bristol, states :—

January 7th, 1897.

I should as soon think of planting a tree with its root upwards, as I should of digging a well for water without employing a “dowser.” I never knew the rod to fail in the hands of Thomas Hares or John Blake, but I have heard of many failures in the hands of supposed dowzers. Thomas Hares used to find both water and minerals by the rod, but he told me that a watch spring would not do in his hands for finding water, though it was all right for minerals.

The following facts are within my own knowledge.

Within 200 yards or so of Rectory Farm house, at Locking, near Weston-super-Mare, four wells have been sunk, the position of which is marked on the enclosed rough tracing from the parish map. For No. 1 well, the spring was found by Thomas Hares. After walking over the field in different directions, with the rod in his hand, he crossed the fence, and, whilst on the top of it, the rod kept turning. He marked the spot of the spring, and on that spot I removed the fence and sank the well where the fence had stood. There has been a constant supply of water in it, even all through last summer, when there was a general drought.

For No. 2 well, the spring was found by John Blake, on the lawn of the Vicarage, opposite the drawing room window, a most unsuitable position. I sank the well and there is a plentiful supply of water, with no lack last summer.

POSITION OF THE FOUR WELLS TAKEN FROM THE MAP OF
LOCKING PARISH.

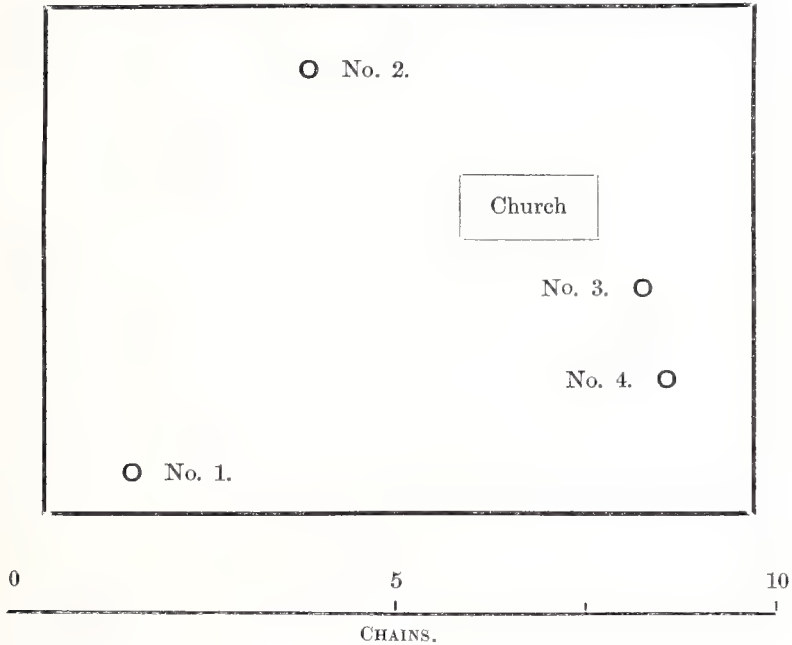


FIG. 3.

No. 3 well was sunk without a dowser. It is 10 feet deeper than No. 1. There was no water in it all last summer, and I should not think it has 6 feet of water in it now.

No. 4 well was also sunk without a dowser, because the place was thought likely for water. It is nearly as deep as No. 1. There is water in it for about 9 months of the year, but last summer it was quite dry.

Water was wanted at Edbrook Cottage, in Fiddington, near Bridgwater. There was a good spring in a field 200 yards away, and the dowser traced it over field, fence and roadway, and marked the spot for a well just opposite the door of the cottage. I sank the well there, and the tenants have never had to go elsewhere for water since.

Whilst the dowser was tracing this spring, walking backwards and forwards across the line of its course, I hid my pocket compass in the long grass in his track, and, when he came to it, the rod turned over, and he said "There is summat here." I am certain that he did not see the compass until afterwards, when I showed it to him hidden.

The most striking case I know of is on Sandford Green, in the parish of Winscombe, Somerset, where Thomas Hares offered to sink his well for nothing, if he did not come to the spring. There was already a well on the

green, but it had scarcely any water during the summer months. The well sunk by the dowser was so near it that the sinkers threw the dirt *as they dug it out from the new well* into the old one. The water rose to within 6 feet of the top of the new well. This was some 30 years ago. The spring was the talk of the neighbourhood at the time, and it is still a noted one.

I could go on telling yarns about dowsers, but all that I have written has come under my own observation, and I can vouch for the truth of it.

W. G. HELLIER.

Mr. George H. Pope, Treasurer of the Merchant Venturers of Bristol, sent me the above account, with the following letter in reply to mine :—

Merchants' Hall, Bristol, *January 8th*, 1897.

I asked my bailiff, Mr. Hellier, for information, and digested what he told me into the above memorandum, which he says is quite correct and has signed.

The "dowsers" mentioned in it, Hares and Blake, died three or four years ago.

GEORGE H. POPE.

Mr. Pope kindly made enquiries for me as to the exact depth of the above wells and writes :—

Bristol, *February 1st*, 1897.

No. 1 well, Church Farm, is 20 feet deep.

No. 2 well, Vicarage Lawn, is 31 feet deep.

No. 3 well is dry, and is 33 feet deep.

No. 4 well, Garden well, about 12 feet deep.

Regarding the wells on Sandford Green, the one sunk at the spot indicated by the dowser, is 33 feet deep, and has at present 19 feet of water in it. Unfortunately the old well has been filled up.

GEORGE H. POPE.

No. 29.—In the *Proceedings of the Bath Natural History and Field Club* for 1894 (Vol. VIII., p. 61), Colonel Long gives the following account of the discovery of "a perennial water supply by the aid of two noted dowsers, Thomas Young and Thomas Day." Omitting a few details, the following is Colonel Long's statement :—

Woodlands, Congresbury, Somerset.

For many years I have been dependent on rain for my water supply, and those who do the same well know how unreliable this is. . . . In 1885 I moved to Clevedon expecting to let this place easily, but the want of spring water prevented my getting a tenant. In 1888 I returned and determined to get water if possible. . . . I sent for Thomas Young who lived at Rowberrow, and was noted as a successful dowser. . . . I asked Young to dowse over a field called Taylor Hill. Almost immediately he struck on a stream and on the side of the Hill (exactly 300 yards from my house and several feet above it), the stick twisted considerably. Here a well was sunk 22 feet deep. This filled in the winter, but soon became dry in the summer, and in September, 1889 (Thomas Young had died),

Thomas Day, another noted dowser who also lived at Rowberrow, descended the well with me. The twigs were much agitated, and, one after the other, if not allowed to twist, snapped off.

Day said, "There is a lot of water under here." He undertook the sinking and sunk 30 feet more, when the water came in so fast he had to leave, and ever since, even during this dry summer (1893) I have had plenty. Of dowsing I can offer no explanation. I am contented with the result.

In reference to the above, the Rev. H. H. Winwood, M.A., F.G.S., adds the following note:—

The well in question was sunk through the New Red Marl which here rests on the carboniferous limestone, and apparently the water was found before the limestone had been reached. It seemed an unlikely place to meet with a spring.

No. 30.—In the *Proceedings S.P.R.*, Vol. II., p. 105, is given a striking instance of water finding by the diviner, W. Stokes, an aged man, living in Newbury, Berks, where he has for many years been employed as a wheelwright. That Stokes really was an excellent dowser Miss Cox has shown in her paper before the Folk Lore Congress, already mentioned; space will not permit my quoting the evidence cited by Miss Cox. Stokes, however, professed to be able to discover which is spring water and which rain water. Some elaborate trials were made with him for this purpose at Donnington, near Newbury, in 1886, and the careful tests adopted showed that the result was no more than mere chance coincidence would have given. The full report is given in the *Newbury Weekly News* for July 29th, 1886, and signed by Dr. Palmer, H. I. Reid, F.S.A., and the three other members of the investigating committee.

Subsequently Mr. Reid wrote to Mr. Edmund Gurney as follows:—

Donnington, Newbury, Berks., *August 2nd*, 1886.

A week last Saturday the old man came here again for another trial, but I could not be worried to go through all the test again, so we simply drew lots for five vessels, and placed the tickets under each bucket as drawn. He tried all five and was in each case wrong, three spring he called surface, two rain he called spring. The buckets were again emptied and refilled again by lot, he tried all five, and I then again told him before lifting the bucket, to try a second time to be certain. This he did, and the fifth bucket he had declared to be spring he then saw was rain, so that that bucket was discarded, for in one case he must of course have been right. The other four were then again lifted and the cards beneath showed he was in each instance wrong. A more complete failure cannot be imagined. He seemed very downcast and again requested *another trial*. This I am at present disinclined to trouble about, the more so as I am leaving here for town in a few days. It seems as if he wanted to be tested until he had achieved a success!

HERBERT I. REID.

This well illustrates the absurdity of many of the beliefs held about the divining rod. Probably Stokes had found he was sometimes successful in these experiments and so had been led to entertain the belief he expressed. But, as I shall show in the case of hidden coins, such success is due to chance coincidence or unconscious indications given by those present.

No. 31.—The accompanying letters refer to a dowser, Rufus A'Barrow, of Sturt Farm, Stalbridge, Dorset, who has since died. The first letter is from Mr. Dendy to the late Edmund Gurney :—

University College, Oxford, *November, 1887.*



You asked me to write you a short account of the search for water which I witnessed last July. The operator was one Rufus A'Barrow, of Stalbridge, Dorset. The *locus in quo* was chiefly slightly rising ground behind my father's house—Lattiford House, Wincanton, Somerset. The operator took a flexible forked twig between his forefingers and thumbs and carrying it, point downwards, quartered the ground. After a short search the forked stick sprung upwards; the two twigs of the fork bending and the man's thumbs remaining in their previous direction, that is, pointing downwards. The stick retained this position as long as he stood upon the spot of ground, where he was supposed to have discovered water, and returned to its downward direction as soon as he stepped off it. He then proceeded to trace the flow of the water and followed it some eighty yards to a small lawn behind the house when he recommended the digging of the well. He afterwards experimented for our amusement in other places with the same results. In all cases but one when the stick indicated water, he was able to follow its course. In that case he could find no flow away from the spot. Some of us tried to operate with the twig. It showed no movement in the hands of any but one lady, my brother's wife. When she held it over the course, which A. Barrow had indicated, it rose very slightly and slowly as I showed you when here, but still quite distinctly.

My father writes to me this morning. "Rufus A'Barrow has been most successful in these parts, not one failure. Bradney has twenty-five feet of water in his well." I have written to Bradney, a neighbour of ours, and have asked him to write an account to you of the discovery of his well.

A. DENDY.

Accordingly the following letter was received from Mr. Bradney :—

Bayford Lodge, Wincanton, *November 10th, 1887.*

Some time ago I was anxious to find a spring on my property, so sent for a farmer, by name Mr. Rufus A'Barrow, who was renowned for this kind of work with the divining rod. He duly came over, and the first thing he did was to cut a Y shaped twig out of the hedge, thus , he then held the two ends of the fork at **A** and **B** between the forefinger and thumb of his right and left hand, the point being straight-a-head of him; he then commenced his walk and in a very short time the twig pointed straight upwards thus :—  here he said was the spring, which he traced for some distance and eventually pointed out to me where he thought was the best place for me to

sink a well. He seemed to be able to trace to the eighth of an inch the course of the spring, as the moment he went to the right or the left of it or in any way got off its course, down went the twig immediately. As far as I could see, the twig pointed upwards quite of its own accord, but the best proof of the matter is that I sunk for water where he told me, and at the depth of some fifty feet came to a beautiful spring, and I have now twenty-six feet or more of water in the well. If there should be any more facts that you would like to ask about, I shall be most happy if in my power to give them.

JOHN BRADNEY.

In answer to enquiries, Mr. Bradney writes:—

December 4th, 1887.

As to whether there might be water 10, 20, 30, or 100 yards on either side of my well, of course I can't say. I only can say that where he said there was water I sunk and found a good supply.

No. 32.—The same dowser is referred to in a letter I lately received from Major Goff, of Hale Park, Salisbury, who writes:—

Hale Park, Salisbury, *November 1st, 1896.*

Some years ago I had a water-finder, A'Barrow, of Stalbridge, to try and find water for the Home Farm. No one had any notion as to where any was to be found except from the existing wells, which were some 30 to 50 feet deep. On the man's arrival he was taken to ground rising above the steading and at once found traces of water, which he said must be near the surface and sprung about 50 yards from the farm stables. A well was accordingly commenced and water was come to at 13 feet, to every one's astonishment. The farm and neighbouring people looked upon the proceeding as uncanny, and declared that the water found was only surface; however, the well has never given out, even in the driest summer, which rather does away with the surface idea.

I had the man over again a year or so after to try for water on one of our down farms in the chalk; he found traces, but said the water was very deep, so I did not dig on account of the expense, knowing that the existing wells were over 100 feet deep.

C. GOFF.

In reply to mine, Major Goff writes:—

November 3rd, 1896.

The astonishment of the local people was due to the water being found where it was not expected, and at a *lesser* depth than the other wells, which were within 100 yards and had a habit in a dry summer of giving out.

C. GOFF.

P.S.—A'Barrow would take no fee if water was not found where he said it was.

No. 33.—The Rev. C. H. Mayo, M.A., of Long Burton Vicarage, Sherborne, Dorset, Editor of the *Somerset and Dorset Notes and Queries*, kindly sends me a lengthy account of another instance of Rufus A'Barrow's use of the rod, which Mr. Mayo witnessed in

August, 1890. The place where the operations were conducted was a farm at Holnest, Dorset, and on sinking at the spot indicated by the dowser, water was found. A'Barrow stated that it was through watching a dowser named Kingston at Ditcheat, Somerset, 40 years previously, that he discovered he also had the power of using the rod ; though at first he was disposed to think the indications it gave were worthless, he had found they were not so. Kingston was the dowser mentioned in No. 26.

I am also indebted to the Rev. C. H. Mayo for kindly obtaining full particulars of another case of dowsing for water in his neighbourhood, which turned out a complete failure ; this will be given on a subsequent page.

No. 34.—The following details of a case of successful water-finding by means of the divining rod at Meredith, near Gloucester, were kindly written for our Society by Sir W. Wedderburn, Bart., M.P. It is an interesting and useful report from the careful description given. Note the straight rod used by the dowser :—

Meredith, Gloucester, *January 1st, 1888.*

Up to the present year the water supply at Meredith has depended mainly upon a well near the house. This well is 54 feet deep, and at the most favourable times is about half full of water ; but after dry seasons, and when there is a large demand upon it, the level becomes much lower, and in 1885 there were only about five feet of water. Previous to the summer of 1887 the seasons had been exceptionally dry, so that the water supply began to cause considerable anxiety, and in May and June last the reduced amount coming into the well hardly met the day's consumption.

Under these circumstances I determined to sink a new well, and the time seemed opportune, because any spring running in so dry a season was not likely to fail at any other time. Also Mr. Price, of Tibberton's Court, had recently employed a water-finder, or "dowser," who had succeeded in finding a strong spring on Mr. Langford's farm, at Rudford ; and I was inclined to try the same experiment, both because the water-finder, Mr. Thomas Willis, of Gloucester, was reported to be very successful, and because I was curious to see the working of the "divining rod," which is generally believed in in this part of the country. Accordingly, Mr. Willis came by appointment on the morning of Monday, 4th July. . . .

I believe a forked rod is generally used, but this is not the case with Mr. Willis, who uses a simple wand, of hazel or honeysuckle for preference, some 18 inches in length, and as slender as it can be cut. He also uses sometimes a steel wire, such as can be taken out of the framework of an umbrella, and during his operations we found that he sometimes tried one kind of wand and sometimes another. He had brought a steel wire with him, and began by cutting a few wands from a hedge of filbert bushes and from a honeysuckle, and he then enquired whereabouts I wanted to find water. I pointed out to him, as the desired site, an orchard near the garden and stables ; and also showed him where the old well is. Mr. Willis is a cabinet-maker by trade,

and is a quiet young man, apparently about 25 years of age, and seems to be of a sensitive temperament. . . . After a few minutes he summoned us to where he was and said that he had found a spring. He pointed out the exact spot, where we drove in a peg; and he then showed us how the rod worked when held over the spot. What we saw was that the muscles of his arms appeared to work and twitch as if he was holding the handles of a mild galvanic battery, and the wand or wire, from being straight between his hands bent into a sort of bow and worked round like a crank, rotating upwards when passing the holder's body. As far as the observers could see, Mr. Willis was using all his force to keep the rod in its horizontal position, and the result of the tight hold he kept of the ends of the rod was that, as it rotated, the bark was crushed and twisted at the place where he held it, until he finally let go. When we came to consider the spot thus indicated, we found that it was 40 or 50 paces due south from the old well, and as the strata are believed to slope from south to north, there appeared reason to think that we had struck upon the spring which supplies the old well. We, therefore, decided to look for another spring further east in the same orchard, and after a little time Mr. Willis found one, some 30 yards to the east of the first peg. Another peg was driven in to show the centre of the new well to be dug. He was of opinion that the spring last found was a strong one. He does not profess to be able to say at what depth the water will be found, but ordinarily he is not able to detect it at a greater depth than 40 or 50 feet. He thought we should have to go some 25 or 30 feet in the present case. Later on we took him to another field at Runless Hill, about half a mile off, where I wanted to find water. Here he tried for some time, but although he found indications of water, he did not think there was a sufficient quantity to justify digging. He also tried in a field below Meredith, to the north, and we marked places where he found water.

A few days later the new well was commenced on the spot indicated, the peg No. 2 being taken as the centre. For 30 feet we went down through red marl, with occasional veins of a somewhat harder rock, but no signs of water. We then came to a stratum, some 4 or 5 inches thick, of hard, tea-green stone, and from that time a little water began to come in, trickling in small quantities from the sides of the well. This continued till the well was about 47 feet deep, when water began to come in so fast as to impede the working. The men had to send up three buckets of water for one of marl, and by the time they had completed three feet more the water came in so quickly that they had to stop working. Subsequently experiments were made to ascertain whether there was any connection between the two wells. On the 10th of August there were about six feet of water in each well, and by levelling we ascertained that the bottom of the new well was some two feet above the surface of the water in the old well. It was, therefore, not possible that the water in the new well could come from the old well. Also at different times we pumped the water out of the two wells, and found that pumping one well did not affect the level of the water in the other. We, therefore, concluded that there was no connection between the two wells, and that Mr. Willis had discovered a new spring. We also ascertained that whereas the old well was replenished at the rate of about a gallon in ten minutes, the new well filled at the rate of a gallon a minute, being about ten times the supply of the old one.

The water in the two wells was analysed by the public analyst for Gloucester, with the result that the water in the new well was found to be different from and superior to the water in the old well.

As regards the nature of the phenomena we witnessed, I may note that we were all satisfied of the *bona fides* of Mr. Willis. It may be added that, though almost always successful, he does not follow the occupation of a water finder professionally, and only accepts a moderate fee after the water has been dug for and found.

I can only add two facts mentioned to me by Mr. Willis. One is that he can only detect a spring or running water, the rod not being in any way affected when he stood over a large subterranean reservoir.

W. WEDDERBURN.

In reply to recent enquiries, Sir W. Wedderburn writes :—

19, Beaufort Gardens, S.W., *February 19th, 1897.*

I have little to add to the account of our water finding, except that the well continues to give a good supply of water. A few years ago, during a very dry season, I took the opportunity to deepen it a few feet, but ordinarily the water stands at the original level.

I do not remember whether in my former communication I mentioned that Mr. Willis told me that a friend of his polarised the steel wire he had been using to find water, and from that time it would not act. This seems to show that electricity has something to do with the phenomenon, and this is confirmed by the fact that only moving water (which is accompanied by friction) seems to affect the “divining rod.”

W. WEDDERBURN.

The effect of polarising (magnetising) the steel wire is another of the many illustrations, which this enquiry has brought to light, of the profound influence exercised by a preconceived idea upon the motion of the rod. Sir W. Wedderburn would find the inhibitory effect take place equally well if Mr. Willis had been *told* the wire was magnetised, and yet nothing at all done to it. In Germany, 200 years ago, not only hazel and willow and whalebone, but snuffers, tongs, and even a long bent German sausage were used as divining rods according to the idea of the particular dowser.

No. 35.—Mr. Barber, the principal of a firm of surveyors in London, writes to me as follows :—

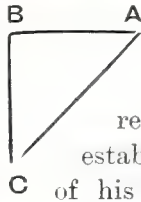
22, Buckingham Street, Adelphi, W.C., *June 25th, 1896.*

I did a large mansion at Ross, in Herefordshire, and there we engaged a man who found water by the “divining rod,” and plenty of it; but I can hear nothing of him, although I have written to two or three people, but I fancy he came from Wales. In this instance I spent a morning with him going over the Estate, and suddenly he broke out into a fearful perspiration, and, after tapping about the earth for some time, declared there was water beneath. We sank a well, and there *was*. I may add that water is very scarce in that neighbourhood, and at the time the man was considered very clever, and my client was delighted.

WALTER W. BARBER.

Mr. Barber is unable to remember the name of the dowser, but it was probably Mr. Heighway; see Group IX. This letter is only quoted as an instance of the remarkable, and, I believe, perfectly genuine and uncontrollable, physiological effect which seems, in many cases, to accompany the dowser's discovery of an underground spring.

No. 36.—In his little book on the divining rod, published at Cleveland, U.S.A., in 1876, Mr. Chas. Latimer, a civil engineer of repute in Ohio, gives several instances of his success as a dowser, especially in discovering the exact *depth* at which water would be found. This he arrives at by noting the position when the forked twig turns to 45 deg. as at A, then walking on till it points vertically downwards as at B; he concludes from this that from the surface B C is equal A B; B A C and B C A states he has verified this very satisfactory if it could be established, but Mr. Latimer furnishes no conclusive evidence of his theory, and the effect he has observed may be due to his own unconscious suggestion on the motion of the rod.



the depth of the water to the distance traversed, being equal angles: he repeatedly. This would be established, but Mr. Latimer furnishes no conclusive evidence of his theory, and the effect he has observed may be due to his own unconscious suggestion on the motion of the rod.

In the *Cleveland Leader* (September, 1893) Mr. Whitelaw, the engineer to the township waterworks, states that the severe tests to which he has submitted Mr. Latimer have completely destroyed the profound scepticism he previously entertained as to the value of the indications afforded by the divining rod. Mr. Whitelaw narrates several of these tests; amongst others he took Mr. L. to a particular square where he (Mr. W.) knew, but the public did not know, that there was a certain water main running diagonally across the square. Casually remarking (apparently to mislead Mr. Latimer): "You know there are no mains in the square," they proceeded to cross it. At a certain spot the rod in Mr. Latimer's hand turned downwards, and Mr. L. remarked, "there is certainly something here." This was correct. Mr. Whitelaw adds: "When we came directly over the main the butt of the rod pointed down to it, and he (Mr. Latimer) told me the depth as well as I knew it myself." This experiment was repeated with equal success at other parts of the town, so that Mr. Whitelaw asserts Mr. Latimer found the different water mains and their depths as accurately as if he had gained beforehand a minute knowledge of their location. Of Mr. Latimer's good faith and high position the report furnishes evidence.

I add the following cases reported in newspapers, for which I have not been able to obtain any confirmation; partly because they are of some interest when taken together with the others, partly

because I may possibly receive confirmation of some of them from readers of this paper.

No. 37.—The *Isle of Wight Express*, for March 18th, 1893, contains an interesting report of the success of two amateur dowzers at Shanklin. It seems that the Local Board were in straits for want of a good water supply. Eventually they employed Mullins, whose remarkable career as a dowser will be evident later; Mullins came and fixed on two spots where, he said, water would be found. The Local Board employed a well sinker, Mr. Parsons, and then the majority thought they knew better than Mullins, and made a boring in a different place. The report goes on:—

The Board paid a gentleman to tell them where the water was; but in their wisdom they decided to try a spot of their own choosing, with the result that Mr. Parsons has gone to a considerable depth, and broken his tools, without discovering the precious liquid. The divining abilities of Mr. Mullins were looked at very sceptically by some, because there seemed to be no reason why the hazel twig should rise when Mr. Mullins passed over a spring; but this divining quality dwells in others besides Mr. Mullins.

Two members of the Local Board, Messrs. J. Bailey and J. Milman Brown, have found themselves possessed with the unknown power, and in consequence have been making experiments in the Great Woods, with the result that they have proved, to their own satisfaction, at least, that strong springs exist in the places indicated by Mr. Mullins, but stronger ones in other parts higher up the hill. The Board at their last meeting granted £10 to these two gentlemen to experiment with, and they have thought it best to try the strongest spot marked by Mr. Mullins first. This they have done, and after going down 22 feet, water was found and has risen 9 feet 10 inches. This is very gratifying.

Our Shanklin correspondent accompanied Messrs. Brown and Bailey on one of their divining expeditions and witnessed the marvellous phenomenon; and while no explanation can be given, it is a fact beyond dispute that the twig turns over with an irresistible impulse when the operator is in the vicinity of a spring and cannot be kept back even by force. The experimenters are delighted with their success.

A Mr. Watson, a carter in the employ of Mr. Moorman, has the divining quality even more strongly developed than Messrs. Brown and Bailey, and has amused himself and his friends by being blindfolded after indicating a spring and again finding the same spot.

No. 38.—The *Dublin Daily Express* for January 15th, 1889, states that:—

A farmer named Griffen, living at Knocknaboley, near Tinahely, having seen the divining rod used for finding water in America, whence he had lately returned, discovered that he also could use it. Accordingly, finding on his return that his family were carrying water from a great distance, he tried

the rod, which, contrary to the local belief, as the house was on a hill, indicated an underground spring close to the house. A well was therefore dug at this spot, and at a depth of only six feet, a splendid spring was struck, which has since given a copious supply.

I should be glad of any confirmation of the above statement from those living in the neighbourhood: Tinahely is a town in co. Wicklow.

No. 39.—The next account is taken from the *Western Mercury* of March 1st, 1890.

The divining rod, as a means of finding a good supply of water, stood a very successful trial last week at Oundle, Northamptonshire. Mr. W. Todd, a landowner, requiring a well on a portion of his property, sent for a diviner, a man named Pearson. There has lately been some considerable difficulty in obtaining water in this town, and the Commissioners have spent £83 in trial borings. Although these trials were conducted by a professional man, they proved futile. In the presence of a number of spectators drawn together by the novelty of the experiment, Mr. Pearson walked over the estate with the usual V-shaped hazel twig. The rod was visibly agitated in several places, but the diviner kept on until it almost bent itself double in his hands. At this spot he indicated with confidence that a good supply of water would be found. A well was accordingly sunk with the result that at 17 feet deep, water was found in such abundance that it rapidly rose to within three feet of the surface, at which height it has since remained.

I wrote to Mr. Todd, but have had no reply, and should therefore be glad of any further information from the Oundle Commissioners or from my geological friends.

No. 40.—I had not before heard of the “dowser” named in the accompanying paragraph, which is taken from the *Wisbech Standard* of October 24th, 1890:—

Mr. F. Read, of Wisbech Market, experienced great difficulty in getting a proper supply of water in a green field occupied by him at World’s End. The result was that the aid of Mr. William Upcroft Hill was called in, and, by means of the divining rod, a spot was indicated and fixed upon, and well-sinking begun at once, the result being that at a depth of eleven feet a plentiful and continuous supply of water was obtained. In this case, at least, the use of the “divining rod” has been attended with success.

I wrote to Mr. Read for further particulars, but my letter was returned with the intimation that he had left the neighbourhood.

No. 41.—The *Blackburn Standard* of June 2nd, 1894, has a lengthy letter from an architect, Mr. T. C. M. Crook, giving an account of some successful dowsing operations in the neighbourhood of Blackburn by a dowser named Mr. Blanchard, of Wisbech, of whom I had not before heard. The first experiment was at Stanley

Grange, Samlesbury, where a spot was fixed on by the dowser, and the spring said by him to be about 40 feet from the surface. A six-inch bore hole was made, and at forty feet water rose in the tube to within sixteen feet of the surface. The owner determined to go deeper to see if he could get a larger supply, and bored down 232 feet, finally breaking his tools in the rock, but he was disappointed, the greater depth was useless. He then sunk a well six feet in diameter and 36 feet deep on the same spot, and found an abundant supply; the dowser having remarked that the small bore-hole might not cover the whole of the water veins he had indicated. In two other places in the neighbourhood of Bridge Hall and Samlesbury paper mills, the dowser fixed on sites where water would be found, and in both cases a plentiful supply was found at these sites and at the depth stated by the dowser. It would seem however that the depth was approximately the same (40 feet) in all cases, so that probably at that depth a water bearing stratum was reached, yielding water anywhere it was tapped. Mr. Crook, on the other hand, states that at 20 feet from the surface a very hard rock, mostly of red sandstone, was reached and continued to a great depth. If the facts are correctly given, the interesting point is that a stranger, from a distant part of England, who probably knew nothing of, and cared still less for, geology, hits upon the exact depth where water is actually found. It may be a chance coincidence, but it is of frequent occurrence in other cases; or it may be the dowser had secretly made inquiries in the neighbourhood as to the usual depth of wells: but this is not their practice, as they seem to have a supreme contempt for everything but their own infallibility.

Through the kindness of one of our American members, Mr. Albrec, of Allegheny, U.S.A., I received particulars of a remarkable case of successful dowsing which appeared in the *Pittsburg Leader* for January 14th, 1897; but when Mr. Albree, at my request, made private enquiries into the facts, he was unable to obtain any confirmation of them. The narrative is therefore omitted. It was, however, interesting to note the names by which a dowser is known in parts of America, viz, "water-witch" and "water-smeller."

After the miscellaneous cases in this Group had been printed, I received a collection of interesting cases relative to an amateur American dowser, Mr. Cyrus Fuller, which had been in Mr. Hodgson's possession for some time. This additional evidence, which might fitly have come in here, has been placed later, (see Group X.), partly to avoid alterations in the numbering of the cases already printed, and partly because it forms a small group by itself.

At the close of each group I will add the *failures* in that group that I have been able to discover, *i.e.*, where the dowser has been wrong ; a boring having been made or a well sunk at the spot indicated by the rod, and no water found at or beyond the depth he predicted. These cases will be lettered F 1, F 2, etc. It has been much more difficult to obtain first-hand evidence of these failures than of successes ; the prejudice against dowsing amongst the educated classes readily lends itself to rumours of failure, and I have found it a most laborious matter to trace such rumours to their source, often with the result that the failure was only in the actual depth or volume of water obtained not corresponding with the figures predicted by the dowser. At the same time there are unquestionably several cases of absolute and complete failure. The number of these it is very difficult to ascertain with any approach to accuracy ; all that can be said is that the number varies with the particular dowser employed ; some men (*a*) who claim to possess the faculty of water-finding being evidently charlatans or self-deluded, whatever success they have had being doubtless due to pure chance. On the other hand (*β*) some of the most remarkable water-finders, such as the late J. Mullins, occasionally fail in their prediction, as might be expected. Here are the only two failures I have met with in the group of miscellaneous cases ; both appear to belong to the former class (*a*).

F 1.—I am indebted to the Rev. C. H. Mayo, M.A., for the following instance of failure. Mr. Mayo says, after giving me instances of the successful use of the rod :—

Long Burton Vicarage, Sherborne, *January 21st, 1897.*

Two other wells have been sunk at farms in Holnest, Dorsetshire, on the divination of other water-finders ; one at Dyer's Farm,—which has been successful,—the other at Rye-water Farm, which has proved a lamentable failure. In the latter case, attempted early in 1895, a boring has been carried through dense clay to the depth of 269 feet, with no result beyond a useless expenditure of money, and the work has ceased. Holnest is situated on a thick bed of Oxford clay, capped with gravel here and there.

I wrote at once to ascertain further particulars and the name of the dowser. But Mr. Mayo could give me no more information, and two or three letters I addressed with the same object to the occupier of Rye-water Farm met with no response.

Subsequently Mr. Mayo most kindly ascertained for me the facts ; these are given in his letter which follows :—

Long Burton Vicarage, Sherborne, Dorset,
February 19th, 1897.

I have been endeavouring to collect some further particulars relating to the case of Rye-water Farm, and have spoken to Mr. S. Thorne, the agent of the property, on the subject.

It seems that two water-finders visited this farm—viz., W. J. Mitchell, of Cerne Abbas, Dorset (see enclosed memorandum), and shortly after, A. Russell, of Sturminster, Newton Common, Dorset. Both traced (it is affirmed) the spring along the same course. A well was begun, and then abandoned, and another begun close by, which was dug for 30 feet (4 feet diameter), and then bored for 269 feet more through clay. No water was found, and at this depth the head of the borer was broken off, and I believe still remains at the bottom of the hole.

I am told that Mitchell also claimed to discover gold by means of the rod, and met with a sovereign which had been concealed under a stone. Also, when using the rod, he trembled “and became as pale as death.”

Since writing the above, I have interviewed the wife of the tenant who was at the farm when the boring took place. Apparently, one well was sunk for 30 feet, and then bored for 90 feet, following the prognostications of Mitchell, and proved a failure. It was then filled up, and another water-finder, Russell, consulted, whereupon the second well was dug for 30 feet deep, very near the former, and as before stated, bored for 269 feet in addition, without result, till the breaking of the head of the borer stopped the work. These operations account for the time between the visit of Mitchell on March 23rd, 1893, and the boring which I witnessed in the spring of 1895. I have in my diary a memorandum written in May, 1895:—“This spring a well has been bored at Holnest (Rye-water Farm) for 269 feet without meeting water. The spot was indicated by Mitchell, of Cerne, and Russell, of Sturminster Common, with divining rods.”

I hope these particulars will supply what you require. I shall be happy to help further if you still have any other point to clear up.

C. H. MAYO.

P.S.—I am informed that the second water-finder, Russell, was called in when the former of the two wells had been sunk with no effect. — C.H.M.

Memorandum.

Mr. W. J. Mitchell, of Cerne, attended at Rye-water Farm on Thursday, March 23rd, 1893. I cannot find I have an entry of Mr. Russell's coming, but he did shortly after Mr. Mitchell, and found the same spot as marked by Mitchell.

S. THORNE.

I know nothing beyond the above of the two dowzers named, Messrs. Mitchell and Russell, no record of any successes on their part having reached me.

F. 2.—The next case of failure illustrates the fact of a would-be-dowser having evidently mistaken his vocation.

Mr. W. H. Barber, the head of a firm of surveyors in Buckingham Street, Adelphi (see case No. 35), sent me a memorandum he had received from Mr. Pullen, a friend of his in Guernsey, giving a list of wells sunk in Guernsey through the indications afforded by the divining rod. The dowser in this case was a Guernsey resident,

a Mr. Mellish, who apparently wrote the memorandum himself. In subsequent correspondence I received from Mr. Mellish particulars of numerous cases where, according to his statement, attempts to find water by sinking wells or boring had been made unsuccessfully in various places in Guernsey before his visit, and how in each case he had, through the indications afforded by the divining rod, been able to find water close by and at a less depth than the useless wells. I wrote to each of the addresses given and received replies from the majority of the persons named. In no single instance was Mr. Mellish's statement confirmed. Mr. Mellish's claim to possess the "dowsing faculty," if such there be, is therefore so far entirely uncorroborated. This is the only instance I have met with of what looks like a deliberate attempt to mislead in the course of this prolonged investigation. I communicated the foregoing facts to Mr. Barber, who replies that he was greatly surprised, for "both Mr. Pullen and a friend of his have seen Mellish at work with the rod, and also found water as the result."

EVIDENCE OF PROFESSIONAL DOWSERS.

Let us now examine some of the evidence afforded by contemporary professional dowsers—that is to say, by those who make a livelihood, often a very handsome livelihood, out of the use of the divining rod. It will already have been noticed that the majority of dowsers a generation ago came from Somersetshire; from the esteem in which the "gift" is still held in that county this might be expected, just as the majority of French dowsers used to come (and perhaps still come) from Dauphiny. Thus about two-thirds of the English professional dowsers, whose names have been given in the miscellaneous cases, lived in Somersetshire, and others hard by, in Gloucestershire, Dorset, and Wiltshire.

Besides the foregoing, I know of nearly a score of contemporary professional dowsers in England and Wales, and there are doubtless others of whom I have not heard. With the following I have been in correspondence and with some have had interviews and experimental trials:—Messrs. W. S. Lawrence, J. Mullins, senr. (both of these famous dowsers have died since the beginning of this inquiry), H. W. Mullins, W. Mereweather, W. Stone, B. Tompkins, J. Stears, L. Gataker, T. Heighway, H. Chesterman, H. Bacon, F. Rodwell, W. Rothwell and R. W. Robertson.

I will begin with a few cases from Mr. W. Lawrence, who was one of the most remarkable and successful dowsers of this century. I

much regret that Mr. Lawrence's death renders the evidence here presented of his powers so very meagre ; his family would render a service to science if they would collect a trustworthy record of their father's experiences in water-finding.

GROUP III.—(a) MR. W. S. LAWRENCE.

The oldest of the professional dowzers is *Mr. W. Scott Lawrence*, who resides at Bishopston, Bristol, where he is much respected.¹ His local standing is seen from the fact that he has been a Poor Law Guardian, was Chairman of the Highway Board, and for 21 years successively was elected vicar's churchwarden. He is a retired stone merchant, and is a hale and fine-looking old gentleman in his 86th year, the father of no less than 17 children ! One of his sons, Dr. Lawrence, is a distinguished West of England physician, and is consulting physician to the Bristol General Hospital ; another, a clergyman in the Church of England, appears to have inherited his father's peculiar "gift," and in reply to enquiry stated that he could not control the motion of the rod, which appeared to be even more violently affected with him than with his father. For 60 years Mr. W. S. Lawrence has been in repute as a "water finder," and judging from the lengthy list of testimonials he has received, his career in this direction has been singularly successful.²

Several instances of Mr. Lawrence's success are quoted in the previous S.P.R. report, and I had hoped in the appendix to this paper to have given a summary of Mr. Lawrence's experiences since that

¹ Since the above was in type, the death of this remarkable octogenarian diviner has occurred, as already mentioned ; Mr. Lawrence died in June, 1896.

² In the following letter (which was addressed to Mr. C. E. De Rance, F.G.S., Mr. W. S. Lawrence describes how he happened to discover that he possessed the dowzing faculty.

Bishopston, *October 5th*, 1893.

[Many years ago] my father was the contractor for building a new Rectory House at Winterbourne, Gloucestershire. In the contract he was to find a supply of spring water, and had to sink a well for such ; he had done this to about 40 ft. deep without success, when an old working man, a gardener, who passed the spot every day, stated it was quite useless to go on sinking it, being in the wrong spot. On being asked to mark the right spot, he went to the hedge of a field and cut a hazel forked stick, and on arriving at the well marked a spot about 15 ft. away from the well, and desired us to sink there, which we accordingly did, and at about 15 ft. deep obtained a valuable spring of water. I then was about 20 years of age, and asked him to allow me to try and see if the forked twig would act same with me, but he said it would [probably] be quite useless ; but if I would call on him next day at his cottage he would test me.

I did so, and he placed in my hands a small steel watch spring, and desired me to walk about the kitchen with such, and to his great surprise it acted with me similar to what it did in his own hands. This was to prove and ascertain if I had the power, as he knew there was a capital spring of water under the floor of the cottage ; he then stated his great surprise, he said as many as 100 persons had been there previously, and

report. Mr. Lawrence was, however, too ill to give me the necessary information or references when I applied to him in the spring of 1896.

Mr. Lawrence had previously furnished me with references to about 100 different people, for whom he has successfully found water by the 'rod.' The list includes such well-known names as the Duke of Grafton, Lord Spencer, Lord Heytesbury, Lord Justice Fry, Sir H. W. Peak, Sir H. Selwyn Ibbetson, Lord Arthur Cecil, etc.

No. 42.—The following is from Mr. George H. Pope, the Treasurer of the Merchant Venturers' Society of Bristol, whose kindness I have already acknowledged in sending me other evidence.

The Manor House, Clifton, Bristol, *December 30th*, 1896.

On the estates which I look after we always employ a "dowser," and I do not recollect any instance of failure to find water; we never sink a well *before* using the rod.

My friend, Mr. R. W. Butterworth, (now of Percy House, Kensington, Bath) can tell you, I believe, that he sunk a deep well on his property at Henbury, near Bristol, without getting any water; that he then consulted a dowser (Mr. Lawrence) who asserted the presence of a spring a few feet off; that he drove a horizontal shaft from his own dry well in the direction indicated, and struck a copious spring, as predicted—but I should like him to tell you his own story.

I once allowed an experiment to be made on one of our farms by Professor Sollas, and an account of it is given in Vol. II., pp. 73-78 of the *Proceedings* of the S.P.R., but in my opinion the experiment proved little or nothing.¹

GEORGE H. POPE.

I wrote to Mr. Butterworth as suggested by Mr. Pope. In reply, Mr. Butterworth states he cannot now recall the exact particulars, as the experiment was made so long ago. Happily, however, I found Mr. Crisp, of Bristol, the architect of Mr. Butterworth's house, had already put the facts on record, and they were printed in the appendix to Mr. Pease's S.P.R. report. Here is Mr. Crisp's letter:—

Bristol, *March 24th*, 1883.

Prior to sinking the well, we consulted a geologist as to the probability of finding water, and at what depth. He informed us that it was not likely

never one [had the rod] acted with previous. From which time I have made use both of steel spring and hazel rod. I do not believe I have any power without the rod or spring to discover such.

You may make any use whatever of these remarks. I have just returned from a visit to Aboynes and Drum Castle, Aberdeen, where I was sent for to go over a large quantity of land, farms, etc., and I marked about 30 or 40 places for sinking. I shall be most happy to give you any further information.

W. S. LAWRENCE.

P.S.—I am now in my 84th year, and write this without the aid of glasses.

¹ With this I quite agree, judging from the report Professor Sollas has published.—W. F. B.

that water would be found until we had sunk through the bed of the mountain limestone existing there, and which was about 150ft. deep, when we should come on a bed of clay and find an abundant supply of water. This applied to the district where this stone exists, and therefore the well could be sunk in any part with the same chances of finding water. We accordingly sunk a shaft to a depth of 150ft. through the rock, and then bored 10ft., but found no water. This may perhaps be accounted for to some extent, as by ill luck we came in contact with some faults (or saddle-backs as they are sometimes termed) in the rock. We then called in Mr. Lawrence with his rod; he held it over the mouth of the well and it was motionless, and Mr. Lawrence stated it was no use sinking any deeper there; he then walked in a spiral line round the well, and when at a distance of about 20ft., the rod moved vigorously, but nowhere else near the well. With his advice we drove a level heading from the shaft at a depth of about 100ft. from the surface, towards the spot indicated by the rod, and after proceeding about 30ft. the water suddenly flowed in at the end of the heading, and the men had to leave the heading at once and get to the surface. Since this there has been a good and regular supply of water.¹

H. J. CRISP.

Mr. Mereweather, the contractor who sank the well, also gave a similar account in a letter he wrote long ago to Mr. Vaughan Jenkins, which the latter has sent me. Mr. Mereweather says the water was struck when the heading reached 24 feet from the shaft of the well; here they came upon a fissure in the rock which yielded so large a supply that the pumps were fixed at 80 feet from the surface.

No. 43.—Very similar testimony is borne by another architect, Mr. Henry Shaw, of New Broad Street, London. Here also a deep well was bored and no water found. Mr. Lawrence's aid was sought. The rod indicated water only a few yards from the old boring. A well was sunk, and 14 yards from the surface an abundant supply of water was obtained. The contractors, and the foreman who sunk the well, also send letters about this case, which will be found in *Proceedings S.P.R.*, Vol. II., pp. 103 and 104. The foreman says that when Mr. Lawrence came to a certain spot the twig jumped violently up and down. A steel spring was then tried by the dowser with the same result. The position of the underground spring was then marked. The foreman also says that, owing to a drain being in the way, he had to dig a little on one side of the spot marked by Lawrence as the centre. On sinking to 40 feet "the spring burst out, as large as a hammer handle, beneath the *very spot* he [the dowser] had marked for the centre of the well."

¹ In the previous S.P.R. report, Vol. II., p. 105, a note is added stating Mr. Crisp's account was "confirmed by Mr. Butterworth, the owner of the house, Mr. Lawrence and others. There is some slight discrepancy in the measurements, which, however, does not materially affect the case."

No. 44.—The next case is an illustration of the implicit faith in his dowsing power which Mr. Lawrence appears to have inspired in those who had employed him. The letter, which is too long to quote in full, is from the before-mentioned well-sinker and contractor, Mr. Mereweather, who subsequently found he also could use the rod, and has had some success as a dowser. The following summary gives the chief facts :—

The late Dr. Fox, of Brislington, directed Mr. Mereweather to sink a well to supply the Lunatic Asylum at that place. Instead of sinking at the spot suggested by the contractor, Dr. Fox took him to the Park and after searching found an iron peg driven in the ground, where he told the contractor to sink the well. Dr. Fox gave as his reason that Mr. Lawrence had been over the ground with his divining rod and fixed on that place. The well was sunk 90 feet through Pennant stone and no water found. Dr. Fox insisted that the work should go on, as he had absolute confidence that water would be found, but as the contractor's experience was dead against finding water there, he (Dr. Fox) at last consented to a four inch bore hole being driven ; this was done and after 35 feet had been bored (125 feet from the surface) a large body of water was struck, which has supplied the Asylum ever since, has never failed, and could not be pumped dry.

No. 45.—The following letter gives a graphic account by an eyewitness of the muscular spasm which seems to lay hold of some dowsers (especially Mr. Lawrence) when they are over, or have reason to believe they are over, an underground spring. The letter was sent to me by my friend, Mr. H. W. Whitaker, the well-known geologist. I ought perhaps to add, to prevent misconception, that Mr. Whitaker is an utter disbeliever in the dowsing rod, or in any practical good resulting from its use.

April, 1890.

We went yesterday and saw the divining rod used, and a stranger performance I never saw. The diviner, named Lawrence, an old white-haired, benevolent-faced man, walked about the place for some time, it appeared fruitlessly, holding between each finger and thumb a piece of flat steel wire bent round into a sort of horseshoe shape. This, he told us, would detect minerals as well as water, so that when it presently began to agitate as it did, scriggling, and wriggling, and twisting, and turning in his fingers, he could not say definitely that it was water he had come upon, until he took in his hand a strong forked hazel twig, holding an end of each fork in each hand, and keeping his elbows tightly down to his side. I can only describe the antics of that twig as a pitched battle between itself and him ! It twisted, it knocked about, it contracted and contorted the muscles of his hands and arms, it wriggled, and fought, and kicked, until it snapped in two—and then—what made it painful to watch until you got used to it, the old man reeled, and clutched hold of any one nearest to him for a few moments. It evidently exhausts him very much, though afterwards I asked him what effect it had on him, and he said it only made his heart beat *most* violently

for a short time. Certainly it has not shortened his life ! Having found *that* spring, (I must tell you the wire and twig will not act over *stagnant* water), the farmer asked him to try if there was a spring nearer home. He did not find one until, having gone into the garden, he suddenly came upon one close to the hall door. After that, he went further afield, and found two some distance from the house. He can also tell the direction the water takes underground and the probable depth they will have to bore for it. Mr. C.'s lawyer was there "to watch the case"; he was *most* sceptical, but was obliged to own that if they find the spring he must believe ! He went behind Lawrence, and held his wrists with all his strength, to try and keep him quiet while the twig moved, but he could not.

I asked Lawrence how he found out he possessed the power, and he told us that 60 years ago he saw a cottager do it, so he tried himself, and found he possessed the same property. *We* tried, Lady D. and I, but needless to say, we could do nothing. Lawrence makes no mystery of it, though he cannot explain it ; he says it is a gift. He was asked if he could mesmerise, and he said, no. He held the wire over Lady D.'s watch, and it wriggled just as it had done over the water.

We are going to see the water when it has been found, to see the conclusion of the matter.

In a later letter, dated May 1890, the same lady relates that, the farmer having expressed doubts as to the genuineness of the proceedings, Lawrence was taken again to the farm and *blindfolded*. The rod performed in exactly the same manner, on reaching the spot where it had indicated the water before. They then dug, and found the spring at 15 feet depth.

No. 46.—Lady Dorothy Nevill sent to the *Pull Mall Gazette*, of February 13th, 1897, an account of the successful dowsing for water at a convent at Mayfield, in Sussex ; a place which was once the palace of Sir Thomas Gresham. There being a need of water, the aid of an amateur dowser was sought. He traversed the grounds, and fixed on a certain spot where he said water would be found. Before digging a well a second dowser was called in some time after ; he selected the same spot as the previous one had done. Accordingly a well was dug, and at 30 feet deep water was found. Subsequently they wanted a well nearer the house, and sunk at another spot which both the amateur and expert dowsers had also fixed upon. Again water was found, and boring to a greater depth they have had an inexhaustible supply.

I have also had accounts of this case sent to me by personal friends ; it is interesting, and whilst the fixing upon similar spots by independent dowsers is important, yet we are not told what precautions were taken to prevent any knowledge of the spots chosen by the first dowser reaching the second.

Lady D. Nevill, at my request, kindly forwarded to the Superioress of the Convent a letter I wrote asking for further particulars. In

reply, I was informed that they had little additional information to impart ; but, in answer to my questions, stated the expert was Mr. W. S. Lawrence, and the date of the experiment, June, 1893. The place was Mayfield, in Sussex, and the depth of the well sunk was 270 feet. They did not know what precautions were taken at Lawrence's visit, and so far as they knew no previous attempt to sink a well had been made. The name of the amateur dowser they were not at liberty to give.

Lady Dorothy Nevill says the expert used a watch spring as his divining rod, which was Lawrence's custom, and that "he went into a species of convulsions, shook and trembled at the spots he considered to be over the water."

No. 47.—The next case is taken from the *Bristol Times and Mirror* of May 17th, 1890 :—

Mr. Lawrence marked two spots on the farm of Mr. Prout, Frampton-on-Severn, where he stated springs of water would be found, and in each case, after boring 10 feet, water was struck, and rose to within 6 feet of the surface ; but as many persons said that water might be found in any other part of the field which Mr. Lawrence had passed over, the tenant, to test this matter, directed the men to bore in another part to the same depth, and the result proved the subsoil to be perfectly dry. Both the steward and tenant consider the trial to be most satisfactory, and that Mr. Lawrence possesses, in a most remarkable degree, the power of finding water by aid of his divining rod. The following letters on the subject, have been received by Mr. Lawrence :—

"Dursley, *May 10th*, 1890.

"I have seen the two places at Mr. Prout's farm where they bored at the spots indicated by you with the divining rod, and in both places there appears to be a good supply of water. Mr. Prout told me that he had also bored at a place between the other two, and which you had passed over without indicating water, and found the subsoil perfectly dry. This is a very satisfactory proof that you possess an extraordinary power of indicating where water is to be found.

TREWREN VIZARD.

"The Park Farm, Frampton-on-Severn.

"DEAR MR. LAWRENCE.—We thought you would be pleased to hear that, after a few hours' work, on Friday the men came upon a spring of water about ten feet down, the spot being just outside the garden gate, on a line with the place in the garden. We have since bored at the place where you first declared there was a spring, and likewise found, at just about the same depth, and the water rises to within nearly six feet of the surface of the ground. Because some people were suggesting that perhaps water might be found anywhere in the same ground, we have made the men bore to the same depth midway between the places where water has been found in springs, and none has been found there ; so I should now think that every one must be convinced and satisfied that you can find a spring of water.

KATE PROUT."

No. 48.—I will conclude this group by quoting two or three letters addressed to Mr. Lawrence, out of many similar testimonials that I have read. The first is a letter from Samuel Lang, Esq., Bristol.

After vain endeavours to obtain a supply of water for my kennels, and sinking 130 feet deep, I was advised to send for you, who, by aid of your divining rod, in my presence, indicated the spot within 20 feet of the spot where I had sunk, and directed me to drive there, which I did, and obtained at 30 feet deep most plentiful supply. I have the greatest belief in your powers with the divining rod.

SAMUEL LANG.

No. 49.—The next (from the Ely Paper Works, Cardiff), is quoted in answer to an objection sometimes made that no *large* supply of underground water has ever been found by a dowser.

May, 1888.

At your request we have much pleasure in stating the result of your visit to our works. We sunk two wells in spots marked by you; in the first one we have a supply of over 20,000 gallons per hour at a depth of 31 feet; and in the other, about 300 yards away from the first, a supply of 12,000 to 14,000 gallons per hour of spring water.

EVANS AND OWEN.

Again, we have the following addressed to Mr. Lawrence:—

No. 50.—From the Bristol Municipal Charity Trustees.

February 26th, 1892.

In reply to yours of yesterday's date, I am directed by the Trustees of the Bristol Municipal Charities to state that they have much pleasure in recording the fact that you were most successful with your divining rod in discovering water at the spot on their estate at Burnett, on which they afterwards bored, though the surface certainly afforded no evidence of the presence of water there.

FRED. W. NEWTON, *Secretary*.

(β) MR. W. MEREWETHER.

The name of *Mr. Merewether* has occurred in connection with some of the preceding cases. It will be convenient if I give here the account Mr. Merewether has kindly sent me of his own use of the dowsing rod, for he found it was so successful in his hands that he constantly uses it now when consulted about the best site to sink a well, his business being that of a well-sinker and contractor at Bedminster, near Bristol. Those who regard a professional dowser as a professional rogue will be surprised to hear that Mr. Merewether, like the late Mr. Lawrence, is highly respected in his own neighbourhood. He is a Poor Law Guardian and Vice-Chairman of the Board. He was also for three years on the Bristol Town Council.

In reply to my enquiries, Mr. Mereweather gave the following account of his powers :—

South View House, West-street, Bedminster, Bristol,

May 1st, 1893.

For the last 45 years I have been more or less engaged as a contractor for water works, and in a great many cases I have executed the work for Mr. Wm. Scott Lawrence, who is noted for his power to find water. Finding what Mr. Lawrence said to come true, although I did not believe in the divining rod, I made an engagement to meet him, and after he had used the twig or steel spring, and pointed out where the water was, I asked him to let me try, and to my great astonishment, I could not keep it down, the tighter I held it the greater the indentation it made in my fingers, until I was obliged to let it go. It is about 16 years ago since I first tried it.

I do not know whether this power is hereditary, but I find that my youngest son can use it as well as myself. I do not notice any particular sensation in using the spring, but upon coming over underground water it suddenly seems to stiffen in my hands, raises itself up and turns towards the body. I notice there is a quicker motion wherever I find, on boring, the water is near the surface, or if there is a plentiful supply deeper down.

In the year 1880 I was consulted respecting the water supply at the residence of the late Captain Quayle, Backwell House. The house is situated nine miles from Bristol and stands 700 feet above the level of the sea. The hill is of mountain limestone. Hitherto the house had only been supplied with rain-water. At about 200 yards from the house there was a well, which had been sunk to the depth of 110 feet, but no supply of water could be obtained. I tried the steel spring round the well, but no action was produced upon it. After trying in different parts some time I came across a spot some 70 yards from the house where the spring turned vigorously. I traced the water some little distance across the lawn to a spot where it was decided to bore a three inch hole. This was done and at 60 feet deep we struck a good supply of water, which rose 10 feet in the bore hole.

In the year 1884 I found water by using the steel spring, at Messrs. James and Co.'s brewery, Midsomer Norton; the depth from the surface to the water was 12 feet; the stratification was conglomerate stone.

In 1886, the water supply of the workhouse at Bourton (Bedminster Union) was very deficient. I pointed out a spot where water could be found, a well was sunk through the new red sandstone formation to the depth of about 40 feet, a good and abundant spring of water was struck, the supply kept up, and the water is being used to-day. About two years ago a supplementary supply was laid on from the Bristol Water Works Co. main, chiefly because of the improved sanitary arrangements in the house.

In 1890, new oil tanks and stores were erected at Avonmouth. We were consulted respecting the water supply for the engine, boilers, etc. I found them water, and sunk a bore hole to the depth of 68 feet; the water rose to within 12 feet of the surface, and was pumped direct from bore hole, but after some time was given up, because the water was brackish, the hole being close to the tidal river.

In October, 1890, the Rev. C. O. Miles consulted me respecting a water supply for some 20 cottages and a cottage hospital that has since been built

at Almondsbury ; after some time searching I found water, and sunk a well to the depth of about 30 feet in the blue lias formation. The water rises to within 8 feet of the surface ; it is pumped to a brick reservoir on the hill, and from this reservoir flows by gravitation to the stand-pipe and houses in the locality, and I believe the supply is sufficient for all their requirements.

In 1891 we found water and sank a well at a new house belonging to Miss Lippingcote in the parish of Over, adjoining Almondsbury ; the well was 44 ft. deep, the bore hole 50 ft., a very good household supply was obtained, and I have not heard it has ever failed. The stratification was an up-lifted coal shale.

In 1891 we opened a new brick-and-tile works at Parson-street, in the parish of Bedminster ; the extent of our land is about 6 acres. Knowing that for this class of works and for steam purposes a great quantity of water would be required, which would be a very heavy item of cost if purchased from the Water Works Co., we decided if water could be found to sink a well. I tried the spring over a large portion of the land without any success and was on the point of giving it up, when within 6 ft. of our boundary the spring turned up, and I knew we were over the water. We sank the well 30 ft. through red marl, and bored 30 ft. through new red sandstone, when we struck the water at a depth of 60 ft. It rose to within 12 ft. of the surface. The whole of the water that has, and is still being used, for the whole of the works, which we approximate at about 5,000 gallons per day, is being drawn from this well, but at the very driest time the water in the well is within 16 ft. of the surface.

W. MEREWETHER.

Mr. Merewether, in reply to my enquiries, states that in all the above cases, and in many other trials (some of which he sent me subsequently), he employed a forked twig or steel spring to indicate where to sink ; he does not pretend to explain *why* the spring moves, but he has great faith in it.

No. 51.—The Rev. C. O. Miles, Vicar of Almondsbury, in reply to enquiries writes as follows :—

Vicarage, Almondsbury, *May 21st*, 1893.

Colonel Master wished to supply water here to many of his cottages, and the finding of a supply close at hand was a very important matter. Watching, myself, the rod being used, I saw it rise up again and again when crossing veins of water known to me, but unknown to the operator. When the watch-spring used for the purpose was discarded, and strong forked rods cut from a hedge were used, these broke off short when crossing the veins of water. They were held in such a position, downwards, as to prove that the force that impelled them upwards was not naturally exerted by the operator ; and when I add that the operator was Mr. Merewether, of Bedminster, I have written enough to prove that no fraud on the part of the operator is even conceivable. I should add that Mr. Merewether is quite unacquainted with this parish.

C. O. MILES, Vicar of Almondsbury.

GROUP IV.—(a) MR. JOHN MULLINS.

One of the most remarkable of the records of successful dowsing that I have obtained is the next series, where the dowser is the late *Mr. John Mullins*, of Colerne, Chippenham, Wilts, who for 30 years was professionally engaged all over Great Britain and Ireland in finding water springs by the divining rod. In business he was a well-sinker, and, if allowed to follow the indication of his rod, agreed I understand,



THE LATE MR. J. MULLINS.

to receive no payment for sinking a well if a good supply of water were not obtained. When one remembers the heavy outlay involved in making a well, often through solid rock to a depth of 70 to 100 feet or more, this agreement is a forcible illustration of the faith Mullins had in his divining rod; a faith that appears justified by its works, for Mullins had probably sunk more wells than any other man. Mr. John Mullins, whose portrait is here given, was only 56 when he died

in May, 1894; he was quite an uneducated man. His sons carry on their father's business. One of them, Mr. H. W. Mullins, seems to have developed the faculty of water finding, as several successful cases of his are quoted at the end of this group.

Some striking instances of Mullins' success were given in Vol. II. of the S.P.R. *Proceedings*. The volume of testimonials which Mr. Mullins has published is a remarkable collection of evidence on behalf of the practical usefulness of dowsing, and also contains an account of the manner in which Mullins was found to possess the faculty of dowsing. In the lengthy list of those who have employed him to find water, and have been led by actual experience to have faith in the dowsing rod, will be found nearly a score of distinguished noblemen, more than a dozen owners of breweries and distilleries, or of paper and cloth mills and print works; town commissioners, and clergymen; and landlords and their agents by the dozen. To many of these I have written and obtained corresponding statements to those printed by Mullins.

It is impossible to quote more than a few of these cases, and I shall therefore confine myself, as far as possible, to those which are of evidential value, that is, where unsuccessful attempts to find water by boring had been made in the neighbourhood prior to the dowser's visit.

No. 52.—The first case I will quote is a remarkable one, and I have to thank Mr. and Mrs. Christie-Miller for the trouble they have taken in obtaining for me the particulars here given. Mr. Christie-Miller writes:—

Britwell Court, Maidenhead, *December 5th*, 1891.

Mr. Mullins came to us at Broomfield, Chelmsford, in June this year, and marked a number of springs. Two wells have been dug with great success. The depth in the first was exactly that indicated (40 feet), the direction of the spring also coincided. In the second case, the depth foretold was 50 to 60 feet; water was reached about 40 feet, the spring being very strong.

Mr. Mullins' next visit was at Kircassock, Lurgan, Ireland. Out of 17 springs marked we have so far tested two. The first well coincided in depth and quantity with his expectations. The second yielded about 50 gallons per hour at 40 feet, and is now being bored to 60 feet, the depth foretold.

W. CHRISTIE-MILLER.

In a subsequent letter Mrs. Christie-Miller tells me that the first well at Kircassock was 15 feet deep, the depth predicted, and supplies cottages; the second well supplies the house, garden, and stable-yard.

In reply to my enquiries Mrs. Christie-Miller writes :—

Britwell Court, Maidenhead, *December 31st*, 1896.

As my husband is just leaving home, I write in reply to your enquiries. Our experience of the divining rod extends over nearly seven years. We were first persuaded to experiment in a place where we had bored some 1,000 feet without success. After Mullins left we again sunk on the spot indicated by him, which was only a few yards off, and at between 80 and 90 feet in depth, came on a spring which has proved excellent ; yielding over 50 gallons per minute. Since then we have successfully sunk both in Essex and on our Irish estate, Kircassock (near Col. Waring's), so far without a failure.

We are unable to quote an instance of failure with the divining rod, and can therefore speak most confidently in favour of water finding by the twig. We have seven wells sunk after marking by Mullins with his rod.

M. E. CHRISTIE-MILLER.

In reply to my further enquiries Mrs. Christie-Miller writes :—

Britwell Court, Maidenhead, *January 4th*, 1897.

Mullins first worked for us in 1889, at Waterford. He was not aware of the attempt to find water by the Diamond Boring Co. who guaranteed to find it. When the boring failed at 1,000 feet, we were most reluctantly induced to have Mullins. The man marked several places, but said at one spot the several springs met, and we should succeed at between 80 and 90 feet. The same company were set to work and found a splendid spring at the spot marked by Mullins, at, I believe, about 84 feet. The supply has never varied or failed. In each instance Mullins' estimate of the yield per hour and depth were marvellously accurate. Mullins, after marking the site of well at Waterford, was taken to the abandoned boring, and said even at 2,000 feet we should fail. One of our Essex neighbours who had sunk in vain repeatedly had Mullins with marked success, after he had been with us.

M. E. CHRISTIE-MILLER.

Mrs. Christie-Miller kindly writes again in reply to my wish for *exact* measurements :—

January 8th, 1897.

As regards the Essex well, the measurement of 40 feet 6 inches I know to be exact.

In reply to my enquiries I received the enclosed answers to my questions about the wells at Waterford ; they are written by a gentleman on the spot who was a strong disbeliever in the divining rod, and opposed Mullins being brought. He walked with him over the ground and had the man guarded so that no one should give him a hint of the existing bore.

These figures you can use, and depend on their accuracy. I do not think you can find a stronger case.

M. E. CHRISTIE-MILLER.

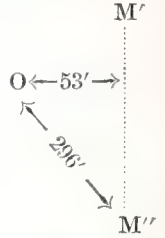
Enclosure.

Exact depth bored by Diamond Boring Company without finding water?

Answer : 1,011 feet.

Distance from this boring to place marked by Mullins?

Answer : 53 feet. This is the shortest distance: Mullins said we would find water anywhere in the line between the two places where he made his marks. One mark, M', is in Hodges' field; another, M'', is where the pump is. This latter is 296 feet away from the deep bore hole, O.



Exact depth of boring in Mullins' well? Answer : 79 feet.

Yield of water from this well? Answer : 3,000 gallons an hour have been tested.

This case is rendered more important, as I have since learnt that the best geological advice was sought prior to Mullins' visit, but the boring made under that advice yielded no water. It seemed advisable, therefore, in this case to make a careful study of all the facts: this was done, and the details are given on a subsequent page, under the heading of "The Waterford Experiments."

No. 53.—Through the kindness of my friend, the Rev. Maxwell Close, M.A., of Dublin, I received the following account from Colonel Waring, M.P., of some of Mullins' operations in Ireland:—

Waringstown, cō. Down, November 5th, 1891.

Mullins was employed by my neighbour, Mr. Christie-Miller, at Kircassock, and I was asked to see him at work there. He then volunteered to come to Waringstown, and did so the next day. He first walked across the gravel on the garden side of the house, and detected the source of the cellar well, at once saying it was a small and shallow spring, which is so. He then went into the yard and tried for a deep well there, and told us that it was sunk 12 feet to the eastward of the proper line, and that an abundant supply would be got by boring a tunnel from the bottom of our present well horizontally that distance. He then went over the fields and marked several places where water was to be found, some of which were known to me as such (but not to him or to any one else present). He found a covered-up well in an adjoining tenant's farm; the tenant, however, a young man, said the well was situated 12 or 15 yards from where Mullins said it was. But when the "oldest inhabitant" was summoned, Mullins proved to be right and the tenant wrong.

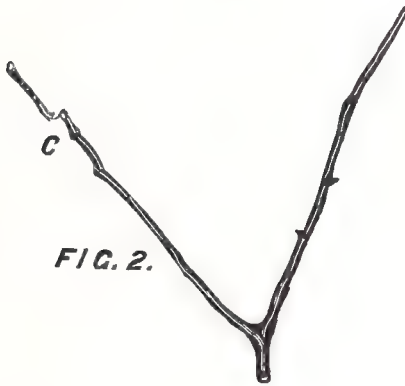
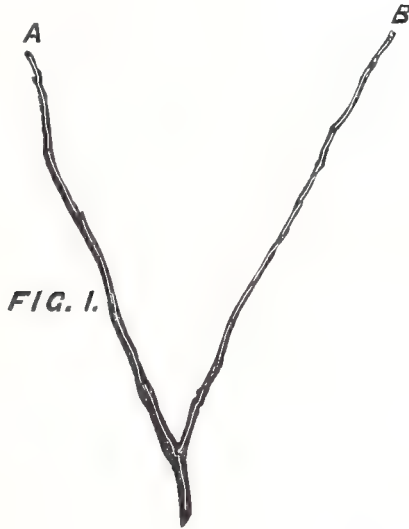
The gold-finding was not done by him here, but at Mr. James Bruce's. Mrs. Bruce hid half-a-sovereign in the gravel of a walk and sent Mullins to find it. She said to her husband: "He has passed the place"; a few steps further Mullins stopped and the gold was there, and not where Mrs. Bruce had fancied she put it.

Harwood, my gardener, can turn the twig for water nearly as well as Mullins. . . . There is no trick; firstly, I watched Mullins closely; secondly, Harwood is incapable of deceit, and, lastly the twig turned in my

own hands when Mullins grasped me by the wrists. Mullins cannot do it if placed on a stand insulated by four inverted tumblers or glass bottles; his feet must touch the ground.

Mr. Christie-Miller has sunk wells here, at Waterford, and in Essex, at Mullins' direction and never failed to find water at the depth and in the volume promised.

THOS. WARING.



In a subsequent letter Colonel Waring writes:—

Waringstown, co. Down, *November 11th, 1891.*

I send you herewith two of the “Dowsing” or divining rods, for discovering water or minerals; a fresh cut one (Fig. 1) and one after being used by Mullins (Fig. 2).¹ The portion nearly twisted off the end of it (C, Fig. 2),

¹ The cuts are drawn from photographs of the twigs sent me by Col. Waring. In Fig. 2 (the one actually used by Mullins), the end was nearly twisted off, only a shred of bark remaining at C. The twigs are of pliable green wood, about 15 inches in extreme length, three-sixteenths of an inch diameter at A and B, and a quarter of an inch diameter (not quite as thick as a cedar pencil) at the junction.

will show the action ; it was done while I was looking on, and no movement of the hand was made to occasion the twisting. In fact, if you hold the rod, or rather fork, as directed, such action, whether voluntary or the reverse, on the part of the operator is impossible. You pass the ends of the fork between the second and third fingers of the hand, palm upwards, and close the thumb and first and second fingers tightly on the points of the fork (A and B, Fig. 1) and hold it, apex downwards, out before you ; when you come on the spring the apex of the fork bends forward and upward, and if one end be held tight and the other allowed to revolve it will twist itself nearly (or quite) off, as in the specimen (Fig. 2.) The violence of the action, Mullins says, depends on the volume and proximity of the running water.

THOS. WARING.

I enquired from my colleague, Prof. Cole, F.G.S., what chance there was, (geologically speaking) of finding water at Col. Waring's ; Prof. Cole replies :—

Waringstown, 3 m. S.E. of Lurgan, Co. Down.

Depends entirely on exact spot of boring. In town and West, Ordovician rocks, and no chance. Immediately East of town, admirable chances, through Triassic Sandstone,—the farther E. for a mile or so, the better.

Whereupon I wrote to Col. Waring to know the exact position that Mullins had fixed on. Col. Waring replies :—

All the places at which Mullins said water would be found are *West* of the village, as it is on that side my demesne is situated, but I have not as yet sunk for water.

I trust, therefore, Col. Waring will, from the scientific interest of the question, if for no other reason, make the horizontal tunnel, 12 feet long, recommended by Mullins, and note the result.

With regard to the insulation on glass tumblers stopping the motion of the twig, the same result was found by Col. Waring's gardener (see No. 5). It seemed desirable, therefore, to make a decisive experiment to test this electrical belief held by nearly every dowser. Through Col. Waring's kindness I was enabled to do so, and paid a visit to his beautiful estate for this purpose. The result I have given in the theoretical discussion towards the end of this paper ; suffice it to say that, as might be expected, the inhibitory effect is *not* due to insulation, but entirely to the preconceived idea on the part of the dowser.

No. 54.—In *Notes and Queries* for October 24th, 1896 (8th series, Vol. X., p. 345), occurs the following evidence from Mr. Leeson Prince, F.R.A.S.

The Observatory, Crowborough Hill, Sussex.

THE DIVINING ROD.—I must confess that I have been converted to belief in the power of the divining rod, and for the following reasons. Some eight or nine years since a stranger called upon me respecting a contemplated local

improvement, and upon leaving me he said that he was a person who made use of the divining rod to find water. I took him into my garden and asked him to point out where water would be found. After wandering about over nearly an acre of ground, he came to a spot which he said would be successful. He then left me, and I thought no more of it. About three years since, a lady bought this property of me, and, having a large establishment, she was rather apprehensive of not finding a sufficient water supply. I pointed out to her the spot where it had been stated to me that water would be found. She did not, however, pay much attention to this, and dug for water in another part of the property; but she was not successful. Without having any further conversation with me, she sent for a "diviner," who, after walking about in various directions (and without her having mentioned to him what the other person had said), told her that she would find abundance of water if she dug down at a certain place which was within a yard of the same spot which the former person had pointed out. She accordingly acted upon his information, and at a depth of rather less than twenty feet she found an ample supply. When the lady saw the twig point downwards in the man's hand, she expressed a wish to try if it would act in the same way in her hand; which, of course, it did not. He then told her that if he put his hand upon hers it would, which it accordingly did. I may say that I report this case from personal information of the facts. Only a few weeks since I heard of another successful case, in an adjoining parish, precisely similar to the above in every particular.

C. LEESON PRINCE.

I wrote to Mr. Prince for further information and he replies as follows:—

The Observatory, Crowborough Hill, Sussex,
October 26th, 1896.

The lady I mentioned is Mrs. Gresson, and her property lies between my observatory and Dr. Roberts', F.R.S. The dowser who came to her was J. Mullins, from Colerne, who, I believe, is now dead.

C. LEESON PRINCE.

No. 55.—The following is taken from *The Garden* of April 11th, 1885. The writer is Mr. Crump, of Madresfield Court, Malvern:—

Many successes in finding water on Earl Beauchamp's estates could be named; in fact, not a single failure is known. Amongst the most recent consultations with Mullins was one concerning a well that had been sunk 116 feet without finding water. Mullins selected a spot a few yards distant, where, at a depth of 50 feet, an inexhaustible supply was found by him. He again selected a spot, naming water at 30 feet deep, and it was found at 27 feet. Many other instances could be mentioned, and so certain is he of his power that he offers to dig the wells without charge if proved wrong in his judgment.

Mullins was engaged to find some water on an estate at Madresfield last week, and on the day before his visit we prepared for him a series of severe tests. No. 1 was to send him into a field which he had never seen before, in which a six-inch socket glazed pipe drain conveyed a stream of water to

supply the moat. On the surface there was not the slightest trace of this drain, the depth of which was about three feet. All being in readiness, Mullins commenced to cast about with his twig, when, to every one's astonishment, the moment he came upon, or over the water, up went the twig to the perpendicular. He further proved the exact subterranean position of the drain again and again. No. 2 test was similar to the last, but the pipes in this case were of iron rather deeper. Nevertheless the result was equally satisfactory; of course every member of the party tried to use the rod, but amongst them only one young lady had any influence over it.

Madresfield Court is the property of Earl Beauchamp, and Mr. Crump is the head gardener. In reply to my enquiries, Mr. Crump writes as follows :—

The Gardens, Madresfield Court, Malvern,

February 22nd, 1897.

The enclosed [*i.e.*, the above] account is strictly accurate, and could be corroborated by the Rev. G. S. Munn, of this parish, and by several others. Our tests were deeply planned, but Mullins was always correct. He has been employed here on many occasions since. I became a convert against my will, and so did others. Some of us held the hind part of the twig when in Mullins' hands, and we could feel the strong power of the twig to rise erect.

W. CRUMP.

In a subsequent letter Mr. Crump writes to me as follows :—

The Gardens, Madresfield Court, Malvern,

February 27th, 1897.

Mullins must be seen at actual work before scepticism can be entirely overcome.

The Rev. Mr. Munn and myself prepared the test, unknown to Mullins, who, in fact, was unaware he was being tested. The first test was to send him across a part of the pleasure grounds, where we knew lay six inch glazed earthenware pipes, conveying [running] water. As these pipes did not lie in the direction that a person would expect, judging from the surface, the test was a fairly "dodgy" one; but the moment Mullins' twig reached the point where the pipes lay, up went the twig, and Mullins there and then said what was quite true, and pointed out, with the help of the little twig (previously cut from the nearest bush), the exact course of the water. He also was tried over other (iron and lead) pipes, very deep in the ground, all with the same result. He told us also of springs of water in various parts of the fields that he tried for us, but we couldn't prove this.

Mullins was such an unassuming man, and was most willing and communicative to all. He showed us how glass insulated him.¹

W. CRUMP.

¹ Mr. Crump then describes how the twig would not move when Mullins was insulated, which, as already explained, is merely due, in all probability, to the influence of a preconceived idea.—W. F. B.

I wrote to the Rev. G. S. Munn, and he kindly replied as follows:—

Madresfield Rectory, Malvern, *February 24th, 1897.*

In reply to queries respecting Mullins and water-finding, I may say that I was told off to test Mullins on his first visit to Madresfield. Snow was on the ground two or three inches deep, entirely obliterating all external indications of water. Knowing the locality well, I took him alone in a line across two places beneath which water ran. One of these had been laid down so many years before that I believe it was known only to myself. In both cases the rod turned up exactly on the spot. I won't trouble [you] with other instances where, as in the above, all collusion and deception was quite impossible, except to say that on one of Lord Beauchamp's farms, which had been very short of water for many years, after much searching, he indicated a spot where water would be found at, so far as I remember, from 20 to 30 feet below the surface. A well was sunk through the rock; the water was found, and I believe there has been an ample supply since.

On the last occasion Mullins was here, a considerable number of persons came to see his performances; many tried to see if they had the power. When all had failed, I persuaded one of my daughters to take the rod, and to my great surprise, it acted in her hands as well as in Mullins'. She has used her power on some few occasions to find water for friends, and also to convince those who have doubted the possibility—as I did, entirely, before I was convinced.

If you saw the rod act when in the hands of those who have the power, you would see at once that no possible action of the hands could produce the results. I shall be happy to answer any further questions; or, if you should be in these parts, you can see for yourself.

GEORGE S. MUNN.

P.S.—Since writing the enclosed, I have been talking to my daughter, and she thinks that her power, from some cause or other, has considerably decreased.

No. 56.—I am indebted to my friend Mr. W. R. Bruce (one of the Masters in the Queen's Bench Division of the High Court of Justice in Ireland), for a record of a similar experiment he also tried with Mullins. Master Bruce writes to me as follows:—

Rockford, Blackrock, Co. Dublin, *May 6th, 1897.*

I engaged Mullins to come here for a day on his way back from my brother's, where I had seen him try for water. To test his powers I took him into my yard, across which a small pipe ran underground, supplying the house with water from the main. Before doing this I turned the cock and stopped the flow of water. Mullins passed the pipe and the rod gave no sign. While he and the persons about him were engaged in this, I went into the house unobserved, and having turned on the cock suggested his again making a circuit of the yard. He did so, and when he crossed the pipe, the rod turned up, the water then not being stagnant, but flowing through the pipe. There were certainly no signs in the yard to show that a pipe had been laid under the ground, and I am convinced there was no audible sound of running water, and nothing in my action to give Mullins any hint on the subject.

I put him to another test ; he said that gold had the same effect as water. While he was in the house getting his dinner, I went out and hid half-a-sovereign in the ground on the marked line of a tennis ground. I am certain no one saw me do this. I then took him out and told him to try and find the coin, which was some place under the line. He did find the coin. I am certain that nothing in my face or manner gave him any indication of where it was, and it was absolutely impossible for any one to have discovered it by eyesight. In fact, I had some difficulty in finding the exact spot myself. I should add that in going round the tennis ground the divining rod turned up two or three times before Mullins arrived at the spot over the coin. This he accounted for by saying there was water there, which is quite comprehensible.

WM. R. BRUCE.

No. 57.—Master Bruce having told me his brother, who lived in Gloucestershire, had found difficulty in obtaining a water supply until he employed Mullins, I wrote for particulars, and obtained the following interesting evidence :—

Norton Hall, Campden, Glo'stershire, *April 23rd, 1897.*

With reference to Mullins, it is about 12 years since he came here. I believe he had never been here or in the neighbourhood before. We sunk at three places pointed out by him, and got water at each of them. The sub-soil here is blue lias clay, and goes down a great depth. A friend of mine, who bored near here five or six years ago got down over 1,200 feet before he got through the clay ; this clay is quite impervious to water, the neighbouring hills are oolite brash.

This house is built on a levelled or terraced slope. When Mullins first got to work at the hall door, before he had gone 10 yards he stopped and said there was water there, but it was not a convenient place to sink, so we went on. It was some time before he got to another place, which was in the stable yard ; there he said we would find water at about 30 feet. When we came to sink, we got to water at about the depth he said, which rose at the rate of about 6 feet a day (that is, 24 hours) till we had about 20 feet in the well of about 3 feet diameter. We then tried another place he pointed out, with a similar result. Then the men who were sinking for me, local men, said that any one would know how to find water there, that there was water anywhere along the bank, meaning the slope on which the house stands. I told them to go and pick a place and try. After some discussion, they sank close to my lodge ; when they had got 30 feet down they had not got water, and they said there was no use going further, as they were then down into the blue clay ; at the end of a week there were not 6 inches of water in that well.

We then tried another place that Mullins had marked close to the house, and about 20 yards from the place where he first stopped by the hall door. Mullins had told us we would find a very strong spring here, about 20 feet down. When we got about 12 feet down, we got signs of water, and when we got 17 feet the water came so fast the men could not sink any further ; it was a case of getting out three buckets of water to one of clay.

The men that were sinking had up to now rather scoffed at Mullins' theories, but now the head man said, "This man must know something more than we do after all, for this water is coming through a vein of gravel not bigger than my hat, and if we had been three feet one side or other of it we would not have got a drop;" these men were well sinkers by trade. This well did not hold out when we got a long spell of dry weather, and I always think that there is an underground connection between it and the well in the stable yard, and also with another one in the house yard, and this well being the shallowest of the three gives out; probably the vein of gravel runs on and connects with the others. Once, in a very dry time,—1887, I think,—it was the well in the stable yard failed, and we had a lot of water from a pond filled into it; we found that the well in the *house yard* rose as we filled into the one in the *stable yard*, and the water was dirty like pond water. I don't think I can give you any more information on the matter.

Mullins also found a half-sovereign that I had buried in a walk we were then making. I would have lost the half-sovereign if it had not been for him, as I was so careful not to put any mark lest he might notice that I was not able to find the place myself, and when he stopped and said it was under his foot, I thought he was wrong, but there it was!

S. BRUCE.

In reply to my enquiries Mr. Bruce writes:—

Norton Hall, Campden, Glo'stershire, *April 29th*, 1897.

Yes, certainly, this neighbourhood is *very* badly watered, and springs few and far between, at least those that are known to exist. As I mentioned, we are on the blue lias clay, and in one case this was found to go to a depth of over 1,200 feet. I have not the exact figures of the boring, but I think it was 1,250 feet of clay, and then they went on over 100 feet more and got no water that they could utilise.

S. BRUCE.

The finding of the half-sovereign in both these cases, as elsewhere, must be considered in connection with the specific experiments made in this direction, to be related later on. Though the foregoing are certainly striking successes, I see no reason to doubt the explanation already given, which is discussed more fully on a subsequent page.

No. 58.—The next case is quite as remarkable as Mr. Christie-Miller's experience. Here also the best advice was obtained and some £1,000 spent fruitlessly searching for an underground spring prior to the dowser's visit. The first notice of this case appeared in a local newspaper, the *West Sussex Times and Sussex Standard*, from which the following letter is reprinted:—

Warnham Lodge, Horsham, *January 3rd*, 1893.

Having had very great difficulty in the supply of water to this house, I sent for John Mullins, of Colerne, near Chippenham, who, by the aid of a twig of hazel, pointed out several places where water could be found. I have sunk wells in four of the places, and in each case have been most successful.

It may be said that water can be found anywhere—this is not my experience. I have had the best engineering advice and have spent many hundreds of pounds, and hitherto have not obtained sufficient water for my requirements, but now I have an abundant supply.

I certainly should not think of sinking another well without previously consulting John Mullins.

HENRY HARBEN.

Further details of this case are given later under the head of *The Horsham Experiments*.

No. 59.—Having heard from Mr. Harben that a neighbour of his at Horsham had sunk two wells with very poor results, but that an abundant supply had been obtained at a spot indicated by Mullins, I wrote for particulars, and received the following letter from the owner of the estate in question :—

Hedgecocks, near Horsham, Sussex, *May 3rd*, 1897.

There were two wells previously, but only land springs, about 27 feet deep, and apt to get dry. I then employed Mullins, and sank a well at a place where he said I should find water. The result was I found a good supply at about 26 feet. The water was found within 6 inches of where Mullins divined it.

I have employed him since with equal success with three wells.

WILLIAM RENTON.

No. 60.—The following is from Mr. F. Bastable, 14, Foskelt Road, Fulham, and appeared in the *Carpenter and Builder*, of September 30th, 1892. The contractor of the Somerset and Dorset Railway, Mr. T. A. Walker, here employed Mullins under the following circumstances :—

At the Shepton Mallet Station, on that line, it was decided to sink a well close to the rails to supply water for the locomotives. We had sunk a depth of 250 feet entirely through blue lias rock as dense and hard as possible, and as dry as a bone, and began to look upon it as a forlorn hope, when Mr. Mullins was mentioned as a man likely to help us in the matter. After much hesitation and fear lest it should turn out to be a hoax—we were very incredulous—it was decided to ask the advice of Mr. Mullins, who came at once, and with very little trouble discovered for us close at hand that for which we had sought so long. . . . The most favourable spot was found to be about 50 feet from our well. Mr. Mullins, from his observations of the action of the forked twig, advised us to commence and drive a heading about 50 feet down the well, and under [where the twig turned] we should have abundance. This was done, and when at that spot our miners had to rush out and up for their lives, leaving behind them their steel drills, hammers, clothes, etc. The well soon filled up, and when we left in 1879 the water was within 12 feet of the surface.

We procured two pairs of smith's tongs to see if the twigs did actually twist, and held them in a tight grip, with one pair securing the tips and the

other the fork, but the contortions still went on between the points held. What the power consists of I am still at a loss to conceive ; but this I know, not one of us present at the operation had any doubts afterwards as to his ability in discovering water in the earth.

In a letter to the *Daily Graphic* for March 30th, 1892, Mr. T. J. Hickes, of Truro, describes this same case. He writes from a personal knowledge of the facts, but both he and Mr. Bastable appear to write from memory, and it is, therefore, not surprising that the figures they give do not quite correspond. Mr. Hickes remarks that the water was found exactly at the spot Mullins predicted and came with such force that the well sinkers had to fly and leave everything. Mr. Hickes adds, "I have used the divining rod on many occasions myself to find and trace springs and thus been able to be of benefit to others."

Mr. F. J. Clark, F.L.S., who lives in Somerset, and kindly sent me one or two cases in Group I, writes to say he is well acquainted with the foregoing facts, which came to his knowledge at the time they occurred, his father being then a director of the line. Mr. Clark adds :—

I went to see my father on receipt of your letter, and he tells me that the account you have printed [as above] is correct, though his impression is that the well was not quite so deep.¹ My father proposed their having a dowser from the first, but the contractor laughed at the idea ; however, afterwards he was very sorry he had not taken my father's advice at the beginning.

No. 61.—I have to thank Mr. Clifford Gibbons for the following interesting case :—

Great Walstead, Lindfield, Haywards Heath,
January 7th, 1897.

In reply to your letter, I have much pleasure in giving you particulars of the success of Mr. Mullins in finding water on my estate.

Three old wells, 20 feet apart, sunk without the dowsing rod, are 50 feet deep and communicate with each other by means of a tunnel. About 150 yards to the west of these, and at the spot indicated by Mr. Mullins, a large supply of water was found at a depth of 30 feet, and with much difficulty the well was sunk another 15 feet. There are two wells both about 50 feet from the above, one being to the north- and the other to the south-east ; the latter is a very old farm well. When these two wells are dry, as they were last season, Mr. Mullins' well stood at 12 feet of water, and at least 1,000 gallons a day were pumped out. The three wells first mentioned were pumped once or twice a week, but gave only a little water.

The most remarkable thing to me is, that when Mr. Mullins was surveying the ground with his rod, I tried it myself without any result, but on going over it again with my wrists held by him the twig rose in my hands in the same manner as it had done in his.

¹ On further enquiry, Mr. Clark informs me the depth was 100 feet.

The thing is altogether a mystery to me, but certainly if I were to sink another well, I should get Mr. Mullins to select the spot, as I have spent very large sums of money almost fruitlessly before I knew him.

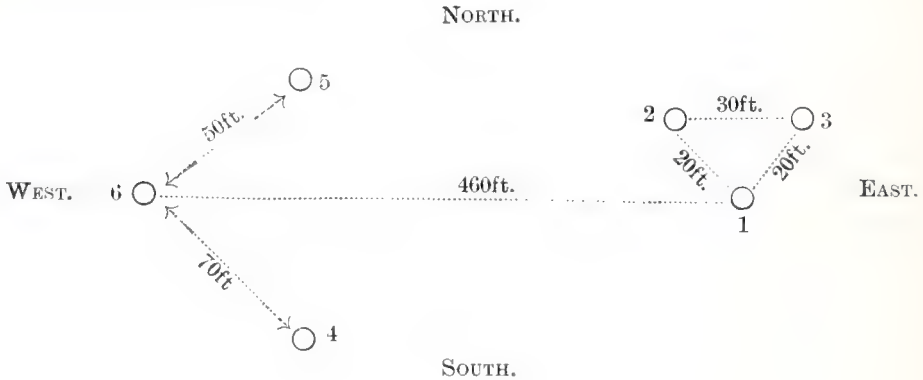
Any further particulars you may desire, I shall be pleased to give you.

S. CLIFFORD GIBBONS.

Writing again to Mr. Clifford Gibbons, I asked him to give me the exact depth, distance apart, and relative level and position of the wells. Mr. Gibbons replied as follows :—

Great Walstead, Lindfield, *January 20th, 1897.*

The accompanying rough sketch plan shows the relative position of the six wells on my estate at Lindfield.



Nos. 1, 2, 3, are the old wells about 50 feet deep. Nos. 4 and 5 wells are about 28 feet deep, the surface level of these west wells being about one foot higher than those at the east. No. 6 well is the one made by Mullins. It was commenced in October, 1893; abundant water was found at 30 feet deep, but it was sunk to 45 feet.

Nos. 1, 2, 3, 4, and 5, were almost dry in September and October last, but No. 6 well stood with about 12 to 16 feet of water in it, and supplied all the water that was required.

S. CLIFFORD GIBBONS.

This remarkable case would be still more instructive if Mr. Clifford Gibbons would sink either No. 4 or 5 well two or three feet lower, and see if the supply found in No. 6 would be reached. I wrote to ask Mr. Gibbons if this could be done as a matter of scientific interest, but he replies it is impossible at present, "as it might disturb all the pumping arrangements I have, which are most satisfactory, and the supply of water excellent from Mullins' well."

No. 62.—The next is from Mr. E. G. Allen.

Highfield, Metheringham, Lincoln, *March 25th, 1893.*

Having frequently availed myself of Mr. John Mullins' services during the last 20 years, I can say I have never known him to fail. I have sunk six wells, two on a heath farm about 30 feet deep (surrounding wells measuring

about 70 feet) in limestone rock, thus saving a great expense in sinking. I took him one morning to a farm which was at that time farmed by the owner, the Right Hon. H. Chaplin, M.P. The well in the yard (nearly always dry) was about 30 feet deep, and water had to be led some distance from the Carr Dyke. In a few minutes, Mullins, carrying in his hand his twig, found a good spring a very short distance from the old well. A new well was sunk, and at 10 feet a splendid supply of water was found. It has never failed, and has supplied the yards, etc., with water ever since.

Being in want of water for a large grass field, called "Catley Abbey Field," I went with Mullins, who placed down a peg to denote a spring. We sank a well, and bored 70 feet, obtaining a good supply of water. Being struck with a peculiarity in the taste, it was submitted to Professor Atfield, Ph.D., who pronounced it to be *the only natural seltzer spring in the kingdom.*

E. G. ALLEN.

No. 63.—There is an interesting sequel to this case. The *Lincolnshire Chronicle* of June 8th, 1895, contains a long report of a visit of Mr. H. W. Mullins, the son of John Mullins, to Catley Abbey. The newspaper report, which I have abridged, is as follows:—

The object of the Catley Abbey Company in sending for Mr. Mullins was to secure a well of pure water for bottle washing. A well on the adjoining farm of Mr. Allen had run dry, and recently the seltzer water had been used for the purpose of bottle washing. Eight years ago Mr. J. Mullins, the father of the family, located the spot at Catley, where now stands the only natural seltzer spring in Britain, and the Company had ample evidence of the success which had attended the diviner in other directions. Proceeding to the site of the dried up well, Mullins took out a V shaped twig, the forks of which were each about a foot long, and walked slowly along the ground a short distance from the well. Suddenly the twig revolved, having the apex at the top, and Mullins confidently asserted that he was standing over a subterranean water-course. Proceeding to the other side of the well he traced, or professed to trace, the course of the hidden stream, and marked a spot contiguous to the buildings, where he asserted a good spring would be tapped at a depth of from 120 to 130 feet, and he advised that a well should be sunk there.

It was told to Mullins that his father asserted the seltzer spring flowed under a hedge on the other side of the field, in which we were then standing, and he was asked to indicate the place. Starting at one end of the field he walked close by the hedge side. He had gone about 100 yards when the twig began to play, and digging his heel in the ground, he thus marked the spot. Mr. Allen, who was present when Mullins, senr., also located the spring, sent a man for a spade, and a stake was dug up, which eight years ago was driven in by Mr. Allen to mark the place. Mullins, junr., had touched the spot exactly.

The same newspaper of August 23rd, 1895, announces the result of digging in the spot indicated as follows:—

Our readers will remember that a few weeks ago our columns contained an article relative to the finding of water at Catley Abbey by means of hazel

twigs in the hands of Mr. Mullins, the eminent "dowser." We are now able to state that a well having been sunk in the position indicated by Mr. Mullins, a valuable supply of water has been obtained, and that at a depth of about five feet less than mentioned by him.

I sent Mr. Allen the foregoing account, and asked if it were correct, he replies that "it is perfectly accurate, the facts being most interesting, and occurred as stated in the letter and newspaper report."

No. 64.—The *Bath Chronicle* (date missing) gives the following account:—

Captain A. K. Barlow, who recently purchased an estate near Braintree, Essex, had made several borings for water, but without the desired result, and he had reluctantly made up his mind to sell the property and leave the neighbourhood; but, being strongly urged to try the divining rod, he, without having much faith in the efficacy of the powers of the hazel twig, resolved to send for Mr. Mullins. Mullins came, and next morning walked up and down a portion of the estate with his hazel twig before him, and eventually marked a spot about 250 yards from an empty well. Mullins remarked that this spot was the very best place to sink a well, and if it was bored 50 feet a capital supply of water would be found. Captain Barlow set men on to dig a well at the place marked, and they have, at a distance of 34 feet from the surface, dug right into a fine body of water in a gravelly soil.

I wrote to Captain Barlow for confirmation of the above statements, which I enclosed, and he replies:—

Wivenhoe Hall, Essex, *February 24th*, 1897.

I can only say that the report, as printed, is perfectly true and accurate. I have since sold Lynden Wood. The supply of water there is unfailling and constant. Lynden Wood also stands on the top of one of the highest points of land in this county. I remember noticing that Mullins had hard callosities on his hands just where the hazel twigs fitted between his fingers, and *seemed* to be in a very highly nervous state when operating with the twigs.

ALEXANDER BARLOW.

No. 65.—The following letter from Mr. W. D. Little, estate agent to the Earl of Jersey, is addressed to Mr. J. Mullins:—

Estate Office, Middleton Park, Bicester, Oxon,

August 20th, 1890.

In reply to your letter of inquiry, I have much pleasure in informing you that since August, 1884, I have had upwards of 25 wells dug on sites where you had found springs by means of the dowsing rod, and in every instance an abundant and unfailling supply of water has been obtained. These wells have been sunk on the estates of the Earl of Jersey in the counties of Oxfordshire, Warwickshire, and Middlesex, and on the Charterhouse Estate in Wiltshire. I send you a copy of a letter which appeared in *Farm and Home* in 1885.

W. D. LITTLE.

The following is the letter Mr. Little addressed to the journal he names :—

As it may, perhaps, interest some of the readers of *Farm and Home*, I venture to send a statement of the practical results of seven wells sunk during the autumn of 1884 on the Earl of Jersey's estate at Middleton Park, near Bicester, Oxon, on sites located by John Mullins, of Colerne, Chippenham, Wilts, by means of the dowsing rod. I may preface the following statement by saying that the unprecedented drought of last year was most severely felt in Oxfordshire, and water had to be carted a considerable distance at great expense for several months, for all descriptions of stock. Mullins' search for water was made during the last week in August, 1884, and the sinking of the wells was proceeded with as soon after as possible.

No. 1 was sunk 22 yards from a well sunk in 1879, which had proved to be useless even for supplying two cottages only. At a depth of 18 feet an abundant supply of water was obtained on the spot selected by Mullins. No. 2 was also sunk to substitute a well made in 1879, which, although in a position likely to yield plenty of water, had turned out useless. At a distance of 60 yards from the old well, the new well, sunk on a site selected by Mullins at a depth of 12 feet 6 inches, yielded more water than two ordinary portable pumps would keep down, the continued drought not seeming to affect it in any way. No. 3 was a well that had gone dry, and was deepened on the strength of Mullins' recommendation with a satisfactory result. No. 4, a well sunk to supply the mansion with drinking water; it is 49 feet deep, and has an excellent spring with the water standing about 25 feet deep in the well, the diameter of which is of large size. It is proposed to further increase the inflow of water by boring at some later period. No. 5 sunk to supply two cottages. Although situate in a district proverbially dry and badly off for water, a good supply was found at a depth of 30 feet. No. 6—this is perhaps the most remarkable well of the seven alluded to in this notice. At a depth of 13 feet 6 inches a spring (whose existence was not even suspected) was found that has been proved, after being tested by steam pumps for several days, to yield between 20,000 and 30,000 gallons of water per diem; and this after an abnormally low rainfall during the year. No. 7—at a depth of 18 feet an abundant supply has been found, and, like the wells Nos. 1 and 2, has been sunk to substitute a well that cannot be relied upon.

W. D. LITTLE.

No. 66.—Among Mr. Edmund Gurney's papers were found several communications on dowsing. Here are two which relate to Mullins. The first is from Mr. Henley of Oxford.

Waterperry House, Oxford, *January 2nd*, 1887.

Having heard from Lord Jersey that Mullins had been successful in finding water on his estate in the previous year, and that his wells (eight in number) had stood the test of the late exceptional summer, I requested Mullins to come here for one day only to search for water on two farms that

had been without any water for months, with the exception of one pond fed by a gravel spring.

(I) Mullins commenced at Park farm, situated on the clay, with gravel one field distant; he marked two spots where his stick indicated water: 1, near the house (clay), 2, near the pond before mentioned; result, water found near the pond at No. 2, but no water in bore of 30 feet at No. 1. The house is vacant, and having found water in one place I did not persevere at No. 1.

(II) Baker's farm—no water all summer, two places marked; water in both at bore hole about the depth indicated, well thereupon sunk; result, excellent supply. (III) Baker's house in village—present well in clay, no spring: place marked by Mullins near the existing well, bored between 30 and 40 feet without success, but I did not persevere as the other wells in the village are well supplied. (IV) Entrance Lodge—well sunk at place indicated—ample supply.

About fifty people, men, women, and children, tried the rod without success, with the exception of a young lady who was on that day and subsequently able to deflect the rod in the same manner as Mullins, though it appeared to have an injurious effect upon her nerves and this, I am told, is commonly the case.

Mullins has lately been employed by Messrs. Franklin Bros., the well-known land agents, to find water at Charndon, Bucks, on the estate of Mr. Wykeham Musgrave, and has been there eminently successful. You ask me to mention failures and I am only in a position to quote one in this neighbourhood, *i.e.*, at Colonel Miller's on the top of Shotover Hill, where they are said to have gone to considerable expense without finding water, but it is only fair to Mullins to suggest that the depth of search was insufficient.

I was a disbeliever before seeing the experiment on my estate, but the evidence of my own eyes convinced me of its practical utility.

I tested Mullins by taking him over springs of which I alone was aware, and to other spots where I knew no springs existed, and he was in both instances correct.

J. J. HENLEY.

No. 67.—The next letter is from Mrs. Burton, of Shrewsbury:—

Longner Hall, Shrewsbury, *January 31st, 1888.*

On December 22nd, 1887, we sent for Mr. Mullins, the water-finder. He was driven from the railway station to the Weir Hill farm, where water has been scarce (and sometimes altogether absent) from time immemorial; and the consulting engineer thought it useless to make any further search.

Mr. Mullins having cut a number of twigs from nut trees, held one by the two prongs and proceeded to walk over a field;—it sprung up suddenly and broke; he said, "there is water at a depth of 60 feet." He then followed the spring up a ploughed field and marked the spot where we were to dig. He said we should find a strong spring from 35 to 45 feet down, but if we failed at that depth we were to go on; he then took his fee and departed. We sunk to a depth of 45 feet and began to despair and doubt

Mr. Mullins' powers extremely. However, we went on through a seam of coal, when suddenly, at 48 feet, the water rushed in and is now 29 feet in depth.

C. I. BURTON.

Mr. Gurney thereupon wrote to Mrs. Burton the following letter, which I quote as an illustration of the vast amount of letter writing that he undertook, and the admirable way he seized the main issue of an investigation.

26, Montpelier Square, S. W., *February 5th*, 1888.

DEAR MADAM,—Very many thanks for your account of the water-finding. But one would need to know one thing. Had there been ever digging to as great a depth as 48 feet before? If not, we cannot be sure that water might not have been found at numbers of other places, had the digging been continued to that depth; and so the evidential value of the case is left doubtful. Would you kindly let me know this? and believe me, yours very truly,

EDMUND GURNEY.

Mrs. Burton replies:—

Yes, we had dug before deeper than 48 feet, about 200 yards nearer the farmhouse 50 years ago and some water unfit for use was found. Last year we sank a very deep well also near the house; blasting through the rock we came to what is called a "pocket" of water and all the water disappeared and the well remained dry, the foul gas being too strong to continue the work.

C. I. BURTON.

Mr. Gurney's letter happens to be preserved, as Mrs. Burton attached it to her reply.

No. 68.—The *Bristol Times and Mirror* of October 9th, 1888, contains the account of water finding by Mullins at Cirencester, "under circumstances of great interest" according to the newspaper report:—

Some farm buildings at Bagendon, occupied by Mr. J. Hayward, had no water supply, except the runnings from the roofs. The buildings stand on the summit of the rolling Cotswold district, the ground level being on a level with Cirencester church tower, and 144 feet above the road from Cirencester to Cheltenham. Mullins undertook to sink a well, the depth he estimated as necessary being from 70 to 80 feet; whereas owners of house property in the vicinity situated on much lower levels have sunk from 120 to 150 feet, and then often failed to keep a supply of water in dry weather. By the terms of the contract, Mullins is to receive a certain stated sum on finding a supply of water, but if he fails he receives no payment whatever. His men have now been at work for seven or eight weeks, and have sunk just over 70 feet through the rock without coming to water, but they entertain no anxiety as to the result. The termination of the undertaking is being looked forward to with interest.

A subsequent report informs us that the men sunk the well to a depth of 101 feet, when an abundant supply of water was obtained

standing 11 feet in the well. This case is quoted to show the absolute faith Mullins had in dowsing, as tested by a heavy pecuniary loss had he failed.

No. 69.—In the *Bath Natural History and Field Club Proceedings* for 1889 (Vol. VI., p. 411), is a lengthy paper on the divining rod, by Mr. T. Forder Plowman. In this paper the author gives the evidence of his friend, Mr. W. J. Brown, of Middlehill House, Box, Wilts, a gentleman occupying a high position in the county, and a member of the council of several public bodies. Mr. Brown states (p. 415):—

I employed Mullins to try for water near Box, the only well near, which was 180 feet deep, being often out of water from September to December after a dry summer. Mullins marked the track of four different springs, one of which, he said, was rather stronger than the others. I asked him how deep the best spring was under the surface, and he said about 110 feet. I then directed Mullins to search for an old well, which, when I was a lad, my father had discovered in an open quarry at the time the Box tunnel was being made. Although it had been filled up many years ago and there were no outward signs of it, I had an opinion as to where it was and directed Mullins to try. They worked all day, but came upon no trace of it, and the general opinion was that I was mistaken as to the spot. However, I ordered them to go on in the same direction next day, and in the afternoon, after working a little more westward, they suddenly came upon the well, and, on examining, we found that the marks Mullins had made in the first place to denote the position of the strongest spring pointed exactly into the centre of the well. [In another communication Mr. Brown says they found the depth of the old well to be 70 feet, and that he contracted with Mullins to sink it 50 feet deeper.] I then directed him to sink down further for water, and strange to say, at 111 feet, viz., within a foot of the distance he had stated at first, we found the spring come in, and just where he had marked it. The well now supplies twenty cottages and if, in a very dry season, they draw all the water out by night, there is plenty again the next morning.

Whilst this work was in progress, some friends and myself arranged to test Mullins' capacity for discovering metal. In his absence we took ten stones off the top of a wall, and having placed them on the road, we deposited a sovereign under three of them. Mullins passed his rod over the top of each stone, and without the slightest hesitation, told us at once under which stones the sovereigns were. When he came to a stone under which there was no sovereign, he at once said, "Nothing here, master," but when he got to the others, he remarked, "All right, master, thankee," turned the stone over and put the sovereign in his pocket.

He afterwards tried for water on the Cottle's House Estate, the then owner, Dr. Parfitt, being very anxious to obtain it, as there was none on the estate. Mullins, however, tried in vain, and, having given it up as a bad job, was leaving for home, when just as he passed the front of New House Farm, with his rod in his hand, it suddenly indicated the presence of water

He at once said there was a strong spring at a depth of only about 18 feet below the surface. He sank a well on the spot, and the water was found at the depth he stated. [In another letter Mr. Brown says the depth of the well was 20 feet.] The tenant told me it is capital water, and the supply never runs short.

After Mullins has indicated water I have blindfolded him and turned him round and round, but whenever after this he crossed the spring up went the rod directly. I conclude by saying I believe in him thoroughly.

The author, Mr. Plowman, bears testimony "to the open and straightforward manner of Mullins, and that he is without any of the outward characteristics of the professional charlatan." In answer to enquiries Mullins stated to Mr. Plowman that whenever he is dowsing and gets over a stream of water he feels a tingling sensation in his arms like a slight electric shock, and the strength of this sensation enables him to guess the approximate volume or depth of a spring.

Somewhat similar evidence of the success and accuracy of the dowser's art was also given to the author of the above paper by Mr. Malton Druce, of Abingdon, by Mr. W. D. Little, estate agent to the Earl of Jersey, (I have referred to this evidence elsewhere, p. 90), by Mr. W. H. Ashhurst, J.P., of Waterstock, by Mr. F. Webster, of the Queen's Home Farm at Osborne (whose testimony is endorsed by Mr. A. Blake, Her Majesty's Steward); Mr. Webster discovered to his surprise that he himself was a good dowser. The author also quotes at length the remarkable evidential cases furnished by Sir W. E. Welby Gregory, Bart., and by the Hon. M. E. G. Finch-Hatton, now the Earl of Winchilsea and Nottingham. (See Nos. 73 and 74).

No. 70.—Another interesting case is given in full by Mr. Forde Plowman, on p. 424, Vol. VI., of the *Proceedings of the Bath Field Club*. It is from Mr. H. D. Skrine, J.P., D.L., of Claverton Manor, Bath. Mr. Skrine writes:—

My first acquaintance with the divining rod was in January, 1865. I had heard that one John Mullins, a well sinker, who lived at Colerne, had the gift of finding water by the rod. I sent for him and took him to a field adjoining the village of Conkwell, where I had thought of building a cottage as a sort of sanatorium for my wife. On the way he tried the divining rod several times, and I was aware that in a line below the points where the twig turned with him, there was a spring in the wood which came to the surface. Arrived on the field, the twig turned with him in several places, and he set a mark on the wall opposite the spot.

A few days after I asked Mr. Earle, Rector of Monkton Farleigh, to meet John Mullins and myself on the field on January 20th, 1865; as I had heard that Mr. Earle had the gift, and had discovered water by it on his own land at Monkton Farleigh. He was not aware of the marks on the wall, but the twig turned with him at the same places as with Mullins; they

differed only in the position in the field as to the best place to sink the well, both being in the same line. The well was sunk, and water was found at about 80 feet in yellow clay under the rock, but this not being of sufficient depth and the clay being a thin bed, Mullins went down about 25 feet lower and came on a good spring in the blue lias.

Mullins afterwards found some springs near the house and traced them up to the spot where, under the croquet lawn, a spring had been found some years before. Since then I have employed him at Claverton, and sunk two wells successfully, and he has again traced several springs which have been verified. In two instances where the line of a drain had been lost, he recovered the spot and was always correct. My two sons, who had watched the operation, found they also had the gift. I cannot resist the conclusion that it is a real gift possessed by some persons, and that it may have been a natural provision to enable men to obtain that very necessary element (water) when there are no signs above the surface.

The following abstracts of cases already published in our *Proceedings* are added here for the convenience of the reader :—

No. 71.—Captain Henry Smith, J.P., of Horbling, Folkingham, Lincolnshire, writing on December 26th, 1882, states that his scepticism as to the practical value of the indications given by the divining rod, as used by Mullins, were overcome by what he himself witnessed and describes in full in *Proceedings* S.P.R., Vol. II., p. 95, etc. Mullins fixed on certain spots where water would be found, and again indicated the same spots when unable to see the previous places. Against Captain Smith's opinion, Mullins said an abundant supply of water would be found at a particular spot, and on sinking a well, this was found to be the case. Other evidence is also given.

No. 72.—Mr. G. Hancock, of Corsham, Wilts, writing on January 23rd, 1883, states he employed Mullins to find the best place for sinking shafts for mining operations, so as to *avoid* the inrush of water, which had previously hindered their work. Mr. Hancock says, "In every case Mullins was right." (*Proceedings* S.P.R., Vol. II., p. 96).

No. 73.—Sir Welby Gregory, Bart., formerly M.P., of Denton Manor, Grantham, writing on January 28th, 1883, states he employed Mullins to find water for a new country house he was building. As a test, Sir W. Gregory first tried whether Mullins could find water on the lawn, through a certain part of which a drain-pipe carried running water; the exact position was known to Sir W. G., but not to M.; the twig instantly moved whenever M. crossed the drain. After traversing the grounds, Mullins fixed on two lines, A and B (about 30 yds. apart), where he said water would be found, from 20 ft. to 30 ft. deep at A, and from 30 ft. to 40 ft. deep at B, the latter the more copious supply, the former small. A neighbouring hill, which Mullins thought likely to yield a better supply, was traversed, but no indications of water were given by the rod. Subsequently Sir W. Gregory consulted an eminent civil engineer, who stated from his geological knowledge of the country, that the hill was the best place to bore for water, but that none

would be found at the places indicated in the grounds, A and B, at a less depth than 120 feet to 130 feet. This opinion was confirmed by another geological authority. Sir Welby's gardener having found the rod moved in his hands, tried his skill, and fixed on the same spots as Mullins had done; the rod, held by pincers, violently twisted itself over the spots, A and B. Sir Welby blindfolded the man, and at the same spots again the rod moved. Hence he decided to sink on both the lines indicated. In one (A), he found water at 20 feet, and in the other (B), as stated by Mullins, a much larger supply at 28 feet. Between the two lines Mullins said there was no water. Sir Welby sank a shaft midway, and went down 10 to 12 feet deeper than the deepest well, but found no water, although the formation appeared precisely similar; neither well was affected by this trial shaft. This is a striking case, and is given in full in *Proceedings S.P.R.*, Vol. II., pp. 97-99.

In a speech Sir Welby Gregory made at Grantham (reported in the *Grantham Journal*, September 28th, 1888) he refers to his experience of the practical value of the divining rod and remarks that in future he prefers to trust to the dowser rather than to the geologist in sinking wells.

No. 74.—The Hon. M. E. G. Finch-Hatton, then M.P. (now the Earl of Winchilsea), writing on February 29th, 1884, from 23, Ennismore Gardens, S.W., describes his own experience with Mullins, at Haverholme Priory, a place Mullins had no previous acquaintance with. (1) Mullins found and traced the water-supply pipe up to the house, though no indication on the surface was visible, nor had any information been given to Mullins. (2) He found a spring on the lawn, the existence of an old well at the very spot being afterwards proved, though unknown at the time. (3) He was unable to find another water pipe, when the distant tap was *not* turned on, but when the water was running he fixed the spot correctly. Mullins was then blindfolded, and though led round by a different route, again fixed on the same spot. "At first he slightly overran it a foot or so, and then felt round, as it were, and seemed to be led back into the exact centre of influence by the twig. All present considered the trial conclusive of two things: (1) of the man's perfect good faith; (2) that the effect produced on the twig emanated from an agency outside of himself, and appeared due to the presence of running water." (See *Proceedings S.P.R.*, Vol. II., p. 101).

No. 75.—Mr. F. T. Mott, F.R.G.S., whom I know personally, writing from Bristol Hill, Leicester, states that on his estate at Charnwood Forest there was no spring water. The formation was metamorphic slate; several wells had been sunk, and no water found; in one case the boring went to 100 feet, but unsuccessfully. Mullins was employed, and by the movement of the twig, which Mr. Mott states he could not restrain, though he tried to do so, certain spots were marked. "Anywhere along that line," Mullins said, "you will find water if you sink about 30 feet." A well was sunk, and at 28 feet water was found. On sinking to 31 feet, a constant supply, standing 6 feet in the well, has been obtained. (See *Proceedings S.P.R.*, Vol. II., p. 100).

I have, after considerable enquiry, met with two or three failures on the part of Mr. J. Mullins, which are narrated on a later page.

(β) Mr. H. W. MULLINS.

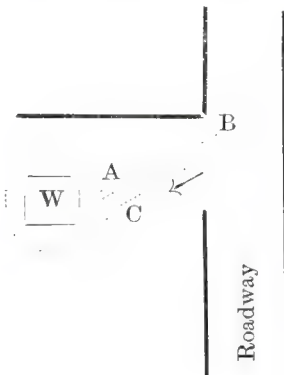
Although no conclusive evidence exists to show that the faculty of “dowsing” is hereditary, yet in several instances one or more of the children of notable dowsers do possess the “gift.” Mr. H. W. Mullins, of Colerne, Box, Wilts, son of the late J. Mullins, is a case in point, judging from the following cases of his that I have investigated.

No. 76.—Having been informed that Mullins, junr. had been successful in finding water for a brewery where an old well existed that was of no use, I wrote to the proprietor, Mr. Bean, and the following is his reply:—

Wothorpe House, Stamford, *May 24th*, 1896.

I had Mr. Mullins, the water finder, some time last year down to my brewery at Ketton, in which there was an old well with only a very small quantity of water.

Before Mr. Mullins came I had the well covered over so as to completely conceal it from view. Mr. Mullins walked up my yard and when he came to the spot marked B on sketch, said, “there is a very strong spring here, flowing in this direction,” marked C. I then showed him the well, W, and he said the amount of water we got from it was not as large as the spring he found at B. He advised me to sink lower, when I should probably tap the spring which, according to him, ran in the direction of the wells. I asked how many gallons per hour did he think I should find; he said from 1,000 to 1,500. I did nothing to the well until three months ago, when I sank three feet lower in the well and tunnelled four feet in the direction of the supposed spring, when one day the men heard a rumble and a large amount of water broke in and rapidly rose in the well. I gauged the amount and found it about 800 gallons per hour (by pump).



W, site of old well. B, position of strong spring indicated by Mullins, said to be flowing in the direction of C. Water broke into the well at the spot A, when tunnelling towards B.

This is all I can tell you as to water finding, but if you write to my friend, Mr. W. Barber, C.E., 22, Buckingham-street, Strand, W.C., he will give you some more information about water finding at different parts of the country.

W. BEAN.

Mr. Barber kindly replied to my enquiries and gave me information that appears elsewhere.

No. 77.—The next letter furnishes a still more striking case of Mr. H. W. Mullins' success. In answer to my enquiries Mr. Bayley writes :—

Arnold's, Holmwood, Surrey, *December 29th, 1896.*

In reply to your communication of the 26th inst., I beg to inform you when I bought this property 10 years ago there was an old well about 60 feet deep on the premises which was said to have a good supply of water, but when I came to put it to the test I found it quite inadequate for the wants of my house, so consulted Messrs. Isler and Co. as to the best means of increasing the supply. On their advice I got them to bore through the bottom of the old well to a depth of about 100 feet, making in all about 160 feet, but found no water. Some time after, seeing an account of the divining rod, I sent for Mullins and he said there was water to be had at about 60 feet deep on the top of a hill 300 yards from the old well. He dug a well on the site and found water at a depth of 90 feet, and now we have an abundant supply. Holmwood is 28 miles from London and is under the Surrey Hills.

EDMOND K. BAYLEY.

No. 78.—It is sometimes urged that only springs yielding a limited supply of water are found by dowsers, who fix on spots where more or less surface water can be got from shallow wells rather than run the risk of sinking a deep well. Many of the cases already cited refute this notion, and the following sent to me in answer to my enquiries bears on the same point. It is from Messrs. Beamish and Crawford, the well-known brewers of Cork.

Cork Porter Brewery, Cork, *December 30th, 1896.*

In reply to your letter of 26th inst. we beg to state :—

1. We had an old well yielding a small supply of water. It was about 30 feet deep.

2. No new well was fixed on by Mullins. He bored down to a depth of about 60 feet below the bottom of the old well, and therefore about 90 feet below the surface of the ground.

3. The supply of water now obtained from the new pipes sunk by Mullins is, as nearly as we can estimate, about 10,000 gallons per hour.

BEAMISH AND CRAWFORD, LTD.

No. 79.—The next letter in answer to my enquiries is from the Rev. H. F. Ramsay, M.A. :—

Brendon, Lynton, N. Devon, *December 30th, 1896.*

In reply to your letter of the 26th instant, I beg to state that before commencing the building of the new rectory at Oare we sunk a well close to the site of the house to a depth of 28 feet. As hard rock full of fissures was there met with, and there was no sign of water, we decided to discontinue the sinking. It was at this stage that we called in Mullins, who went all

over the ground in the usual way holding a hazel twig. He tried about the site and pronounced our well to be absolutely hopeless; afterwards he tried *below* the site and at the lowest spot on the field he pointed out a place where we should get 400 gallons a day at 35 feet deep and a big spring at 70 feet. We soon started to dig and came to a small spring yielding about 200 gallons at 26 feet. I find the supply insufficient, so I propose to deepen the well somewhat, as there is not more than three feet of water in it. The new well is about 40 yards from the old well.

I do not pretend to explain Mullins' *modus operandi*, but it does appear to me that he has a marvellous power of finding water underground. To test him we took him to two fields (far apart from each other), and in each case he discovered a hidden covered spring, of the existence of which he could not possibly have been aware beforehand. In the one case the water was drained off by underground drain tiles into the river Badyworthy, and in the other the water shows on the surface of the grass *only* when the springs burst after prolonged heavy rain.

H. F. RAMSAY.

P.S.—Perhaps I ought to mention that the house is in the Lynn Valley, but not quite at the bottom of the slope.

No. 80.—Mr. F. T. Elworthy, of Foxdown, Wellington, sends me the following:—

At the Parsonage Farm, Bishop Nympton, North Devon, the owners had expended large sums in the hope of finding a better supply of water, but all to no purpose. At last they determined to avail themselves of the assistance of Messrs. J. Mullins and Sons, water-finders, of Colerne, Chippenham, Wiltshire. Mr. Henry Mullins (one of the firm) visited the farm, and, by the aid of a twig of hazel, pointed out several places where springs might be found at depths varying from six feet to twenty-five feet. He succeeded in finding one six feet deep at a short distance from the farmhouse, and two more a little further off, from eight to ten feet deep, each of which Mr. Mullins estimated would produce from 300 to 400 gallons of water per day.—From *North Devon Herald*, September 27th, 1894, communicated by Mr. G. M. Doe to the Devon Association, Vol. XXVIII. (1896) p. 96.

Mr. Elworthy adds:—

Parsonage Farm is well-known to me. It belonged to an uncle of mine up to and since his death, when it was sold to the present owners.

With reference to the foregoing, Mr. R. S. Crosse, solicitor to the trustees of the estate, writes as follows:—

25, Broad Street, South Molton, North Devon,

October 16th, 1895.

I am pleased to say that the result of Mr. Mullins' experiments on Parsonage Farm, Bishop Nympton, Devon, has proved highly satisfactory. At the second place indicated by Mr. Henry Mullins a well has been sunk and water found at the exact depth he foretold. His judgment as to the quantity of water was also quite correct.

REGINALD STAWELL CROSSE.

I wrote to the present proprietor for further information, and Mr. Crosse replies :—

25, Broad Street, South Molton, North Devon,
January 6th, 1897.

My tenant, Mr. George Rudd, has handed me your letter, and in reply I may say that the divining rod as used by Mr. Mullins was a complete success. I had spent (on behalf of my trustees) a considerable amount for sinking wells prior to Mr. Mullins' visit, and the places indicated by Mr. Mullins were not far away from where the first sinking operations took place.

I was with him at Oare, near Lynton, and he was just as successful there.

REG. S. CROSSE.

No. 81.—Writing on December 29th, 1896, in reply to my enquiries, Captain Hobbs states he is the agent for some property near Warrington, Cheshire, where a supply of water was obtained by sinking a well at a spot indicated by the dowsing rod, though several other wells had previously been sunk unsuccessfully without the use of the rod. In a subsequent letter, Captain Hobbs gives me the following details :—

8, King-street, Manchester, *January 7th, 1897.*

I have to-day been able to get all the information about the finding of water on the farm at Burtonwood, near Warrington. The property is owned by the executors of the late Wm. Bindloss, and is situated about five miles from Warrington. Up to the visit of Mr. H. W. Mullins, the farmer had used the rain water, filtered.

On November 29th, 1895, Mr. H. W. Mullins accompanied me and several ladies and gentlemen to the place (he had never been in that neighbourhood before), and after walking over the farmyard, garden, and field near the house, he fixed on a spot about 50 yards from the house, in the garden, where he said we should find a supply of water sufficient for the use of the house.

There a well has been sunk, and a supply of from 60 to 70 gallons (probably more, as we have never pumped it out quite dry) an hour was found. The water was first found at 40 feet from the surface, but sinking was continued for 5 feet more (through quicksand). There is now an ample supply at all times in the well.

In 1880 a well was sunk about 12 yards from the house ; 48 feet were sunk and 18 feet bored (a total of 66 feet), but no water was found. No further steps were taken since that date until Mullins' visit.

On the opposite side of the road from the farm in question, in or about 1877, three wells were sunk about 50 feet deep. In two of them no water was found, and hardly any in the third, but the supply was so small that it was useless. The farm on which these wells were sunk is in a north-west direction from the Forest Farm (that is the name of the farm where our well is), and about 80 to 100 yards distant.

These three wells were all in sand ; our well was through 15 feet of clay, then sand, and lastly quicksand.

The river nearest to these farms is the Mersey, distant about four miles.

The following were present at the finding of the water [a lengthy list of names and addresses is here given.]

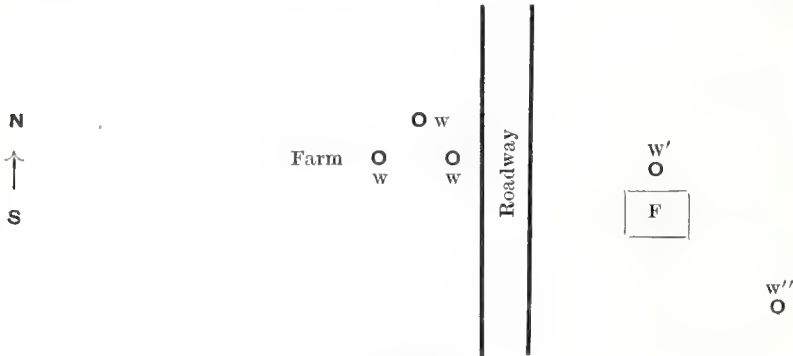
We all were, and are, convinced that the operation of the divining rod in Mr. Mullins' hands was perfectly honest and genuine, as well as very wonderful.

J. C. HOBBS.

Replying to my further enquiries Captain Hobbs writes :—

8, King Street, Manchester, *January 21st, 1897.*

The ground all round the house is nearly level. I give below a sketch, as you wish, of the relative position of the wells ; but I am a bad hand at drawing.



W. W. W. Three wells sunk in 1877.

F. Farm house.

W'. Old well, 12 yards from F. house, and 22 yards deep ; no water.

W''. New well, about 50 yards from F. ; good supply.

No. 82.—Another illustration of young Mr. Mullins' faculty is given in the *Warrington Guardian* for the last week in April, 1896. The report states that a Mr. Beck Chadwick, J.P., having sunk borings and failed to find water, was led to employ Mr. Mullins, who from the indications given by the dowsing rod fixed on a certain spot, where he asserted an abundant supply of water would be found at about 70 feet deep. A well was accordingly sunk, and, at between 50 and 60 feet, a great inrush of water occurred and a copious supply has been obtained. The Editor of the *Warrington Guardian* to whom I applied, referred me to Mr. Chadwick's agent, Mr. J. Shaw Green, F.S.S., an accountant at Warrington, who could vouch for the facts. Mr Shaw Green's reply to my letter is as follows :—

18, King Street, Warrington, *January 11th, 1897.*

The whole of the circumstances are very familiar to me. The spot is in the township of Kingsley at a place where a valley runs for a considerable distance. Two trial borings were made by an eminent firm of well-sinkers at places selected by them, but without result, and it was upon their failure that the services of the water diviner were brought in.

In reply to the queries stated in your letter :

1. The facts [in the newspaper report] are correctly stated.

2. Two previous attempts, as stated above, had been made, one of them immediately before the water diviner was called in. I cannot give the exact depth.

3. The results are set out in the cutting. A well already existed with a small quantity of water in it at about 35 feet. The distance between place indicated by water diviner and well is about 18 yards. One of the trial borings was made at a distance of about 25 yards from the spot indicated by the diviner.

It is altogether a most interesting case and the full particulars of the search appeared in the *Warrington Guardian*, I believe, in the month of April last.

J. SHAW GREEN.

In reply to my inquiry, Mr. Shaw Green writes :—

18, King Street, Warrington. *January 20th, 1897.*

The gentleman who made the search for us was the eldest son of J. Mullins, who died nearly three years ago.

The date of the search was Friday the 24th April, 1896.

I will obtain and send you particulars of the abortive borings, but it may be a few days before I can do so, for the particulars are at Kingsley and not in my office.

J. SHAW GREEN.

No. 83.—The *Pall Mall Gazette* of February 20th, 1897, publishes the following letter from Lord Burton :—

We are situated in Needwood Forest, on the top of a mass of marl thrust up between the rivers Dove and Trent. Our water is derived from wells averaging from 140 ft. to 180 ft. deep, and owing to a series of dry years our supply has recently been very scanty. Our best well gives about 4,000 gallons in the twenty-four hours.

About three months ago I sent for Mr. Mullins, the well-known water finder, who walked round the property with a small hazel wand or twig in his hands. Every now and then the wand seemed to twitch, and he indicated that water would be found in these places, naming an approximate depth and probable supply. At last we came to a field where the twig gave indications of a row of springs, and Mullins informed us that if we sank we should probably get a supply of nearly 40,000 gallons in the twenty-four hours. We have sunk, and at 140 feet to 150 feet we have a most abundant supply, quite equal to what was promised, and we expect to get more by driving adits right and left.

One curious thing was that when the twig was placed in another person's hands turning towards the ground, on Mullins grasping the hands the twig slowly turned up ; but this happened only with two out of four persons experimented on. I cannot explain the phenomenon, but it appears to me to be perfectly genuine, and certainly in my case the result has been very successful.

BURTON.

February 18th.

I wrote to Lord Burton asking him whether any wells had been sunk on his estate unsuccessfully prior to young Mr. Mullins' visit. His reply is as follows :—

Rangemore, Burton-on-Trent, *March 9th, 1897.*

I fear I can add no facts to the short letter I sent to the *Pall Mall*. [Prior to Mullins' visit] we may have sunk a dozen wells in all, varying from 40 to

60 yards in depth ; the supply is not copious in any of them ; the stable yard is the best, about 4,000 gallons in the 24 hours at the most,—this well is over 60 yards deep. The supply at the new [Mullins] well about half a mile to the east of the above and about 300 yards below and south of the village, is so good that we are going to considerable expense in sinking and putting down pumps, erecting tank and tower and so forth. Mullins marked five springs in a line extending over perhaps 30 yards or more. We are driving side adits from the well and they seem to be producing a quantity of water.

BURTON.

No. 84.—The *Essex Times* of January 29th, 1896, reports :—

Considerable difficulty has been experienced in finding a sufficient supply of water for the Bower House, Havering, the residence of Mr. A. Money Wigram, M.P. As Havering stands on very high ground, the only chance of finding supplementary sources of supply lay in the discovery of the course of the underground springs. Investigation in this direction by the ordinary methods having proved fruitless, Mr. W. H. Pemberton Barnes a few days ago invited Mr. John Mullins.¹ A field near the top of the hill was selected as the sphere of operations. Providing himself with the indispensable rod, Mr. Mullins began by walking slowly across the ground, holding one end of the rod in each hand with the point downwards, until he came across what he intimated was an underground spring, when the twig would turn in his hands in a half-circle. He indicated a certain spot as the place where the spring was strongest, giving as his opinion that water would be obtained at a depth of from 30 to 35 feet. Here a shaft was afterwards sunk, but before the specified depth was reached the water came in so rapidly that operations had to be suspended, owing to the impossibility of working the pumps fast enough to keep the well empty.

I wrote to Mr. Money Wigram for further particulars, and the following is his reply, which has been delayed for the reasons given :—

101, Eaton Square, S. W., *May 15th*, 1897.

I have left Havering, and for the last few months have been travelling in the East.

In answer, I would say the first experiment made at Mullins' suggestion failed through no fault of his. He said, "You will find water [at] 37 feet." We did, in a shifting bed of sand, but on going 3 feet lower we struck clay and lost it all. Afterwards he indicated two springs within a few feet of each other, and both were tapped with success.

I believe in him strongly for surface springs, and should always consult him were I building cottages, &c., where the supply required is small.

A. MONEY WIGRAM.

It will be seen that none of these cases, where Mr. H. W. Mullins was the dowser, afford such striking evidence on behalf of a dowsing

¹This is the name of the firm, but here and elsewhere in this group (β) the dowser is the son, Mr. H. W. Mullins.—W. F. B.

faculty as was given by the portion of his father's work that I have been able to investigate. Though I have not heard of any distinct failures on the part of the son, beyond wrong estimates of the depth and volume of the underground water, (if the Richmond Experiments to be narrated later are excepted), yet this is not



MR. H. W. MULLINS.

surprising, as Mr. Mullins, junr., has not long been engaged at this particular work. That he has had, or will have, occasional failures is likely enough, but what proportion they bear to his successes I have no independent means of ascertaining.

THE WATERFORD EXPERIMENTS.

In the group of cases under the head of the late Mr. J. Mullins will be found a very striking one, No. 52, (p. 77), the particulars of which were kindly sent to me by Mr. Christie-Miller. Subsequently my friend Mr. Kilroe, of the Geological Survey of Ireland, told me of a very similar case occurring at Messrs. Richardson's factory at Waterford. I begged Mr. Kilroe to put the facts in writing for me, which he did in the accompanying letter. Afterwards additional evidence of eye-witnesses was obtained and it then became evident the case was the same as that sent to me by Mr. Christie-Miller; this led to enquiry and it turned out that Mr. Christie-Miller, though not living at Waterford, is the proprietor of Messrs. Richardson's factory. As the case is of special importance it will be necessary to give some, I fear, rather tedious details.

Mr. Kilroe writes :—

Geological Survey of Ireland Office, 14, Hume Street, Dublin,

January 23rd, 1897.

In or about the year 1888, Messrs. Richardson, bacon curers, of Waterford, required a considerable water supply and got professional advice, based upon geological grounds, as to where to obtain it by sinking. The amount procured on sinking proved entirely insufficient. This was surface water, and when the rock was reached it proved quite dry, giving a worse rather than a better prospect as the sinking progressed. The strata at the place are nearly vertical and the bedding much folded.

An English "diviner" was engaged, and to hinder collusion, the chief clerk of the firm met him at the boat on arrival in Waterford; who also brought him to the works. There the diviner was accompanied by the head of the firm and his staff of clerks, as he went around the premises. He carried in his two hands a forked hazel twig, holding a branch of the fork in each hand, the stem extending from him in front horizontally. He almost immediately came to a spot over which the rod bent slightly and quite spontaneously, as well as could be observed. This spot was marked and the search continued. Similar indications appeared at two or three other places. At one, the effect was so manifest that the rod twisted completely round and *broke!*—also of its own accord. (The man had several of these rods with him.) The firm sank at one of the places indicated and obtained a copious supply of water.

Mr. Budd, a local amateur geologist, ascertained the above particulars and communicated all to Mr. Clark, of the Irish Survey, who gave them to me.

J. R. KILROE.

I wrote to Messrs. Richardson requesting them to give me a reply to a series of questions I enclosed. The following are my queries and their answer to each :—

Query. Name of the "dowser"? *Answer.* The late J. Mullins.

Q. Were any borings made or wells sunk prior to the dowser's visit ?

A. Yes ; three.

Q. If so, how deep ? *A.* One was 300 feet, one 1,011 feet, and one 52 feet deep.

Q. With what success as to water supply ? *A.* Neither of the three wells yielded more than 120 gallons per hour.

Q. How far from the old well did the diviner fix on for a new well ?

A. 40 or 50 feet (shortest distance).

Q. How deep was the new well—sunk on the spot indicated by the divining rod ? *A.* 82 feet.

Q. With what success as regards water supply ? *A.* 3,000 to 5,000 gallons per hour ; according to the rainfall.

Q. What was the date of the dowser's visit ? *A.* 1889.

As I was anxious to get exact details of this case, I again wrote to Messrs. Richardson for further particulars and an accurate plan of the respective position of the wells. Their reply is as follows :—

February 2nd, 1897.

In reply to yours of the 28th January, I regret the delay, but owing to the dispute in our trade at present I am very pressed with work. I have had a rough sketch made out of the lie of the wells, and a description of same, and trust it is what you require. Should you want any further information I shall do my best to get it for you.

W. RICHARDSON.

Memorandum from Messrs. Richardson and Co., Waterford.

February 2nd, 1897.

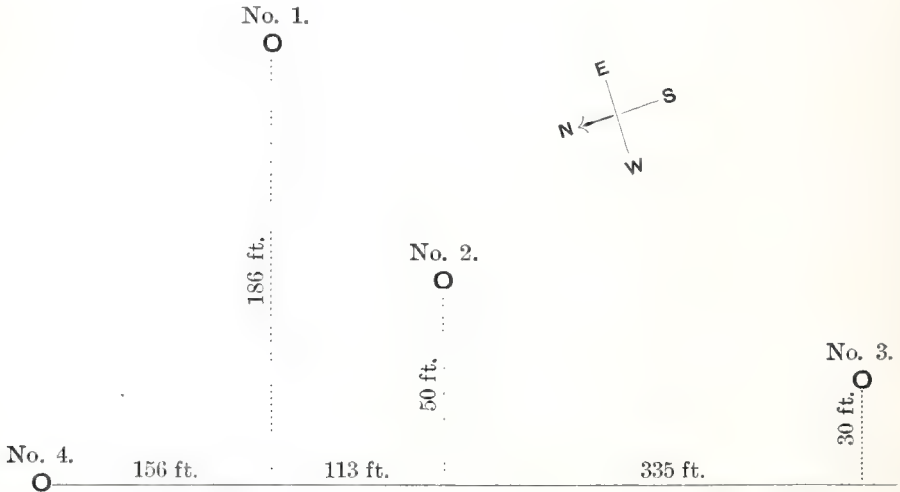
In the year 1887, we received an estimate for boring a $2\frac{1}{2}$ inch artesian bore from John Henderson and Son, Glasgow. He started to bore on the 18th May, 1887, with jumper steel drills. The first 15 feet was clay, the following 17 feet was slaty sandstone, after which the rock became harder with the result that the rate of boring slowed, varying from 2 to 5 feet per day. When going through extremely hard rock they bored (on Monday, the 18th June, 1887) only 4 inches. We continued boring until we had reached a depth of 292 feet, after which we widened the bore for 100 feet to allow a pump to be lowered, but the yield was not sufficient to justify our going deeper, so relinquished this bore.

We next started to bore, in 1888, a 7 inch bore hole at the bottom of a well 62 feet deep. This bore was executed by the Diamond Rock Boring Co., of London, and was bored by a revolving tube 7 inches in diameter having black diamonds set in a nose piece fastened to bottom of tube. We bored 612 feet with this size tube and then reduced to 6 inches and with the 6 inch tube bored 337 feet 7 inches, making a total depth bored of 949 feet 7 inches from the bottom of well, and from the ground level of 1,011 feet 7 inches. We had, during the process of boring, tested at intervals for yield of water but with no satisfactory result. We again tested at 1,011 feet 7 inches, and again failure, so relinquished this bore.

We then asked Mr. Kinahan [senior geologist of H.M. Geological Survey of Ireland] to come down—which he did, and suggested a spot to bore. This bore we started with a 4 inch tube diamond drill, and bored 40 feet

through yellow sandstone when we came on blue slate for 8 inches ; we then stopped and wired Mr. Kinahan what we ought to do. In the interval we tested for water ;—result, 230 gallons per hour, not one-tenth part of what we required. Mr. Kinahan advised going on again. Went on 11 feet more, tested again, with the yield 180 gallons per hour, a loss of 50 gallons ; wired Mr. Kinahan again ;—reply, give up boring—which we did ;—another failure.

We then sent for John Mullins, the water diviner. He suggested that we put down a bore on a marked out line, which we did, with the result that we have an ample supply. See below for rough plan of wells.



- No. 1. First Bore Hole, sunk to a depth of 292 feet :—not satisfactory.
 - No. 2. Second Bore Hole, sunk to a depth of 949 ft. 7 in. from bottom of well 62 feet deep ;—from ground level 1,011 ft. 7 in. :—another failure.
 - No. 3. Bore Hole suggested by Mr. Kinahan :—third failure.
 - No. 4. Bore Hole suggested by John Mullins, around which bore hole we sank a 6 ft. well, 82 feet deep. Yield from 3,000 to 5,000 gallons per hour depending on rainfall.
- Line from No. 4 shows course of spring as suggested by Mullins, anywhere along which line, he says, water will be found. The line runs N.N.E.

The particulars sent me by Messrs. Richardson are obviously of great interest and evidential value in connection with our subject. I was therefore anxious to obtain the best geological evidence on this case. Happily Mr. G. H. Kinahan, M.R.I.A., who at the time was senior geologist of the Irish Geological Survey, had not only been called in by Messrs. Richardson, prior to Mullins' visit, but had kept the contemporary notes and correspondence relating to this case. The letters which Mr. Kinahan sent me (with an accompanying note from himself) are from Messrs. Richardson and from a local geologist, Mr. Budd, and, as will be seen, they were written at the time of Mullins' visit to Waterford.

Mr. Kinahan writes to me as follows :—

[January 25th, 1897.]


I am glad to learn through Mr. Clark that you are taking up the Divining Rod question. I, therefore, through him, send you a rather interesting case. These letters [which follow] I give solely up to you, and you are at liberty to use them as you like. I should, however, let you know how I was connected with them. A bacon firm in Waterford (Messrs. Denny and Co.) were looking for water, and their trials were unsatisfactory. My friend, the late Mr. James Budd, advised them to apply to me. This they did, and as their case was a simple one, I easily put them right. Then another firm, Messrs. Richardson's, was in a similar predicament ;—they had a water supply, but not sufficient. They employed a borer who bored, I think, 1,000 feet, without finding water. They were then advised by Budd to employ me ; when I visited their premises I found it was probably crossed by three water lines, one south, another at their well, and the third to the northward—as the strata was hard, impervious ordovician shale. It was evident that unless the bore hole was exactly on one of the water lines a bore was useless. I, therefore, advised sinking and driving. While they were considering my report, young Richardson heard of the water-man, and what happened afterwards you will know from the letters. I have my theory about their “water-finder,” and would like to talk it over with you.

G. H. KINAHAN.

The next letter is from Mr. Richardson, addressed to Mr. Kinahan in the year 1889 :—

Waterford, October 24th, 1889.

In reply to your favour, *re* John Mullins, Colerne, Chippenham, Wiltshire, I will give you a short account of his doings here. The morning he came I had him met at the Milford steamer, in order to prevent his having communication with any one in Waterford, and making inquiries about our premises. I myself went with him when he began his searches for water.

He had in his hands a hazel fork of this shape  holding an end between his fingers of each hand. He then walked about until the hazel fork twisted suddenly in his hands. He did this over and over again to test it, and marked several places for us to bore where he said he was certain we should find water, and gave the depths. One place in particular he pointed out to us and advised our boring, saying we should find about 1,500 gallons *per hour* at a depth of 80 to 90 feet. We procured the boring people, and the result of it was we obtained water at the depth of 79 feet from the surface. We tested to 1,672 gallons per hour, but we are sure there is more, only our pump could not test a greater supply. He [told us he] has six sons, and not one of them has this power.

It is a most curious thing, but must be genuine without doubt. I know several people in the north who had Mullins there, and found water where pointed out by him. It was from them I heard of Mullins in the first instance.

The rod often breaks with the force it turns in his hands. The greater the movement the more water is there, and by this he tells the depth.

W. RICHARDSON.

Mr. Richardson adds later :—

He holds the twig straight out in front of him, with the ends passing between his finger and thumb and coming out between his second and third fingers ; backs of hands downwards.

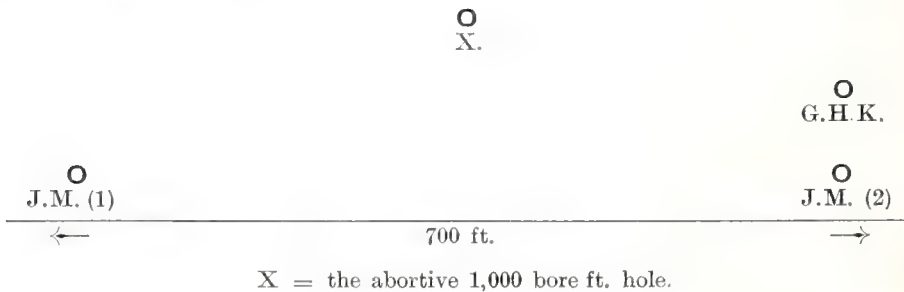
The next letter is from Mr. Budd, addressed to Mr. Kinahan, and is interesting on account of its having been written whilst the boring experiments were in progress :—

Tivoli, Tramore, Waterford, *September 3rd, 1889.*

Your being interested in Messrs. Richardson's case here will be my apology for my inflicting on you the following authentic account of the late proceedings there.

Well, they pierced where you pointed out to a depth of about 40 feet, got a little water, and then came on our blue metamorphic rock. Then the boring machine was, I believe, out of order, and while waiting for some new parts from London the borers got some jobs in Clonmel ; this delayed work here. Meantime young Mr. R. heard in the North of a man named Mullins, I think from Chippenham, who had been most successful in finding water with his hazel twigs. He is one of a few who possesses this "faculty." He cannot communicate it, for none of his own sons possess it. They sent for him, and to prevent any collusion or prefatory inquiries, one of their clerks met him at the Milford boat, and walked up with him to the concern. He carried with him about a dozen fresh forked twigs as thick as a quill, each side of the fork 12 or 15 inches long.

He traversed the whole of the premises, marking out four places where water might be got. The premises are about 700 feet long [see diagram].



No. 1 he said was the best place. No. 2 was not 20 feet from the place that you marked out (marked G. H. K.).

He held the twigs near their ends, between his second and third fingers, as if you were going to write, the point of the fork pointing downwards. At No. 1 the point lifted itself up till it turned over backward and twisted itself till it broke ! "Water here not more than 80 feet deep," said he. He used another and another twig. The clerks then held them with him, and held his hands, always the same effect. I saw to-day two of the broken twisted twigs.

Now for the result [at J.M. (1), which corresponds to No. 4 in Messrs. Richardson's drawing.]

The diamond borers pierced through 41 feet of boulder clay, then through 39 feet of our ordinary clay slate. Then on the 2nd [yesterday,] touched our old friend, the blue metamorphic rock, and stopped, sounded, and found 36 feet of water in their four-inch tube. They were told to pump, a steam one, which they did all night, 3 o'clock on 2nd to 9 o'clock on 3rd—18 hours—without any diminution of the supply, their estimate being 800 to 900 gallons per hour.

Arrangements were then made while I was there to pump into a cistern containing 270 gallons. After repeated trials the average was found to be 1,560 gallons per hour without the slightest sign of abatement. To-day it is reported to me to be 2,000 gallons per hour. Good water, temperature 52°, an important item to Messrs. Richardson's.

I would like to know what you think of this thing. To me it is wholly unaccountable. All I know is, they are singing "Jubilate" at Richardson's. What would Professor Huxley say?

J. BUDD.

Mr. Budd gives additional particulars in the next letter, also addressed to Mr. Kinahan:—

Tivoli, Tramore, *September 11th, 1889.*

I have been not only considering the bearings of the case, and it is an extraordinary one, but I have been making myself up on all the facts of it.

Mullins was never in the South of Ireland before, and certainly had no idea of Messrs. Richardson's locality. As to reading faces: they had no expectation of success; indeed, the failure of your boring made them give up all hope, and one of their principal persons utterly scoffed at the idea of the twigs; their faces, they tell me, must have expressed only incredulity and curiosity. I can quite believe that some nervous or muscular force, voluntary or involuntary, affected the twigs, for certainly they could not move of themselves. But was this force derived from some innate faculty? Mullins made no pretence of magic; there was nothing about him of "See now vot you *vill* see." Quite in a business-like way he walked through the premises as each door was opened for him, most of the clerks *following* him, and stopping every now and then. Up to the present there has been no effect on other wells with them or elsewhere. As to his knowledge, he did not know whether there was *any* well in the concern, but he had the general idea, which every one in Waterford has, that they had bored and *utterly failed*.

The clerk who accompanied him from the steamer, and whom I cross-examined to-day, is a reliable man. He was warned to answer no questions as to wells, water, or strata. Mullins did not ask him a single question.

When M. was asked before he left about his successes elsewhere, he said he had often gone to places where there was *no* water, but when he *had* indicated water in any place, as far as he knew, it had always been found, but he made no boast of this, said only he could not account for it.

As to 80 feet, *no one* said this to him, nor did any one know the depth of the strata there. *Your* boring was only 41 feet deep. The well through which the 1,000 feet was bored was originally 60 feet deep, and it was only

to-day that I learned for the first time, with some difficulty, that the steam pump well is 72 feet deep. This I learned from the clerk who manages the machinery; none of the others knew it, nor had ever asked.

As to the sailors¹;—as I said before, every one [here] knew of their boring, and failing, but no one outside the office but myself knows the particulars. They keep their business to themselves. I believe it was quite impossible that any sailor could know anything about their [Messrs Richardson's] concern, or, indeed, would care to know.

Well, he [Mullins] was written to, to come over and try his hand, as they were very anxious to get water.

He came, drove up to the concern, and they first brought him to the field you indicated. He walked about and said there was water in a spot about 20 feet *east* of yours. "Oh," said they, "We tried near this and failed." "No matter," said he, "There *is* water here." They then brought him through each of their yards and stores. In most of them he paused, and said, "There is *no* water here," but in *two* of them he said, "There *is* water here," and they marked them in red.

The last place they came to, to their surprise, he said, "This is by far the best place I have come to. Mark it No. 1." "Now mark the *first* place I went to No. 2, the others 3 and 4. I am sure you will get at least half the quantity you require at No. 1."

He has the look of an honest John Bull master mason, has picked up a good deal of information going about, and is of quiet manner, but answers any question he is asked promptly and in the most straightforward manner. He said he could not tell the depth at No. 1, but probably it would be within 80 feet. Their since finding it, at exactly 80 feet, was a mere coincidence. He left by the boat that evening. He asked no questions as he walked about, nor did they volunteer any information.

JAS. BUDD.

In reply to my enquiry as to the exact direction of the spots marked by Mullins, and as to the cost of boring prior to Mullins' visit, Messrs. Richardson kindly send the following additional particulars:—

Waterford, *February 22nd*, 1897.

The Mullins line runs N.N.E. and almost in the direction of the bedding of the rocks.

This was merely a coincidence, as Mullins had no local knowledge whatsoever of the locality, it being his first visit to this part of the country, and we gave him no knowledge in any way, as to position of wells, or that we had bored. In fact we kept him in entire ignorance, until he had located his line.

The line as marked on our map, and position of well, is the correct position, and all the borings and old wells are to the east of Mullins' line except the final well, which of course is on the line.

¹ In reply to my enquiry Messrs. Richardson tell me this probably refers to the sailors on board the steamer in which Mullins crossed over from England to Waterford.—W. F. B.

Mullins' line was not theoretically straight, but was comparatively so. Mullins started with his twig (a light hazel fork) at the top of Hodges field, and worked down through the concern,¹ and when finished the marking and pegs were almost a straight line running N.N.E.

No. 1. Bore Hole,—sunk to a depth of 292 feet, cost £267 13s. 4d. ; widening same down to a depth of 100 feet, cost extra £100, total £367 13s. 4d. [These numbers refer to the plan on p. 108.]

No. 2. Bore Hole,—sunk to a depth of 949 feet 7 inches from bottom of well, cost £916 16s. 6d.

No. 3. Bore Hole,—cost about £40, with pumping tests and delay, awaiting Mr. Kinahan's advice.

The cost of a bore hole depends on the size of the bore, and depth, as the contractors will not bore a 100 foot bore at the same rate as the first 100 feet of a 5 or 600 foot bore. Carriage of engine and gear, and pumping test have to be paid for, and add also to the comparative cost of the shorter bore hole.

The No. 4. Bore Hole—bored on Mullins' line—was composed as follows :—

First 38 feet clay, loose shingle 3 feet, yellow shaley sandstone 39 feet, last few feet slate and yellow shaley sandstone.

Mullins works his rod with the back of hands down, and holds each rod of fork between the second and third finger of each hand with the apex of the fork pointing to the ground, and each rod of fork passing over the second and first finger, and under the thumb, and held firm by thumb.

When the rod passes over any flowing water, the apex rises from the downward position, to a position with the apex of the fork in an almost vertical position and pointing upwards with a very perceptible jerk, although the diviner's hands are apparently inactive and without any movement whatever.

EXORS. OF J. J. RICHARDSON, PER C. F. HODGES.

It will thus be seen that the cost of the unsuccessful borings and well sinking prior to Mullins' visit was some £1,324,—an expensive experiment.

One other point required elucidation, viz., the level of the water in the Mullins' well compared with the level of the water in the adjoining tidal river. As to this Messrs. Richardson write as follows :—

March 11th, 1897.

In reply to your enquiry, the surface of the well is 95 feet above low water level ; while the bottom is 13 to 14 feet above it. The level of the water in the well when not pumping is 44 feet from the surface.

W. RICHARDSON.

So that the water level in Mullins' well is some 50 feet *above* the low water level of the river ; the well is therefore not supplied by percolation from the river.

¹ The ground is covered with buildings and sheds, and I understand Mullins had to go in and out of these in the course of tracing out the water line.—W. F. B.

Mr. Kinahan has also sent me the following as to the geological aspect of the locality:—

February 21st, 1897.

The Waterford rocks are Ordovician with protrudes or intrudes of basic igneous rocks. From the wells above and below the premises there seemed to be two water lines crossing it, both of which our friend [Mullins] found by instinct, due either to his being able to smell water, or that water has such an influence on his nervous system that he can tell the distance and quantity when he is near it; unless he was a Sherlock Holmes who could draw conclusions from trifles that no one else could detect.

G. H. K.

Having submitted the foregoing case to the Geological Survey of Ireland, Mr. J. R. Kilroe was good enough to send me a memorandum on the subject, discussing the whole matter from a geological point of view, accompanied by a geological map and section of the locality. Mr. Kilroe's memorandum is as follows:—

H.M. Geological Survey of Ireland, Dublin.

Notes on the Borings at Waterford.

The rocks of the neighbourhood are of Silurian age (Ordovician), and are in great part concealed by glacial drift. The drift area is indicated by stippling on the accompanying map; the portions enclosed by chain (boundary) lines are those where the rock is devoid of drift, and appears at or comes very near the surface.

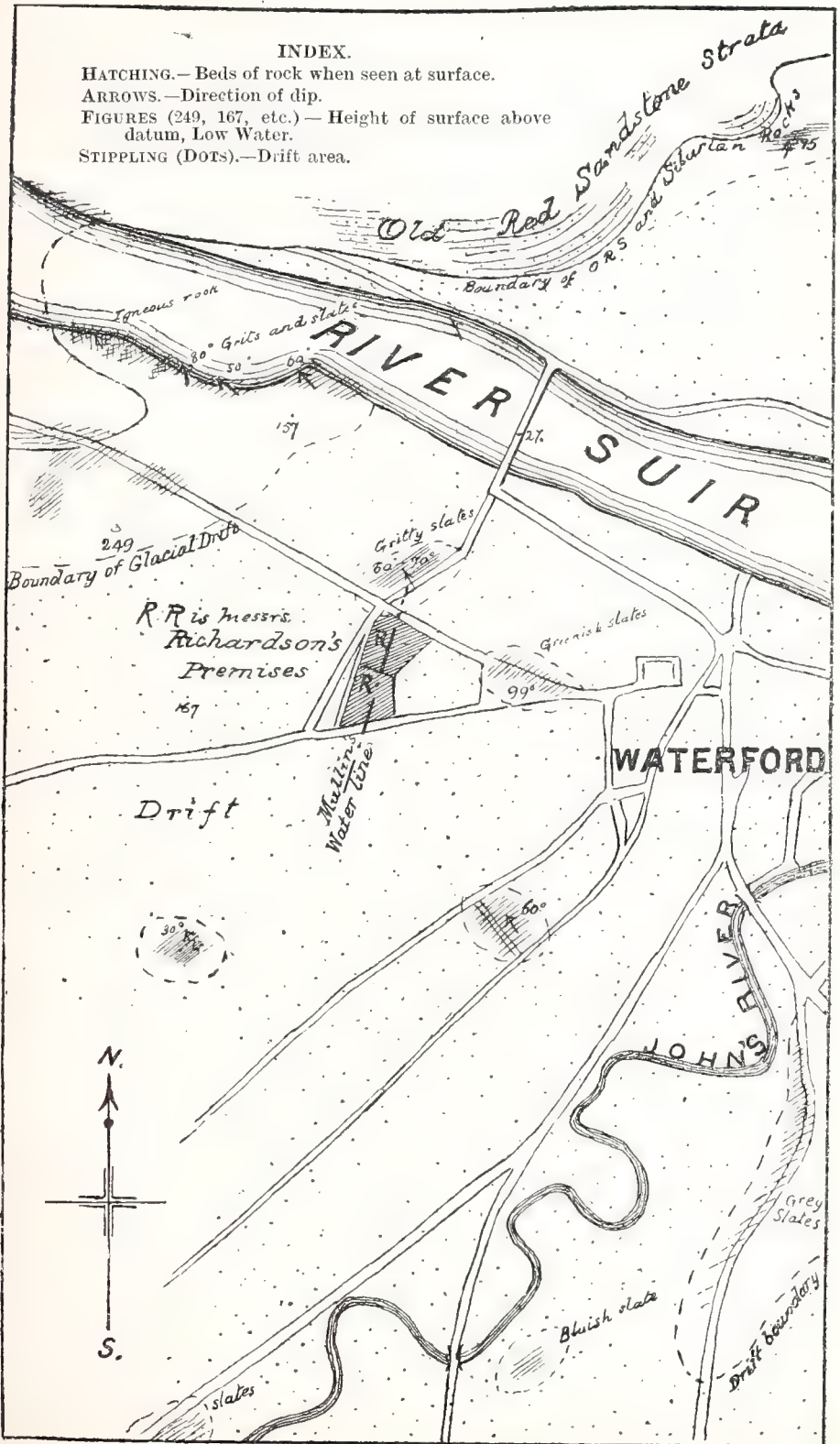
The strata consist of slates and grits in alternating bands; the former are comparatively impervious to water while the latter are more or less porous, and some may be sufficiently so to constitute reservoirs for underground water.

The beds of rock are set at a uniformly high angle—about 60° to the horizontal near Waterford,—technically called *the dip*: they are also much folded and contorted and dislocated by faults, as may well be observed along the sea coast not far distant, though no faulting, and but little contortion of the strata, seems to have been noticed at, or near, Waterford city.

The strata at Waterford, moreover, are *cleaved* in a direction which accords with that of the stratification; but stratification and faulting, in general, affect the location of underground waters, rather than cleavage, so that the latter is not of apparent import in our case.

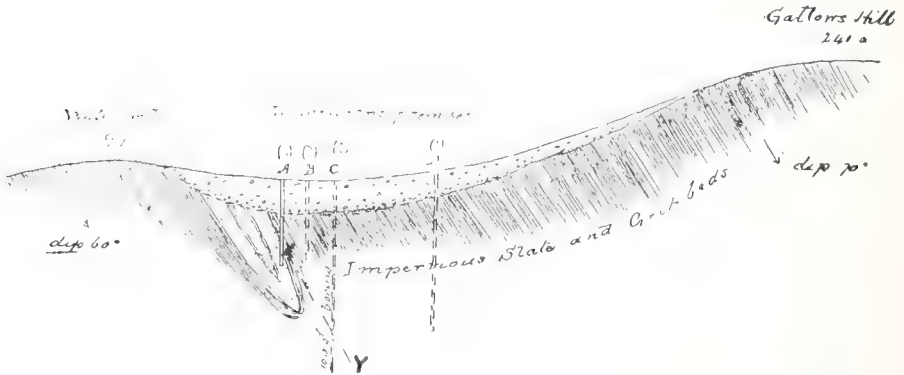
The futility of the first three attempts to find water proves the absence from the rocks pierced, of water-bearing strata, in other words, of porous sandstone or grit bands of any importance. A particular case in which a thick sandstone band might be supposed to exist, concealed, notwithstanding the unsuccessful sampling afforded by the first experiences, is discussed below; about this, however, one cannot speak confidently without a more intimate knowledge of the ground.

The lack of water in those borings does not seem to me to be accounted for by concealed faults or breaks in the strata; for if the rocks were thereby sufficiently shattered to admit of leakage, and descent of the water from the ground tried, it would not descend lower than the level of the Suir and the



same conditions would with equal facility and greater probability admit of percolation from the river to the point reached by the borings.

The water in Mullins' well, however, stands at 44 feet from the surface, and is dependent on the rainfall. It cannot therefore be due to percolation from the river; and must collect beneath the more or less porous drift which covers the rock at Richardson's works (see section).



DIAGRAMMATIC SECTION along a vertical plane supposed to cut through strata at Waterford, at right angles to Mullins' water line. The wells are numbered as on page 108.

Assuming that water would be found at the other points indicated by Mullins, equally with that at which the successful boring was put down, we should have a wet zone stretching N.N.E.-ward, in which a copious supply would be, in fact *was*, tapped [at one point] at some 80 feet below the surface.

This zone might be coincident with a line of fault in which water fallin upon the sloping surface northwestward would collect; and such a supposition is favoured by the circumstance that it is not coincident with the direction taken by the outcrop of the bedding.

On the other hand, a break of sufficient dimensions to supply over 1,500 gallons of water per hour would in all probability extend to and beyond the river, and admit of very great if not entire leakage of the water entering it, to a much lower level than 44 feet from the surface at all events; and no fault is represented here, on the published maps of the Geological Survey.

An alternative supposition is that of a porous stratum concealed beneath the drift, in the slight hollow at Richardson's premises. The only manner in which such a stratum could occur, consistently with the direction and amount of *dip* recorded for the beds in the vicinity, is such as that represented in the above section, drawn at right angles to Mullins' wet zone, and showing the relative distances from the latter of Kinahan's boring B, the 1,000 feet boring C, and the first one D. In this section the porous stratum and the thin grit beds are represented by dots, Mullins' boring by A, and the glacial drift by larger dots immediately beneath the surface line.

The stratum mentioned cannot be regarded as continuous (see line X Y) according to the *dip* of the beds, as seen at the surface, for in this case it would have been tapped by the 1,000 feet boring. It therefore should assume

a synclinal curve, and form a trough-shaped reservoir receiving the rainfall between the point marked 99, Gallows-hill (241 Δ) and the water shed south-westward. Such folding of the strata is common in Silurian rocks throughout the country.

J. R. KILROE.

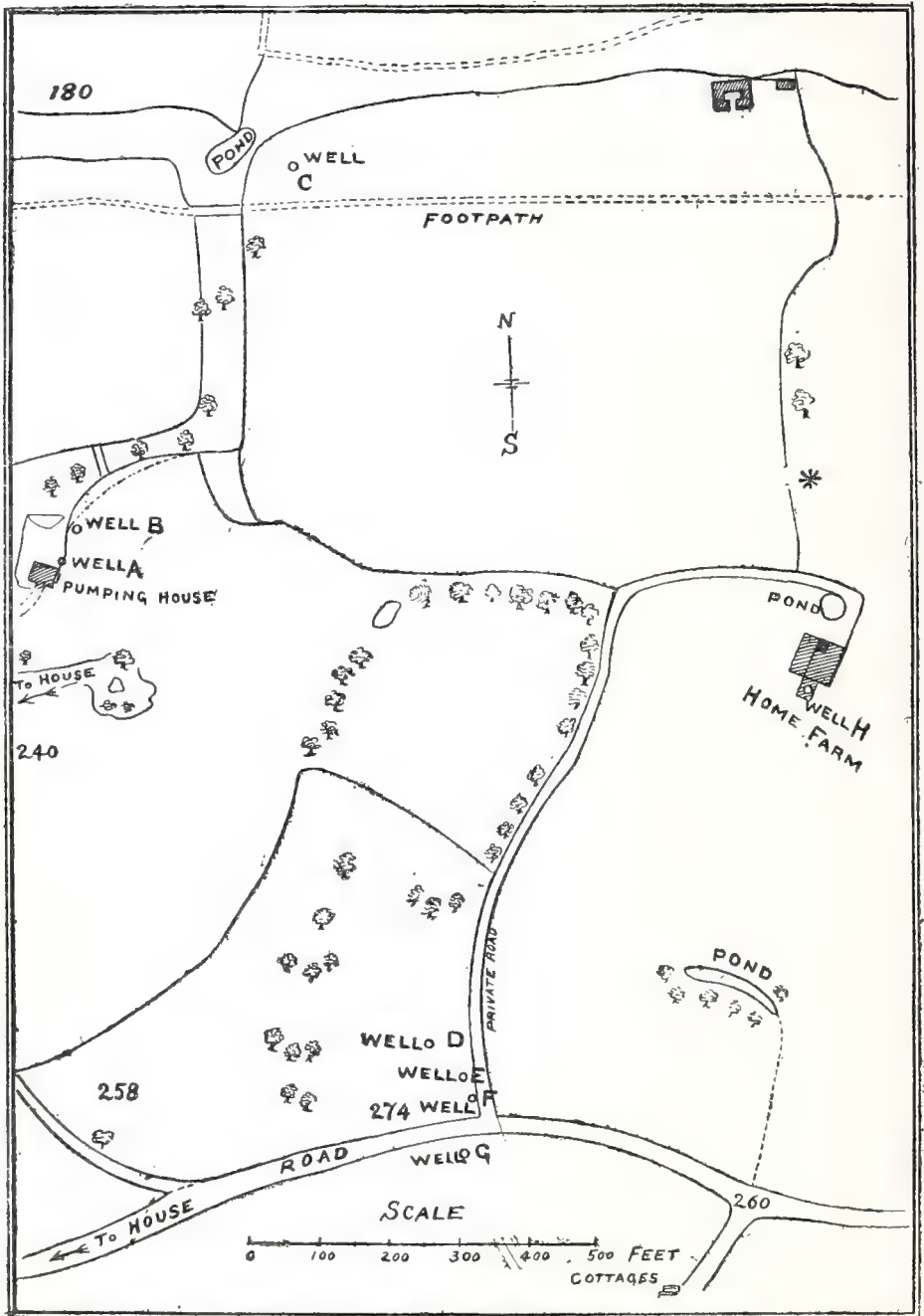
The bearing of this case on the general theory of a "dowsing faculty" must be considered in connection with the rest of the evidence.

THE HORSHAM EXPERIMENTS.

Reference to this remarkable case has already been made in the preceding group, No. 58, p. 85. The facts are briefly as follows:—The owner of an estate near Horsham, in Sussex, Mr. Henry Harben, found there was a scarcity of water on his property. He called in the aid of an experienced local well sinker and had a well sunk some 90 feet deep (well A, see p. 118), but got little water—in fact, this well, Mr. Harben states in a memorandum he sent me, is "absolutely useless." In an adjoining field, some 200 yards off, and at the lowest part of the estate, another well was sunk under the advice of another well sinker (well C); at some 55 feet down a small spring of water was met with running into the well, but the quantity was so small that the supply was quite insufficient.

Having spent a considerable sum uselessly in sinking these two wells, Mr. Harben determined to obtain from London the highest engineering and geological advice. His position, as one of the directors of the New River Company, and his ample means, rendered this comparatively easy. Acting under such advice another well was sunk (well B) not far from the first one (well A). This well was of large dimensions and sunk to nearly 100 feet, with, however, little result as regards water; tunnels were then driven in various directions, and finally, after £1,000 had been spent on this last attempt—made under the best scientific advice and with the most modern and approved engineering methods—the well B was abandoned.

Finally Mr. Harben was induced to send for the dowser, Mr. J. Mullins, of whom he had heard, and whom he had distinctly refused to employ before sinking well B, as he utterly disbelieved in him. Mullins came some time in the year 1893 (not long before his death), and, to prevent his gaining any local information, Mr. Harben met Mullins at the railway station and drove him to his estate, Warnham Lodge, some four miles off. Mullins said it was his first visit to that part of Sussex, and there is no reason to think otherwise. Arrived at Warnham Lodge, Mullins traversed the estate, said there was no water



WARNHAM LODGE PARK.

From 26 inch Ordnance Survey Map of Sussex (West), 1897, 2nd Edition.

The numbers, 260, etc., indicate height above sea level.

where wells A and B were situated, unless an immense depth were bored. As he came near well C he was narrowly observed. Mr. Harben tells me he and the well-sinker alone knew the exact direction of the streamlet of water which entered this well; no hint of any kind was given to Mullins. Suddenly the rod turned—"There is a small stream here," he said, "flowing in this direction." This was absolutely correct, I am informed; Mullins indicated the exact direction the streamlet was known to enter the well. Mullins told Mr. Harben that the depth of this well was between 50 feet and 60 feet, the actual depth being 55 feet. Dissatisfied with this supply, Mullins said he would try the higher ground. Mr. Harben tried to dissuade him, as that part had been examined and rejected by the scientific experts. "Never mind," said Mullins, "I am going to try it." At the top of the hill the rod turned vigorously, and the spot was marked; 30 feet further on (absolutely on the crest of the hill) it turned again. "Call this No. 1," said Mullins; 20 feet further it turned again. "Call this No. 2," said Mullins, "and the first No. 3." Mr. Harben then remarked that water doubtless existed everywhere at a certain depth beneath the hill. Mullins tried carefully and said "No. Nos. 1 and 2 are independent springs, there is no water between them, but you will find plenty of water at either of these places at 12 feet or 15 feet deep."

Mullins was then taken across the road to find a well for the supply of some cottages on the estate, about 250 feet distant from these last springs; he found a place where he said water would be obtained at a depth of about 40 feet. Here a well was subsequently dug, and at 35 feet deep a good spring was found, which, however, on analysis, proved to be chalybeate; accordingly this well was filled up. Mullins had indicated another place for a well, 75 feet distant from No. 2 spring, and some little distance from the cottages. Upon sinking here, water was found in this well in sufficient quantity for the requirements of the cottages (well G.).

The spots Mullins had marked as springs Nos. 1 and 2 on the crest of the hill were then dug; soon a hard limestone was encountered and after blasting and sinking at each spot to a depth of 12 feet from the surface, a copious supply of excellent water was suddenly met with (wells E and F). At No. 3 a good spring was also found at 19 feet deep (well D). Much to Mr. Harben's surprise, Mullins had proved right in each case.

Mr. Harben, fortunately for our enquiry, then resolved to go to the expense of testing Mullins' assertion that no water would be found between wells E and F, but that both were independent springs. By means of a powerful pump he had one of the wells pumped nearly dry; the water level in the other was unaffected. To leave no room for

doubt, however, Mr. Harben went to the expense of further testing Mullins' statement by tunnelling through the solid rock the intermediate 20 feet from the bottom of well E to the bottom of well F. Mr. Harben assures me from his own personal observation, corroborated by the overseer, whom I saw, that *no water* was found between the two wells, the intermediate rock being dry.¹ As the tunnel joined the water in the two wells a large storage tank has thus been formed some 5 feet in diameter and 20 feet long. "We have had," Mr. Harben writes to me, "ever since, even in the driest season, a most abundant supply of water, and Mullins was right not only in indicating the precise spots where water was to be found, but also in his assertion that water would *not* be found between the two wells E and F."

Writing to me on April 8th, 1897, Mr. Harben says :—

I had forgotten to tell you of another illustration of Mullins' power. He was walking with me towards my Farm Buildings [marked Home Farm on the map] trying his rod occasionally ; when he came to the spot marked with an asterisk [see right hand side of map], he stopped and said that here was another spring. I told him there *was* a well in the neighbourhood. Mullins then said, "I shall be able to tell you whereabouts it is." He walked to and fro with his rod and said, "The spring runs that way, and the well is probably behind that chimney" [see map, well H]. This was perfectly correct ; a well with pump attached was in an outhouse behind the Farm building. There was no possibility of Mullins seeing the well or pump, as it was entirely out of sight and in a closed building ; nor had he left my side to make any enquiries. We had not yet verified his other predictions and this incident, together with his discovery of the direction of the spring running into the well C, and the depth of that well, impressed me much.

On visiting Warnham Lodge, I found what Mr. Harben said was strictly accurate as to the impossibility of Mullins seeing the well and pump H from the position he occupied. In fact, I could not discover it until taken into the building where it was situated.

The foregoing account was compiled from information Mr. Harben gave me either in writing or verbally ; it has been seen and revised by Mr. Harben, who writes as follows :—

Warnham Lodge, Sussex, *May 5th*, 1897.

I return the account you have written, which is quite accurate, and have added one or two additional particulars. I have just heard of another feat of Mullins'. After doing his work at Captain McCalmont's, Mullins was

¹ What is known to geologists as "jointing" in the rocks suggests itself as a possible explanation of this peculiar distribution of water. But I should be glad to have some competent geological opinion on the whole of this case ; no geological explanation, however, can lessen the remarkable character of Mullins' water-finding faculty. A geological section of Sussex is given in the maps of the Geological Survey, and runs very close to Warnham Lodge ; the district is Weald clay with Horsham stone ; the latter is a sandstone often calcareous.

in the dining-room. He said there was water below the floor. On opening the floor a disused well *was* discovered.¹

H. HARBEN.

FAILURES.

The evidence thus far presented shows that certain persons, among whom the late John Mullins was conspicuous, certainly possess some faculty which is not given to all men, and not recognised by the science of to-day. It would be interesting to know how many failures Mullins had in the course of his career; but this, I fear, it is impossible now to ascertain. There could not have been very many, or news of them would probably have reached me, as I have made numerous enquiries for this purpose throughout the districts visited by Mullins in England and Ireland. A few cases have, however, been reported to me which I will here detail.

The first was the case of the Hastings Board of Guardians, who engaged Mr. J. Mullins in 1888. A new workhouse had been erected and attempts to find an adequate supply had, I believe, been unsuccessfully made before Mullins was called in. The Guardians were subject to some criticism for asking a "dowser" to advise them where to sink a well, and this was increased when, after sinking some 80 feet at one of the spots indicated by Mullins and no water found, the case was reported a failure. Later on, however, after the well had been sunk some 200 feet, the architect reported (according to the local papers and the *Gas Journal* of June 4th, 1889), that a supply of 2,300 gallons daily was obtained. In a letter to Mr. Vaughan Jenkins, John Mullins writes that he marked three places where water would be found, and indicated the best, but "the Guardians chose to sink on the worst and had to go deeper than they expected, but they did, at last, get a good supply of water, though not sufficient for their wants, which were great." In the *Sussex Daily News* of May 23rd, 1890, a meeting of the Board of Guardians is reported, at which a discussion took place concerning the success that had attended Mullins. Councillor Perrins moved that whilst the Board believed in Mullins' sincerity they regretted their hopes had not been realised, as at the best spot indicated by Mullins they had sunk 80 feet and found no water. [This was evidently a second well.] Others raised some objection to Mr. Perrins' motion, and Councillor Chapman thought it only fair to say

¹ I wrote to Captain McCalmont, M.P., who informed me that this incident did not occur at his house, but at a neighbour's in the country. The name, I learnt on enquiry, was Mr. Crawshay, to whom I wrote. It is, I find, a reference to the incident that occurred with the dowser Mr. Tompkins, related by Mr. Crawshay, particulars of which are given on a subsequent page. See latter part of No. 102 p. 151.—W.F.B.

that at the first well they had a yield of 2,300 gallons a day and that they had not driven headings as Mullins recommended.

I wrote to the local newspaper and also to the Chairman of the Board of Guardians to know whether any greater success had been obtained later, as I saw by another newspaper report that such was the case. To neither of my letters was any reply sent. Through the kindness of a relative at Hastings who saw Councillor Perrins on my behalf, the following letter from Mr. Perrins was sent to me :—

157, Queen's-road, Hastings, *March 26th, 1897.*

The Hastings Guardians a few years ago purchased a piece of land for a workhouse site, and for the purpose of determining the best spot to sink a well, the late Mr. Mullins was engaged to test the land by means of the twig . . .

[Mr. Perrins then describes the *modus operandi*, and the evident sincerity and absence of 'trickery on the part of the dowser.]

Mullins, at the end of his experiments, was able to indicate the best spot at which the well should be sunk, as being the place where the various springs converged nearest to each other ; he also stated the probable depth at which the water would be found, but would not absolutely pledge himself on that point. Suffice it to say, water was ultimately found in fairly large quantity, and the well only needed the requisite headings to store the water to make it a complete success. The water was found at a depth of about 25 to 30 feet.

W. PERRINS.

It will be noticed that the foregoing letter gives a much more favourable account of Mullins than the statement made by the writer of the letter at the Board of Guardians in 1890, nor was I able to obtain from Mr. Perrins any explanation of the discrepancy.

This case cannot therefore be regarded as a complete failure, in fact I am informed by Mr. Percy Clive that it was hearing from a friend of his of the *success* which attended Mullins at this Hastings visit that led Mr. Clive to employ Mullins on his estate in Herefordshire (see p. 35).

F. 3¹.—The next case, however, is more properly a failure ; here also I found it extremely difficult to obtain precise details. Mullins, it appears, was called in by the governors of the Berry Wood Asylum, near Northampton, to find a water supply, and as no water was found at the depth he estimated, he was considered an impostor. I wrote to the authorities at the Asylum for particulars, and eventually obtained the following information :—

Berry Wood, Northampton, *February 27th, 1897.*

Mullins, father and son, were here in March, 1892. They said we should find water at a given place, and there we sunk a well about 70 feet deep right through the ironstone and drove headings in two directions without result.

¹ The numbering, "F. 3, etc," is continued from p. 64.

I should say that water is often found under the Northamptonshire ironstone, and one of our wells draws its supply from that source.

The marlstone lies about 300 feet from the surface here. We knew we could obtain water at that depth, as numerous wells in the county get their water from this marlstone. Having failed with the ironstone we bored to the marlstone and found abundant water. Of course, Mullins had nothing to do with this, as it was well known the water was there.

RICHARD GREENE.

With reference to this case Mr. H. W. Mullins writes that he went to Berry Wood with his father and that a very large supply of water was ultimately obtained, only at a greater depth than they had estimated. This does not, however, put any different construction on the result.

F. 4.—The next case is from Mr. Denny, of Waterford, whose large bacon-curing establishment is near Messrs. Richardson's premises, where Mullins had the remarkable success detailed under the head of the Waterford Experiments.

Mr. Denny writes to me as follows :—

Waterford, *February 5th*, 1897.

Mullins indicated several spots on which he said water would be found, but in our case we got nothing practically but surface water. In fact with us here Mullins' plan proved as great a failure as it proved a success in Mr. Richardson's case.

Mullins also indicated a spot on our Cork premises where water would be found, and following his advice we dug a well and found a good supply at about the depth he mentioned.

E. H. M. DENNY.

I wrote to ascertain some further particulars, and learnt that at Waterford they sunk through clay and slaty rock down to 57 feet, and then bored a six inch hole to a depth of 207 feet from the surface, but found no good spring, the water obtained from the well being mostly surface water.

When the Waterford case (p. 106) is read in connection with this, it will be seen how easy it is to miss the exact water line in this locality. Messrs. Denny tell me Mullins pointed out several places where they would find water, and they sank at one of these ; it is, however, conceivable that a very small deviation by the dowser, or the well-sinker, would be fatal to success in this particular instance.

These are all the failures of the elder Mullins which I have been able to obtain ; even if multiplied tenfold they probably would not amount to one per cent of the successes which he appears to have had ; for it must be borne in mind that whilst I have printed all the failures of which I can get any corroboration, only those successes are given which I have heard of that appear to bear upon the main object of this paper.

GROUP V.—MR. W. STONE.

Mr. W. Stone, now residing at Bolingbroke Hall, Spilsby, Lincolnshire, is a native of Burbage in Wiltshire; he is a contractor for well-sinking, etc., and has had a wide and successful experience as a dowser. Though he has, I believe, risen from humble circumstances, his local standing is seen from the fact that he is Rector's Churchwarden and a District Councillor of his parish. I wrote to Mr. Stone and asked him to tell me how he found he had the art of dowsing, and to furnish me with evidence of his success and of any failures he has met with. He replies as follows:—

Bolingbroke Hall, Spilsby, *October 13th, 1896.*

In reply to your first question in your letter of the 17th inst., I was invited by a friend who had some suspicion that I possessed the power of a "diviner" to try the rod; I did so, and when walking with the rod in hand I felt a peculiar twitching in the rod, and hearing that the rod would turn with any one who had this feeling, I was determined to stop it, if possible; but, to my astonishment, the rod twisted itself over until it broke in my grasp; a good spring of water was found to be running beneath. I was, of course, some time before I would take hold of the rod and try it, as I was an unbeliever, and after I found I possessed the power, I was a long time before I would practise it, though I had numerous invitations.

Since then I have discovered thousands of springs of water with my divining rod, and can openly say that I have never failed to find water at the spots I have indicated. In numerous cases I have been called in after great expense had been incurred without success; also in many instances I have discovered water within a very few yards of the unsuccessful operations. I may say that I have discovered over a hundred springs within a radius of about 30 miles of where I am now living. I still feel a peculiar tingling sensation passing through my body, when standing immediately over springs of water.

The power to use the rod is not, I think, hereditary. My father did not possess the power, but I have a little daughter who possesses the power to a slight degree.

W. STONE.

On my venturing to question Mr. Stone's statement that he "never had a failure," he replies, "I would frankly tell you, if I could recall a single failure, but I do not know of even one that I have had." This statement is, however, not quite correct, as Mr. Stone, like other dowsers, has had occasional failures, particulars of which have reached me and will be given in a subsequent section. In another letter, Mr. Stone adds, "The sensation I experience when over an underground spring is very like what is felt when grasping the handles of an electric machine, often seen at railway stations."

The book of testimonials Mr. Stone sent me certainly contains a very remarkable and lengthy list of successes testified to by

owners and agents of landed property, manufacturers, etc.; the following is one of these.

No. 85.—The manager of a brewery in Newcastle writes:—

Newcastle-on-Tyne, *November 7th, 1894.*

The success which has attended the sinking and completion of our well affords another striking proof of Mr. Stone's marvellous power in the use of the divining rod. He visited us in May, 1894, and with his divining rod directed us to a spot where he said we would find water about 40 feet from the surface. His prediction was correct, for after sinking 41 feet, we came upon a spring of beautiful water, large enough to supply our wants at this brewery. We need scarcely say that our confidence in Mr. Stone's ability is beyond doubt, and he fully merits the fame which he has achieved in this district.

Pro THE ARTHUR'S HILL BREWERY COMPANY,
A. H. HIGGINBOTTOM.

In reply to my enquiries Mr. Higginbottom writes:—

Post Office Chambers, Newcastle-on-Tyne,

October 23rd, 1896.

Before engaging Mr. Stone no attempts had been made to find water by boring. I cannot believe Mr. Stone's success in our case was a mere chance. His prediction as to the depth at which we should find water was about accurate.

These replies answer your questions. I may now add that the experiments were made inside and outside the brewery; the strongest indication of the presence of water exhibited by the twig in the hands of Mr. Stone was in *a cellar*, the floor of which was covered with cement about three inches thick. Having in my own mind perfect confidence in the power of Mr. Stone I did not even bore, but at once proceeded with the sinking of the well with the result that at a depth of 20 feet we came across good feeders; but at 40 feet, predicted by Mr. Stone as the depth at which we should find a good supply, we found all the water we wanted and now can draw 3,000 gallons per day. In order to put Mr. Stone to a further test I took him to a back street about 25 yards from the brewery where very many years ago there was a pump (but of which Mr. Stone knew nothing) and on the very spot where it stood the twig denoted the presence of water, but not of sufficient quantity for our requirements.¹

A. H. HIGGINBOTTOM.

I wrote to Mr. Stone to furnish me with particulars of any cases where, as he stated in his letter of October 13th, he had been called in to find water by the rod "after great expense had been incurred without success." He replied he had not kept a list of all these cases, but quoted a few he remembered as follows:—

No. 86.—Colonel Grantham, West Keal Hall, Spilsby, dug to the depth of 50 feet for a water supply for a house, without success, and sent for me

¹ This is referred to by another correspondent see No. 94.—W. F. B.

to come and test with my divining rod. I did so, and tested, and about ten yards of where his deep sinking had been carried out, I discovered a beautiful spring of pure water at a depth of 30 feet. The water came in so strong when tapped, that the men had great difficulty in bricking the well. I have had just the same results in other parts of the estate.

I wrote to Colonel Grantham asking him if the foregoing statement, which I sent, was correct. Colonel Grantham, I learnt with regret, had recently died. His son, Captain Grantham, who was present at the experiments and took much interest in them, writes :—

West Keal Hall, Spilsby, Lincolnshire,

October 19th, 1896.

Mr. Stone is quite correct in saying that he has sunk two most successful wells for us in West Keal ; the spring, or as it was in this case the run, of water, being found by use of the divining rod. Certainly in one case a well had been sunk to considerable depth, without success, within twenty yards of where Stone found a large supply at, as he says, about 30 feet. I do not know the depth of the well originally sunk without success, but could find out if you care to know. Not only did he find the stream of water, but could tell in what direction it was running. Having found two streams running at right angles he pointed out the spot where they would meet, and on walking over it with his rod proved to be right within a few feet. He also told us pretty nearly, if not quite, the exact depth of the water both times he has sunk for us. There is an under-drain running a small run of water across the drive in front of my house, with nothing to indicate the place ; I got him to walk along the drive with the rod ; as soon as he stood over the drain the twig turned over.

E. M. GRANTHAM.

In reply to further enquiries, Captain Grantham writes :—

West Keal Hall, Spilsby, *October 27th, 1896.*

Mr. Stone assured us that we should get a sufficient supply of water by sinking on what he said was the strongest run. It being a suitable place we did so, with, as I have already told you, every success. That there is something in the indication of the rod, after seeing it used, is not in my mind open to question. I consider it is of the greatest use and saving in finding springs, and should not now think of sinking a well when I was not sure of water without the use of the divining rod. I have not as yet been able to ascertain the depth of the unsuccessful well you mention, as I have been away from home, but will do so and let you know.

E. M. GRANTHAM.

Asked the exact depth of the wells, in a subsequent letter Captain Grantham informs me that the unsuccessful well was 42 feet deep ; 28 feet of this were dug and 14 feet bored. The successful well sunk by Mr. Stone was only 30 feet deep, and was 15 yards distant from the useless well.

No. 87.—The next “evidential” case Mr. Stone quoted was as follows :—

Mr. Shirley, Ettington Park, near Stratford-on-Avon, had gone to great expense in a field this summer, and had to give up the same as Colonel Grantham did, without any success, and he sent for me to go and test. I at once went, and in the same field, only 15 yards from his expensive excavation, I discovered an abundant supply of water at 7 feet deep, and my men have just completed the laying on of the water, by natural gravitation, to the top of a very large mansion, gardens, stables, and yards. Many expensive trials had been made in trying to obtain a water supply to this house, but without success. Therefore the house could not be occupied through not having a water supply.

I wrote to Mr. Shirley, sending him the foregoing statement by Mr. Stone, and asking how far it was correct. Mr. Shirley replies :—

Lough Fea, Carrickmacross, Ireland,

October 23rd, 1896.

Mr. Stone’s statement is correct. I was with him when he went over various portions of my English property. He marked five or six places where he said there would be water, but so far I have only had one actually tested ; this was, however, perfectly successful, the water was found where he pointed out and at the depth he stated. I had previously gone to considerable expense in sinking, but could not find a sufficient supply. I was quite satisfied with Stone.

S. E. SHIRLEY.

In a subsequent letter, after reading the proof of the above, Mr. Shirley writes :—

Ettington Park, Stratford-on-Avon, *March 23rd, 1897.*

We sank at various places looking for water before Stone’s visit ; the one nearest to the subsequent supply found by Stone was about 20 or 30 yards off and about 10 feet deep : Stone went a little deeper but there was water before we got to this depth. The supply has continued very good. . . . Stone found the main supply at once and without hesitation, and certainly saved me a great deal of expense.

S. E. SHIRLEY.

No. 88.—The following is the next “evidential” case quoted by Mr. Stone :—

A large hall called Preston Hall, Uppingham, Rutlandshire, had been standing empty for several years through not having a water supply. Major Codrington, of 110, Eaton-square, London, went to look at it with the view of purchasing, and when he found there was no water on the place he refused to purchase, but agreed he would wait and see if I could find water. I was, therefore, sent for, and upon my arrival I met Major Codrington and the agents of the estate. They had also a gentleman from London to meet me who is a leading geologist.

I at once tested with my rod, and said a spring of water would be found flowing at about the depth of 60 feet. The geologist said water would be

found at 20 feet anywhere about the place, and he said to the Major, "If you don't find water at 20 feet, don't sink deeper whatever you do, for you won't find water until you get to 150 feet." It was decided to have a trial for the water, and the well is now sunk; not a drop of water was found at 20 feet, so the well was carried deeper until it reached 60 feet. Just at this depth, to the inch, a beautiful spring of water was tapped, which yields an abundant supply for all purposes, and through this result Major Codrington has purchased the estate.

Nine wells had been sunk on this estate before I visited it, without success, and useless wells are on each side of the well I have just sunk. My sinking plant is still on the spot and the well is just completed and open for inspection.

I sent the foregoing to Major Codrington and asked him how far it was an accurate statement. Major Codrington's reply and subsequent letters are as follows:—

110, Eaton-square, S.W., *October 19th, 1896.*

Stone's account is substantially accurate. There are a few details which are not quite accurate, however. There was water on the place, but the supply was insufficient. The geologist did not imply that water was to be found at 150 feet, but he merely said, "The clay is 150 feet thick at least, and there is no water in it."

At about 60 feet the clay was noticed to be very wet, and the actual supply of water comes from a point 66 feet below the surface of the ground, where there is a band of rock about 7 or 8 inches thick.

I sent a piece of this rock to the geologist, and he pronounced it to be a band of limestone, such as frequently occurs in the upper lias clay.

I may say that the soil which lies above this clay, and which is from 20 to 25 feet thick, is known as "Northampton sand." All the old wells are merely dug in this, but they have apparently been neglected for years. They nearly all contained some water, but, as I have said, the supply has not been sufficient for the place.

As to the name of the geologist, I do not like to give it to you without his permission, but I will ask him, and if he has no objection, send his name to you.

I had the water in the newly made well analysed, and the first analysis was not satisfactory. Being told that it frequently happens that new wells are contaminated, either by accident or design (men washing in them, etc.), I had precautions taken, and the well cleaned, and the water analysed again. The final analysis being satisfactory, I decided to purchase the property.

A. E. CODRINGTON.

110, Eaton-square, S.W., *October 22nd, 1896.*

Stone is a very decent man, and I am much struck with the confident way he works, and the practical knowledge he appears to possess. I saw him test for water; he walked very slowly, holding the rod thus Y, the point being about 12 inches from the ground. At one spot it curled up.

We tried again. This time he held one branch, and I held the other, and it curled up again.

Then I tried alone over the same spot, but absolutely no result whatever.

On the spot where the rod curled up we found water at 60 to 66 feet deep.

A. E. CODRINGTON.

110, Eaton-square, S.W., *November 5th*, 1896.

My geological friend preferred that his name should not be mentioned. He said to me the other day that the presence of the water where it was found was a great surprise to him.

A. E. CODRINGTON.

No. 89.—The next case quoted by Mr. Stone was as follows :—

I discovered a spring in an estate in the North of Ireland for a gentleman who lives at Newcastle-on-Tyne, after he had spent an enormous amount of money without success. Upon my arrival on the scene, I pointed out a spot where a spring of water would be found, after walking about five minutes. Water *was* found at this spot, less than 20 feet deep, and the previous sinking and boring had been abandoned after being put down to the depth of about 50 feet with no results. This had been done in the same field I discovered the spring in at 20 feet deep.

W. STONE.

Having obtained the name and address of this gentleman, I wrote to him for particulars. He replies as follows :—

6, Brandling-park, Newcastle-on-Tyne,

December 23rd, 1896.

In reply to your letter of the 13th, with reference to Mr. Stone and his "divining rod" (whom I employed on my place in county Down, in 1895), before employing him I had quarried through 17 feet of granite for water without success. I then sent a man from Northumberland with proper appliances to bore through the granite, still hoping to find water. He worked for several months. In December, 1894, he reported to me that he had found a good spring. In June, 1895, we had no water; after a great deal of expense it had turned out a complete failure. In December, 1895, I sent for Mr. Stone, and I must confess my faith in him was not very great at first, but I was soon convinced he could point out where there was water. He did so on several places on my land, and on one spot where he said there was a good spring, we started and quarried down some 20 feet in hard granite; we found a splendid spring and we have a great supply of water. Through all the long drought last spring and summer, when most of the springs in the neighbourhood were dry, ours showed no signs of diminishing. Where Mr. Stone found the spring was not near where we thought we had a spring; in fact, I would never have looked for one in the place he pointed out.

I have great confidence in Mr. Stone and his divining rod, and I am very pleased to recommend him. He has been successful in finding water in several places in Northumberland and Durham to my knowledge.

I shall be very pleased to answer any more questions with reference to the finding of water on my land.

J. MCKAY.

I wrote again to enquire the exact depth of the unsuccessful boring and of the successful well, and the locality. Mr. McKay replies:—

January 3rd, 1897.

(1) The depth of the old well quarried was 17 feet deep. We then bored through hard granite 29 feet, in all 44 feet. There is a lake a little distance from where the well was sunk. We were 6 feet 6 inches below the level of this lake. We expected to have a good supply of water on account of this. The depth we quarried where Mr. Stone pointed out was 23 feet, and we got a good spring.

(2) The locality where the land is situated is in South Down, between Rathfriland and Castlwellan (about midway). Cabra Towers, Cabra by Newry, is the postal address, and the nearest railway station is Ballyronney *via* Scarva.

J. MCKAY.

No. 90.—The next “evidential” case which Mr. Stone sends me is a remarkable one. The place, Woodside, is on the north coast of the Isle of Wight, between Osborne and Ryde; it is indicated on the geological map of the district. Mr. Stone’s account is as follows:—

Woodside, Wootton, Isle of Wight.

The owners of this estate had never been able to obtain a supply of water, although they had gone to a great expense to try and find a supply. I was therefore sent for, and upon my arrival I cut a hazel rod and immediately commenced to work. I had not been walking ten minutes before I discovered an enormous spring of water, and being convinced by the action of my rod that there was an abundant supply for all purposes beneath the spot upon which I was standing, I did not trouble to test further. I was then asked at what depth I thought the water would be found. I said at about seven feet. The agent said to me, “Mr. Stone, there’s a well over the fence there, 80 feet deep and no water in it, and another well 30 feet deep, just behind you and no water.” I said, “Never mind the old wells; you will find an abundant supply at the spot I indicate, at about seven feet deep.” I was asked if I would undertake to carry out the necessary work, and agreed to do so. I started two of my sinkers to dig at the spot I had marked, and they had not been at work a day before they struck the water, which rapidly rose to the surface. I then laid on the water by gravitation to the mansion, garden, stables, etc., and after all was completed Dr. Morgan expressed himself entirely satisfied with everything I had done.

My first visit to the Isle of Wight was to a village called Arreton. Several attempts had been made, at great expense, to obtain a water supply to this village without success, and upon my arrival I was told by the old men that I should never find a spring of water in their neighbourhood. I said, “Well, you must wait and see,” and I started to work with my rod in hand, and in a few minutes I discovered a spot, beneath which a good supply of water was flowing, and all the company who were with me were astonished, and said that was a spot they thought water would never be found at; I, however, guaranteed a spring at 10 feet, and the work was entrusted to me to carry out, which I did, and my men tapped water at nine feet, which quickly

rose to the top, and I laid it on to the rectory and village by gravitation. A well had been sunk within 20 yards of this spot, to a depth of about 50 feet, and not a drop of water was found.

An account of this case, I find, appeared in the Isle of Wight papers, and also, as follows, in *The Morning Post* for September 20th, 1892 :—

No little astonishment has been caused amongst the inhabitants of Fishbourne and Wootton, Isle of Wight, by the successful use of the divining rod. On the shore near Wootton Creek, overlooking the Solent, is a yachting estate known as Woodside, the residence of the Rev. J. B. Morgan, which has hitherto been without a good supply of water. Two wells have been sunk at considerable expense, but without success. It was thereupon decided to call in the assistance of Mr. William Stone, a well-known operator with the divining rod. On his arrival, Mr. Stone, after cutting his rod in the neighbouring coppice, set to work, and within ten minutes indicated a spot which every one seemed to consider the most unlikely on the estate. It was on the brow of the hill, and over 100 feet above the house, whereas the wells had been previously sunk in low-lying land. Men were, however, quickly set to work, and at a depth of 7 feet the water rushed into the well so fast that the men were obliged to get out, and the water came to the top of the well. This spring has been found an ample supply, and the quality is excellent. This is Mr. Stone's third visit to the Island. On his first visit he discovered a spring at Arreton, which yields enough water to supply the wants of the village, and he subsequently found water on another estate near Ryde.

On writing to Mr. Morgan for information, he replied to me as follows :—

5, Avenue Montaigne, Paris, *October 21st*, 1896.

I do not know the details of the account of Mr. Stone's work at Woodside House, I.W.—which has reached you,—but it is quite true that he discovered an abundant supply of water where efforts had previously been made in vain.

J. B. MORGAN.

I then sent Mr. Morgan the above particulars and he replies :—

Paris, *November 6th*, 1896.

The account which you sent to me of Mr. Stone's work at Woodside is substantially correct.

J. B. MORGAN.

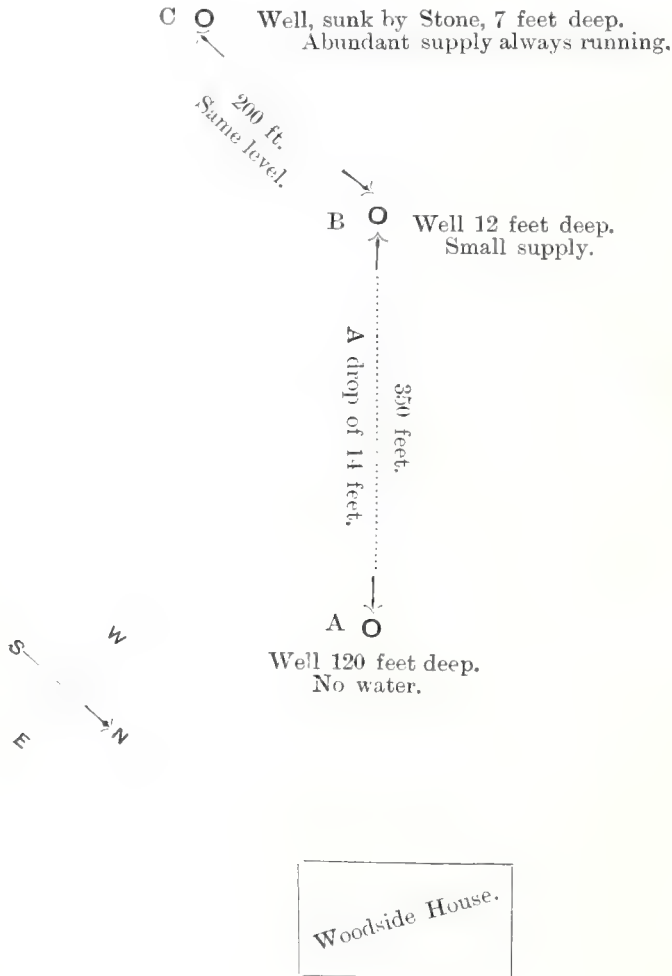
Mr. Morgan, in answer to my request for further details, wrote to say Mr. Taylor, of Woodside, would be able to give me the facts desired. I, therefore, wrote to Mr. Taylor, at the same time enclosing him a copy of Mr. Stone's statement, and asking him if it were correct. Mr. Taylor returns Stone's statement, endorsed, "*Quite correct, William Taylor,*" and also sent the following letter and plan of the respective position of the wells. It will be seen that "quite correct" does not apply to the relative depths of the wells.

Woodside House, Wootton, Isle of Wight,

March 31st, 1897.

In reply to your letter as to Mr. Stone and his finding water, I beg to inform you his statements are quite correct. The good well is about 200 feet from the old supply, which was very scarce through the summer, and I am pleased to say the supply from the new well is abundant. I enclose a sketch of the land, with the wells marked. The well said by Stone to be 30 feet deep is only 12 feet, and the one said by him to be 80 feet deep is 120 feet deep.

WILLIAM TAYLOR.



Wells A and B were sunk before the diviner's visit. C is sunk at a spot selected by Mr. Stone. C and B are on the same level. A is 14 feet lower.

In a subsequent letter, dated April 5th, Mr. Taylor says in reply to my inquiry—"The well that Stone sunk is only 7 feet deep and is

nearly always running over ; it is on the same level as the well with hardly any water, as you will see by the sketch, and 14 feet above the deep well with no water."

I should be glad if any friends living in the Isle of Wight would kindly make further enquiries into the Arreton case mentioned on p. 130. The various replies to my enquiries show that, after making due allowance for occasional exaggeration, the accounts of the various cases Mr. Stone has given me were substantially correct, and I have no reason to think it would be otherwise in the case of Arreton. Subsequently Mr. Stone sent me some fine photographs that had been taken of the springs, one of which we reproduce (see next page), and which he describes as follows :—

[It] shows me standing by the spring of water I discovered for the Rev. Mr. Morgan, Isle of Wight, and the rod I have in my hand shows me holding it just as I did when I tested for this valuable spring. The moment I put my foot over the water the rod turned in spite of me, broke itself, and left the two ends between my fingers and thumb. I was photographed with the same rod, but of course it was much shorter than when I first tested, as about three inches from each end had been broken off. I always hold the rod in the position you see. The photograph is taken near the house, the water from the spring having been "laid on." ❧

No. 91.—The next case Mr. Stone sends me is an interesting one, but unfortunately, owing to the death of the gentleman for whom the work was undertaken, the account given is only imperfectly corroborated.

The Hareby Estate, Spilsby, Lincolnshire.

This estate recently belonged to, and was occupied by, the late Mr. F. Tooth ; it is now occupied by Mr. George Marriner. It comprises about 1,000 acres of land, upon which is built a large mansion, several cottages,—forming the village,—farm premises and a church. No water was obtainable here, only by two water carts, continually being used to fetch water from a distance. In addition to the mansion, cottages, farm buildings etc., the cattle had to be supplied with water. In this case numerous well sinkers had been called in and they all failed. Hearing of me Mr. Tooth visited me when I was engaged carrying out some extensive work, and having satisfied himself, there and then specially engaged me for his estate. On my arrival there I found five wells had been sunk, from which no water was obtainable. I tested with my divining rod, and near one of these wells, I discovered a spring of water, at a less depth by some 80 feet ; this was only within a few yards of one of the previous sinkings. When I discovered this spring, I guaranteed to bring the water to the surface and above it. Let me say at once that that spring now delivers itself into a reservoir rising four feet above the ground, and when tested was yielding 24,000 gallons per 24 hours ; this same spring is now supplying the whole of the wants of the above named mansion, village, farm buildings, etc.



MR. W. STONE.

In connection with this, Mr. Tooth, since deceased, wrote to Mr. Stone as follows :—

Hareby, Spilsby, Lincolnshire, *June 12th, 1893.*

I am greatly pleased with the result of your discovery of springs by the “divining rod” on this farm in October last, and by the practical way you have since carried out the necessary works.

I have hitherto had great difficulty in keeping my stock supplied with water during the winter months, while in the yards, let alone the cost of leading ; now I am pleased to witness a constant supply, which has begun at about 17,000 gallons per twenty-four hours, of clear, pure, spring water ; an advantage to a stock farm that cannot be too highly estimated. I shall be pleased to answer any inquiry upon the subject ; meanwhile the drainage work to my grass fields will have your attention.

FREDERICK TOOTH.

I wrote to the present occupier of the farm, Mr. Marriner, and his reply is as follows :—

Hareby, Spilsby, *January 13th, 1897.*

The water discovered on the Hareby estate has proved most satisfactory, and I can faithfully substantiate the late Mr. Tooth’s testimonial, for the water discovered by Mr. Stone has proved abundant all through last summer, which as you know was exceptionally dry.

G. T. MARRINER.

In reply to further enquiries from me, Mr. Marriner writes :—

Hareby, Spilsby, *January 20th, 1897.*

In answer to your first question : Was a well or wells sunk prior to the diviner’s visit, and if so with what result and at what place ?

Only one new well had been sunk by Mr. Tooth, and that one proved a failure ; he had sunk 28 feet. Mr. Stone then commenced operations and said there was water three yards away, and he sank 15 feet and found plenty of water ; this well is some distance from the house and buildings and simply supplies a tank in the field for stock. There are several old wells about the place which Mr. Tooth had opened into, but from information learned from present foreman, who was here before Mr. Tooth came into possession, I gather that the above well was the only one sunk by *him*.

Second question : How deep were the useless wells, and how deep the well or wells successfully sunk by Mr. Stone, and how far apart ?

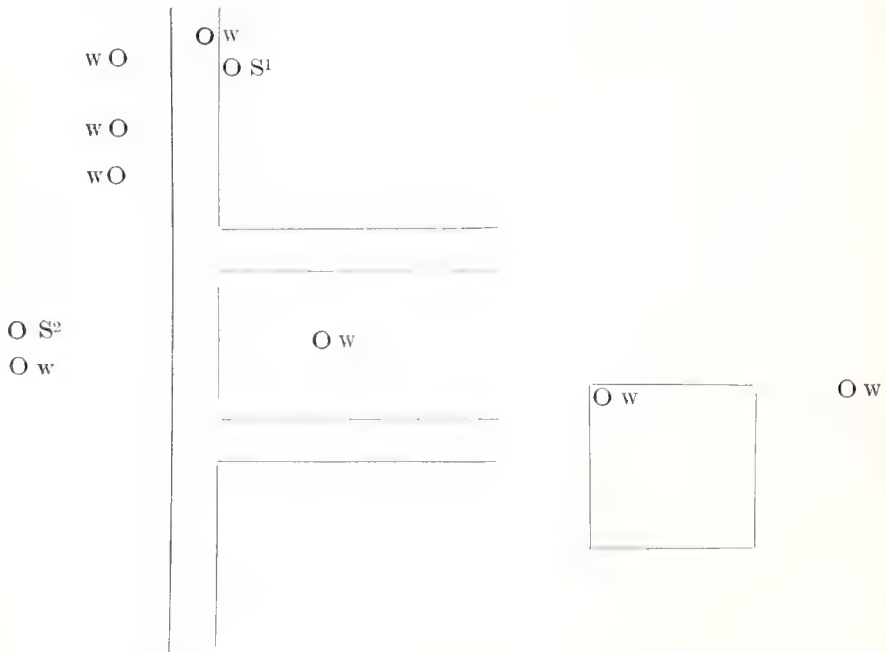
One old well is 80 feet deep. The well sunk by Mr. S., which supplies house and buildings, is near one which supplied same before Mr. Stone did anything, but which used to run dry in summer. The well sunk by Mr. Stone was only seven feet deep ; it proved and has all along proved, a never-failing supply ; the water here rises to the surface, and is conveyed into three circular reservoirs.

I myself think that Mr. Stone could very well do without the “divining rod,” it being simply a visible sign of the effect which water has upon his body.

G. T. MARRINER.

Writing again in explanation of the difference between Mr. Stone's statement and the foregoing letter, to which I called his attention, Mr. Marriner says, "I am afraid my last letter was misleading, as I understood from the foreman only two wells had been sunk; he now tells me that several others were dug before Mr. Stone's visit; our water supply now never gives us any trouble."

I sent the proof-sheets of the above, with Mr. Stone's statement, to Mr. Marriner for revision. In his reply Mr. Marriner states that further careful enquiry led him to make one or two slight corrections in his letter of January 20th, which I have incorporated, and he adds:—"I find *eight wells* had actually been sunk on this place prior to Mr. Stone's visit, but no satisfactory water supply was got until Mr. Stone came. Three or four of these wells had been dug by Mr. Tooth and filled in again. Stone discovered a spring at 15 feet below the surface, only three yards from the useless well sunk to 28 feet by Mr. Tooth, as shown by Mr. Tooth's letter, a copy of which I enclose." The letter enclosed is from Mr. Tooth to his agent, Mr. Parish, dated October 23rd, 1893, and corroborates Mr. Marriner's statement. The subjoined plan and explanation were also sent to me by Mr. Marriner.



w, w, etc., are the wells sunk before Mr. Stone came and are practically useless, and considerably deeper than S¹ and S², the wells sunk by Stone. S¹ supplies the house and buildings. S² is the 15 feet well, 3 yards from the well, w, which is 28 feet deep and has no water.

No. 92.—Mr. Stone also sends me the following :—

The Blyth and Tyne Brewery, Blyth, Northumberland.

At this place they had a well which had been sunk, and they only got a very little water. I was called in and tested with my divining rod. I found a spring from six to eight feet from the well. I suggested I should send some of my skilled men and that they should cut a drift from the side of the well in the direction of the spring. My suggestion was adopted; the men cut the drift and immediately the spring was tapped it commenced to flow into the well and the supply was and is sufficient (and amply so) for all the purposes of brewery, etc. I have heard nothing from Mr. Carmichael, the manager's director, lately, but he would, no doubt, furnish you with the plain facts of the case.

I wrote to the managing director, Mr. Carmichael, enclosing the foregoing account, and he replies as follows :—

Blyth, Northumberland, *February 16th, 1897.*

In reply to yours of the 12th inst., I have to say that what Mr. Stone has informed you about his work here is practically correct.

The date when the work was done was in May, 1894. The site was in the brewery yard. Depth of old well 24 feet; it was by no means useless, as we had a regular supply of water, although small. The well is now 28 feet deep, and the supply is what I would call fairly good but not large.

The place in the rock where Mr. Stone found the spring would be about 6 feet from the bottom of the old well in a drift which had previously been made by us; this was where we were getting the water from, and when the rock was cut away it so relieved the spring as to give us a much larger quantity and a quicker supply.

JAMES CARMICHAEL.

In subsequent correspondence with me, Mr. Stone remarks that he thinks Mr. Carmichael's recollection of the facts is not quite as favourable as the case deserves, and mentions some additional particulars. I forwarded Mr. Stone's remarks to Mr. Carmichael, who replies that, though Mr. Stone's recollection of certain particulars is not quite accurate, yet "both I and my co-directors were very pleased to get the increased supply."

No. 93.—The *Lincolnshire Chronicle* of November 7th, 1896, describes some experiments in water-finding by Mr. Stone in front of the Sessions House at Spilsby; at a certain spot the "little twig which had been held horizontally, rose perpendicularly and curled towards the operator." Digging was commenced, and at 15 feet a copious supply of water was met with. I wrote to the magistrate's clerk at Spilsby—Mr. Thimbleby, a solicitor,—to enquire whether previous attempts to find water near the Sessions House had been

made without the dowser's aid, and with what result. But this question Mr. Thimbleby does not answer; he replies:—

Magistrates' Clerk's Office, Spilsby, *January 9th, 1897.*

Mr. Stone's power to find water is something marvellous. The only instrument he uses is a branch of hazel or willow. He can tell at once where the water is, and approximately the distance to bore. I saw Mr. Stone "divine" for water at the Sessions House at Spilsby with great success, and his prediction of depth, namely 15 feet, was exact. I have seen what he has done at Hareby on the estate of Mr. Tooth and he was most successful. He found water at Newcastle for a laundry company on a space between two disused coal pits. Every one thought he was mad when he stated that there would be water, as each of the pits showed no signs of the presence of water, but by the aid of his rod he struck a spring which has supplied the laundry company at a saving, I believe, of some £500 or £600 a year.¹

THOS. WM. THIMBLEBY.

No. 94.—Reference is made in the foregoing letter to water-finding at Newcastle-on-Tyne. I have had some correspondence with the Laundry Company referred to and obtained full particulars from them, though the facts named by Mr. Thimbleby are not mentioned; possibly he was mistaken.

A long account of the Newcastle experiments was given in the *Newcastle Daily Leader* for April 12th, 1894. The reporter minutely describes Mr. Stone's appearance and mode of using the rod, "merely a small V-shaped branch of a sapling, the legs not more than nine inches long and the sixth of an inch thick,"—and how it rose up and pointed to the dowser's chin whenever "he had struck water." The positions were marked and then trials were made at the Moor Edge Laundry, where a spot was marked as likely to yield a large supply "about 50 feet below." The reporter states that "the keenest scrutiny could not see a persuasive movement of his [the dowser's] fingers."² Then other persons tried their hands but the rod "would not rise, not even for a reporter." The dowser's hands were swollen by the strain, the report adds.

The *Newcastle Daily Journal* gives a very similar account, and in its issue of May 17th, 1894, states that after digging a well a powerful spring was struck at only 15 or 16 feet deep, at the precise spot marked by Mr. Stone.

¹ The secretary of the Laundry Co. (see next case) informs me this should be £50 or £60 a year.—W. F. B.

² To this statement one of the directors of the Laundry Co., Mr. R. J. Charleton, who was present at the trials, replies in a letter he has kindly sent me. I will quote this letter subsequently,—when dealing with the question of unconscious muscular action in the motion of the rod.

The secretary of the Newcastle Laundry Co., in reply to my enquiries, writes as follows:—

The American Steam Laundry Co., Ltd.,
New Bridge-street, Newcastle-on-Tyne, *March 5th*, 1897.

I had the pleasure of reading your letter of enquiry before my directors on Monday last, and one of them who took notes at the time of Mr. Stone's visit, promised to look them over and communicate his impressions to me. The notes he has evidently mislaid, but I enclose you his letter that you may peruse and judge of his opinions.¹

In reply to your queries—

- (1.) No previous attempts had been made to find water within my knowledge.
- (2.) The well we sunk at the identical spot marked by Mr. Stone and only went 15 feet deep.

Personally, I consider the extract from *Daily Leader* a very true report of all that took place.

Perhaps another instance may be of interest to you:—

Some little time after the experiment at our works I was invited to meet Mr. Stone whilst he tried the ground at a brewery here. After indicating one spot inside the building where water would be found, he was conducted over some adjacent property and stopping short at a spot some 50 yards off, he indicated another find. The principal of the brewery then stated to Mr. Stone that the ground he was upon was not theirs, but that he had conducted him thither to test him, adding that "the ground you are now on is the exact spot where an old public well was closed by the Newcastle Corporation years ago, owing to the unfitness of the water for drinking purposes."

I should add that Mr. Stone was a perfect stranger to this part of Newcastle and I cannot see that he could possibly have known of the existence of this old well.

W. BIRD.

The description given by Mr. Bird, in the latter part of his letter, appears to refer to the incident already mentioned in No. 85.

In the beautifully illustrated pamphlet issued by this Laundry Company, there is a reproduction of a photograph taken of Mr. Stone in the act of discovering the spring which now supplies this laundry; the picture, which we have to thank the directors for allowing us to reproduce (see next page), is prefaced by the remark:—

An important item in Laundry-work is to get pure water and plenty of it. An abundant supply, fulfilling its requirements, we are pleased to say, has been found on the premises at the spot indicated by Mr. Stone. It will be noticed in the photograph that the rod is pointing upwards, indicating the presence of water below.

¹ This letter, from Mr. Charleton, will be quoted later on, as already stated.—
W. F. B.

No. 95.—Mr. Bolam, the agent to the Duke of Buccleugh, writes to say he has employed Stone for several years, and that he is most successful in finding water by means of the divining rod. Mr. Stanton,



MR. W. STONE.

a contractor, gives several instances of Stone's success. Here is one in a letter addressed to Mr. Stone:—

Geddington, near Kettering, *October, 1891.*

I have sunk the well on Acreland Farm, where you found the spring, and got a good supply of pure water at 54 feet. This is a great success, as there have already been three wells sunk and no good water. In fact there never has been any good water on the farm before. All the old men on the place said there would not be this time.

ARTHUR STANTON.

In answer to my enquiries, Mr. Stanton writes :—

Geddington, Kettering, *March 20th, 1897.*

Acreland farm in about half way between Geddington and Grafton-under-wood, by the roadside ; the old wells were about 20 feet deep, the new one sunk was about 80 feet [distance] from one of the old ones which I filled up ; one is in use now for the cattle, and the other was filled up some years ago.

I have also sunk wells after four men using the divining rod, but most after Mr. Stone and Mr. Mullins. In every case I found water, but in some cases a very short supply where the springs were shallow. At Barnwell Castle where I sunk a well, after Mr. Stone's trial, in a field for the use of cattle, I found a strong spring about four feet below the surface. At Burton Latimer I deepened an old well 40 feet, which was 35 feet before, making the total depth 75 feet. I came across the spring exactly in the line as Mr. Stone indicated.

ARTHUR STANTON.

Mr. Stanton's reply shows the importance of ascertaining the relative depth of the old and new wells. It appears that at Acreland the old wells were "about 20 feet" deep and the new one 54 feet, and as there is no evidence to show water might not be found anywhere in this locality at 50 or 60 feet deep, the case ceases to be of the evidential value it first appeared.

No. 96.—Having heard that attempts to find water had been made unsuccessfully at the Oakworth Mills, Keighley, Yorks., prior to the use of the rod and that Stone had found an abundant supply, I wrote to Messrs. Haggas and Co., the owners of the Mills, and the following is the reply of the managing director :—

Oakworth Mills, Keighley, *March 24th, 1897.*

In reply to your questions : 1. We have made attempts to get water previously by boring without success. 2. We bored 50 feet without finding water in one place, and 60 feet in another, about two years ago.

Recently Mr. Stone has had men sinking on places indicated by himself with the following results :—

- (1) A well sunk 10 feet and found water to fill a half-inch pipe.
- (2) A well sunk 14 feet and found a small supply, fill perhaps quarter-inch pipe.
- (3) A horizontal drift into a hill perhaps 25 to 30 yards long, and 25 feet deep at far end, yielding water about equal to a one inch to one and a-half inch pipe.
- (4) A well sunk about 25 feet ; the water rose to within 10 feet of top, and then ran off. This will necessitate our drifting the water off at 10 feet down.

(5) A well 30 feet deep without result, and we have abandoned this, as we think we have got the underground stream in about 100 yards distant (6), where at a depth of 18 feet we have got a strong run, perhaps 250 to 300

gallons per hour. This will not rise in the well, but will require drifting off at 18 feet down, or pumping. We shall drift, as the ground falls rapidly, and we shall have a short adit only.

FOR W. HAGGAS, SONS, AND CO., LTD.

WILLIAM W. VINT, DIRECTOR.

No. 97.—The *Liverpool Daily Post* of March 12th, 1897, has the following. Holywell is in North Wales, Penymaes is a village near Holywell.

A remarkable instance of the finding of water by means of the divining or “dowsing” rod has just occurred at Holywell. The governors of the intermediate school now in course of erection at Penymaes were desirous of obtaining a supply of water, and with that end in view sank a well, but although the excavation reached a very considerable depth and was a very expensive undertaking, there was not the slightest trace of water. In their difficulty the governors decided to employ a “water finder,” and Mr. William Stone, of Spilsby, Lincolnshire, was consulted. He duly appeared upon the scene, and, having procured the usual hazel twig, went with it over the grounds of the school, and ultimately indicated a spot where water would be found. On this spot accordingly a borehole was made, and at a depth of about twenty feet an abundant supply of water was discovered, and yesterday there were fourteen feet of water in the hole, with every indication of a splendid supply.

A very similar report was also published in many other Lancashire and Welsh papers. I wrote to the governors of the school at Penymaes, but received no reply. I then wrote to the solicitor to the board of governors (whose name I obtained from Mr. Stone), who had engaged Mr. Stone and again had no reply. Hearing that Mr. S. K. Muspratt, Grove Park, Liverpool, was chairman of the board of governors of the school, I asked my friend, Professor Oliver Lodge, F.R.S., if he would kindly make enquiries. Professor Lodge had an interview with Mr. Muspratt, who is also mayor of Flint, and forwards me the following notes of Mr. Muspratt’s replies to his enquiries.

“The newspaper account is correct, except that they had not previously sunk for water (an important exception). But there is not a full supply of water yet. The dowser asserted a depth of 70 to 100 feet, and the boring is going on and has reached 45 feet about at present. No previous boring was made, but advice from local men and others was got, and not being very satisfactory, was not acted on.

“The general impression, however, is that there is a good deal of water about Holywell altogether. The dowser indicated four springs, and on one of these spots the boring is being made and seems likely to be successful. There is no supply to the town, except surface water. The town and school are near top of the hill.”—O.J.L.

Here I may remark by way of caution that newspaper paragraphs on behalf of the success of any particular professional dowser are often mere paid advertisements of the man ; so that little value should be attached to them until corroborated by independent testimony.

The rivalry of the professional dowsers and the network of correspondents who are in communication with me from all parts of England, enables me to hear of *failures* as well as successes in the use of the rod. In fact, it is my practice specially to ask for information as to any failures. One correspondent gave me a list of three or four failures Stone had made. I wrote to each of the persons concerned. One or two appear to be failures, and are given in the list of "failures" below, whereas another writes that, though he does not like Stone personally, he would certainly employ him again if he wanted to find water elsewhere on his estate.

No. 98.—Again, another of these reported failures turns out to have been more or less a success, and brought the following letter :—

Conheath, Bellingham, *March 24th*, 1897.

There is not the slightest doubt of his (Mr. Stone's) powers to find water; the only objection I have to him is that his rod is too susceptible and finds water in too small quantities to be of practical value in all cases ; although in justice to him it is only right to say that when I had him the weather had been extremely wet, so that at the time small springs were running abundantly.

He gave one remarkable instance while sitting in the room at an inn with a piece of steel in his hand ; he said, "there is water here," and on taking the hazel twig and walking round the room he indicated the spot where it could be found. An old man in the room at the time then spoke up and informed the company that he could remember a former tenant of the place having a well in the cellar below the room where we were sitting.

R. RIDDLE.

In reply to my further enquiries, Mr. Riddle writes :—

Conheath, Bellingham, *March 29th*, 1897.

The incident of Stone finding the water in the inn is quite correct, and there was no possibility of him getting any previous knowledge, as I met him at the place and was in his presence during the whole time. Another incident of the same nature occurred in one of the fields, where he indicated a supply of water which had been drained away at some time, and no indication of such was visible ; another old resident that I had with us to mark the places called out, "I believe in him now, I have carried water from this place when I was a boy."

The scheme [of well sinking] was *not* carried out properly ; the part that was done was at my own expense, and as the other proprietors did not join with me in going to a source where I have every confidence plenty of water could be found, I, of course, gave the thing up.

ROBT. RIDDLE.

In reference to this case Mr. Stone says, "the ratepayers complained that the sinking was not done skilfully, which is the usual cause of these so-called failures."

In the case of another failure of Stone's that was mentioned to me, I could get no reply to my repeated enquiries addressed to the gentleman named; but from other enquiries I have made it appears that in this case a supply of water was obtained, only not of the volume, nor at the depth anticipated.

F. 5.¹—The next letter, however, records a more distinct failure. Mr. Hodgson writes to me as follows:—

Redesdale Cottage, Otterburn, Northumberland,
March 24th, 1897.

I have yours of the 23rd inst., respecting Mr. Stone. He made a good many tests for me, and on one estate I followed up three of them, and in each instance got a good supply of water, though generally at a greater depth than that named by Mr. Stone.

I tried two places on another estate, at each of which Mr. Stone said I should get water at about 45 feet. I sunk a well of about 5 feet in diameter to over 50 feet in depth in each case. I then bored from the bottom of the well—in one case over 100 feet, and in the other about 70 feet, and never got a drop of water in either of them. When "divining" Mr. Stone pronounced the last mentioned to be the best and strongest spring he had found in Northumberland. After the two trials above referred to, I lost faith in Mr. Stone, and several other places which I have marked out remain untried.

WILLIAM HODGSON.

I sent the preceding letter to Mr. Stone and asked what he had to say to it. He replied that the well sinking and boring was not done by him, that the work was badly carried out, and he was in no way responsible for the failure. I sent Mr. Hodgson Stone's explanation, and he replies as follows:—

Otterburn, Northumberland, March 29th, 1897.

I tried by boring at one place, and went deeper than Mr. Stone said, but did not get sufficient water to be of any use. This boring, I must say, was not very satisfactorily conducted, as it was done for me gratuitously, and I could not have the same command of the men as I should have had if they had been employed and paid by myself.

WILLIAM HODGSON.

It will be noticed that Mr. Hodgson now speaks of boring at *one* place, and getting some water. I do not understand the discrepancy between his two letters. Mr. Hodgson adds that Stone was a complete failure at Otterburn. On the other hand Mr. Reynard, a gentleman who formerly resided at Otterburn, states that it was owing to Stone's success which he witnessed in that town, that he

¹ The numbering, "F. 5, etc.," is continued from p. 123.

recommended his employment elsewhere. Without attempting to reconcile these different points of view, it is sufficiently clear that, even after wide enquiry, and making allowance for cases that have not reached me, the ratio of Stone's failures to his successes is a very small fraction.¹ For here, as elsewhere, it must be borne in mind that, whilst all the failures I have been able to substantiate are cited, only such successes are given as are needful for the main object of this investigation.

GROUP VI.—MR. B. TOMPKINS.

The next group of cases relates to Mr. B. Tompkins, of Pipsmore Farm, Chippenham, Wilts, whose experience as a professional dowser only extends from 1890. Prior to that time Mr. Tompkins was a tenant farmer, and gives me the following account of how he discovered his dowsing power.

On his farm he had been to some expense in trying to obtain a good supply of water for his cattle and at last was advised to send for Mullins and get the aid of the divining rod. This he did; Mullins came and found a spot where he said a plentiful supply of water existed at a depth of less than 30 feet. A well was sunk and at 15 feet deep a strong spring was tapped, which has yielded an unfailing supply ever since. After Mullins left Tompkins tried his own skill, and found the forked twig also moved in his hand. He traversed another part of his land, and found three spots where the twig turned vigorously. Mullins was asked subsequently to try the same ground; he came during Tompkins' absence from home, tried over the place, and fixed on the same spots that Tompkins had found, and privately marked, unknown to Mullins. This led the former to test his own powers in other ways, and, having gained confidence, he was asked by Messrs. Smith and Marshall, of Chippenham, the agents to the late Lord Methuen, to try if he could find a spring on Lord Methuen's estate, as a well already sunk had proved useless. Mr. Tompkins tried, and after a long search the rod moved at a certain spot on a hillside, where he predicted a good supply of water would be found. A well was sunk,

¹ Albeit one correspondent holds a very poor opinion both of Stone's success and of his veracity; but there appear to be extraneous personal reasons for this opinion. I have never seen Stone: judging only from the evidence before me, he certainly seems one of the best dowsers now living.

by blasting through 9 feet of solid rock, and at 18 feet a spring was struck, which rose some 9 or 10 feet in the well. Messrs. Smith and Marshall afterwards wrote as follows to Mr. Tompkins :—

Chippenham, Wilts, and 7, Whitehall Place, London,

November 24th, 1891.

The decision you arrived at was perfectly correct, and it is our opinion that if we had made the well six feet either way to the right or left of the spot you marked, we should have missed the water, which is now abundant.

SMITH AND MARSHALL.

I wrote to Messrs. Smith and Marshall, sending them a proof of the foregoing paragraph and letter, and begged them to make any corrections that were necessary. They replied from Chippenham that “the statements in the proof are perfectly correct,” both as regards their own letter and the facts mentioned in the preceding paragraph.

No. 99.—Mr. Charles Maggs, who is a Wiltshire county magistrate, and proprietor of the Melksham Dairy Company, required a large supply of pure water for his butter factory, and, after ineffectual attempts to obtain it, wrote to Mr. Tompkins to come over and try the divining rod. This was done, and subsequently Mr. Maggs writes to Mr. Tompkins as follows :—

Melksham Dairy Company, November 10th, 1890.

We found water at 30 feet, as stated by you at time of finding the spring—a very strong spring. Our hopes had almost gone and faith was all but spent. I have written an article thereon in the *Wiltshire Times*.

CHARLES MAGGS.

The following is an extract from the article Mr. Maggs refers to :—

Proof positive of the efficacy of the divining rod has been recently supplied in this town for water in the paddock in the rear of Mr. Charles Maggs' Butter Factory. To obtain a good supply of cold water for the dairy, a well had been sunk in close proximity to the buildings; but after going down 21 feet and boring a further 18 feet, no water of any consequence was met with. This led Mr. Maggs to request Mr. B. Tompkins, of Chippenham, to come over to ascertain if water was present in the field. After considerable search, the twig began to rise, and the upward movement was so strong that the rod bent considerably in its frantic endeavour to turn over, which it at once did on coming over the spring head, and broke. Sinking operations were shortly commenced; but the faith of the workers, after going down 25 feet without any results, was well nigh gone. However, they were instructed to continue, and on reaching a depth of 30 feet, the axe “pricked” the

spring, and up came the water straight in a column of about 9 inch circumference with great force. It continues to rise, and Mr. Maggs has now a good supply of cold spring water, which rises to within three feet of the surface level and as fast as the powerful centrifugal pumps carry it away to the Dairy; during the extreme drought of 1893 this spring has stood the test and yielded a plentiful supply for our use.



MR. B. TOMPKINS.

I wrote to Mr. Maggs, and had the following interesting letter in reply :—

Bowerhill Lodge, Melksham, *March 8th*, 1897.

Briefly the facts are :—

I sunk a well to find water for my dairy, and found none. Then I wrote to Mr. Tompkins, who came the following day; he cut a forked stick out of

the hedge, and having placed it over the well, said, "There is no water here," but found a slight spring within 10 feet, too small to be of any service, he reported. He walked all over the field, and said he had not come across any spring at all. However, in the extreme corner of the field a bunch of nettles was growing, and he entered this, and instantly exclaimed, "Here it is; and a good head of water, too! Not running away, but just ready for tapping, and as soon as you strike it, it will come surging up." "How deep?" "Not over 25 feet." He cut out a turf to indicate the spot, and we commenced sinking next day. The person employed was an old well sinker, and he came to me two or three times whilst engaged in sinking, showing specimens of the soil or marl, assuring me there never was water where such existed, and it was worse than useless to go further. I told him to go on if he had to get to New Zealand—it was my money, and he need not regard me nor my pocket. When he had gone about 22 feet, his pickaxe tapped the spring and the water came up like a fountain, and at such a rate he feared he should be drowned before he could get pulled up—his mates being away! The water rose rapidly to within twelve or fifteen inches of the surface. We put on pumps and kept the water down whilst he went a little deeper, but the rush of water was such that we had to desist going lower. Since then we have had a splendid supply. This was the beginning of his [Mr. Tompkins'] public career, and since then he has found water in several English counties, and has been doing like work in the African Bush, also with equal success.

CHAS. MAGGS.

No. 100.—Following the preceding case, the local newspapers give an account of Mr. Tompkins' success in finding a strong spring on the estate of Sir Gabriel Goldney, Bart., at Bradenstoke Abbey, Wiltshire. Having heard that the agent to Sir Gabriel Goldney could give some evidence bearing on our subject, I wrote to Mr. H. B. Napier, the agent, who replies as follows:—

Chippenham, Wilts, *May 11th*, 1896.

In reply to yours of the 6th inst., on the subject of water finding or "dowsing," as we call it:—

I have employed Mr. Tompkins on several occasions, and up till now he certainly has not been at fault, except in his estimate of the depth of the spring. Undoubtedly there is a great deal of humbug about the practice of these water finders, but at the same time I am satisfied that they have the power of detecting a spring, but I am driven to the opinion that beyond this their powers do not extend.¹ I remember an interesting case where Mr. Tompkins traced gold. When the Bath and West of England Show was held at Gloucester some years ago, a sovereign was lost under the board floor in the Finance Office. The members of the Council did not themselves know exactly where to find it, and sent for Mr. Tompkins, who indicated a particular spot on the floor, and on a carpenter being sent for, the sovereign was found to be immediately beneath the spot. In conclusion I may say that I

¹ Mr. Napier probably means that their powers do not extend to finding the depth and volume of water.—W. F. B.

am so satisfied of the "dowers'" power, that I should never dream of sinking a well without their assistance.

H. B. NAPIER.

With reference to the finding of the sovereign, this is certainly an interesting fact, and appears inexplicable by the hypothesis hitherto advanced of sign-reading or possible thought-transference. I am disposed, however, to consider it merely a chance coincidence. It is true Mr. Tompkins gives a detailed account of his finding concealed coins on other occasions; see pages 16 and 17 of a little book on the "Theory of water finding" which he has published.¹ Here, however, the persons present knew where the coins were hidden: the experiment narrated by Mr. Napier is much less common and the result probably due to the cause I have assigned.

No. 101.—Mr. Cowper Coles, who is agent to the Duke of Beaufort and Sir Joseph Bailey, at Crickhowell, near Abergavenny, informed me in May, 1896, that he was sinking two wells at spots where Mr. Tompkins predicted water would be found, and would send me the result when the work was complete. Writing a few months later, Mr. Coles tells me the result in both cases was successful. I wrote to ask in either case had prior attempts to find water been made, and with what result. Mr. Coles replies:—

Penmyarth, Crickhowell, *September 19th, 1896.*

In the case of Penprisk, Crickhowell, two wells had previously been sunk; both were failures. Tompkins said water would be found at a certain spot at about 100 feet deep. After going through 98 feet of rock we came on a gravel bed, and partly lost the water; we are going deeper now into the next rock. The rock is a very hard stone.

The other case, at Easton Court, near Tenbury, no prior attempt to find water had been made. The rock here is sandstone. The well was sunk 50 feet, and is doing well. We are now pumping with a windmill.

I am sinking several other wells now under Tompkins' guidance, and believe in the man.

S. H. COWPER COLES.

I wrote to Mr. Cowper Coles again this year to ask whether they had yet sunk deeper at Penprisk. Mr. Coles replies, under date

¹Like all the other pamphlets and booklets issued by the various professional dowers, this is simply a trade advertisement of Mr. Tompkins, and is not so remarkable a collection of testimonials as some others of the same kind. The late Mr. Mullins' little book, *e.g.*, is far more striking and contains numerous instances of his success which I have not quoted in Group IV. On asking Mr. Tompkins what his "theory" was, for it is not mentioned in his brochure, he replies, much as I expected, as follows:—"My theory is, it is the action of the water naturally which produces electricity and magnetism in the body; this acts upon the twig, which serves to indicate the presence of water, and the greater the strength, the stronger is the pressure on the operator, who is of a sensitive nature."!!

March 22nd, 1897, that, "owing to the continued wet weather, they had not been able to do anything more to Penprisk well."

No. 102.—The next case, from Mr. Codrington Crawshay, D.L., J.P., of Abergavenny, is instructive from the precautions taken by Mr. Crawshay to avoid any local knowledge being gained by the dowser. The letter is quoted from Mr. Tompkins' list of testimonials.

Llanvair Grange, Abergavenny ; *August 29th, 1893.*

For the last four months I have been almost without water (and in consequence could not have my family home), and I now find that my predecessors were short every summer. Having ascertained from Mr. Tompkins his fees, I wired for him to come, and met him at the station myself, so as to prevent him speaking to anybody who knew my place. He at once started work, cutting a V-shaped twig from a white thorn in the garden. He soon came on a stratum of water, and, following it up through my smoking-room, eventually came on the spring at a distance of 86 yards from the house. As my readers may imagine, I did not believe him, and told him I wanted to see the water. He immediately offered to sink the well on the condition of no water, no pay, which offer I closed with. After arranging terms, which were the ordinary well-sinking charges, *plus* the fee for finding the water, he started sinking the well, and at a depth of 14 feet struck a very strong spring—so strong that it was impossible to sink deeper than 18 feet, as no pump was able to keep the water down so that the men could work. Since then I have connected my engine, etc., to the well, and I am glad to say that I now have an abundance of water, and I find it impossible to lower the well more than 2 feet 6 inches. The water never rises more than 5 feet at the most.

CODRINGTON CRAWSHAY.

I wrote to Mr. Crawshay to ask if he had sunk any wells unsuccessfully prior to Mr. Tompkins' visit ; Mrs. Crawshay replies to me from Llanvair Grange, under date of February 10th, 1896, that her husband was at the Cape, but she believes that no previous attempt to find water had been made by them. Mrs. Crawshay kindly sends me her own recollection as to the particulars of Mr. Tompkins' visit, which coincides with the facts stated above. Mrs. Crawshay adds that Mr. Tompkins has been most successful elsewhere, but "he is not always correct as to the probable depth of the spring ; he said we should have to sink between 30 and 40 feet, and instead of that it was only 14 feet."

I wrote again subsequently to Mr. Crawshay with reference to the incident mentioned by Mr. Harben at the end of the "Horsham Experiments," p. 121, and enclosed the printed account of what is there said. Mr. Crawshay replies :—

Llanvair Grange, Abergavenny, *May 25th, 1897.*

Mr. B. Tompkins, of Chippenham, Wilts, was the water-finder I employed, and I can't speak too highly of the work he did for me. He came here a perfect stranger, and after casting round with his twig he came on a

stratum of water, which he eventually ran to ground under our kitchen. This afterwards proved to be true, as the following November the spring burst through the floor, and nearly flooded us out, and I had to cut a drain to run the water off. He, after having found the above stratum, carried the line through the house, and found the heart of the spring about 80 yards away. At his advice, we sank the well, and at a depth of 14 feet came on water in marly rock, and on driving the crow bar through, we came on a spring, enough to supply a large town. We had the greatest difficulty in sinking the well to a depth of 23 feet, which we eventually did. From that day to this we have had a most abundant supply of water, and although I have an engine, I don't think we can pump the well out, as the water comes in with a regular stream.

One of the curious things in sinking the well was, at a depth of 12 feet, we came across several green frogs in the marl, and as soon as they were exposed to the air they turned black and died.

I see by the paper you enclosed me that Mullins is the name mentioned as having found the water in the dining-room ; I don't know anything about this, but the facts I have told you happened under my own eyes. Captain McCalmont, M.P., has an estate about 25 miles from me. Any other information that I may have I shall be only too pleased to give you.

CODRINGTON CRAWSHAY.

In a subsequent letter Mr. Crawshay writes in reply to mine :—

Llanvair Grange, Abergavenny, *May 28th*, 1897.

Prior to Tompkins' visit we had a well sunk over 60 feet deep, which always ran dry in the summer. Tompkins knew nothing about this well, nor its position : 20 yards from the old well he came on the stratum of water I have previously described ; this led him to the spring where we sank the new well. The depth of this well is only 23 feet, and it gives us, as I have said, an abundant and never-failing supply of excellent water.

I am sure there are many people who, like myself, would greatly benefit if they only believed in water-finding by the so-called divining rod ; in fact, I can never repay Tompkins for the service he did me at Llanvair. You are quite at liberty to publish anything I have told you.

CODRINGTON H. CRAWSHAY.

No. 103.—Another spring was found by Mr. Tompkins for the Rector of Llanvair, under circumstances of considerable importance in connection with the theory of the dowser's art, for the ground was covered with snow at the time. This was the case also with the experiments recorded on page 83, No. 55, where the dowser was the late J. Mullins. The Rev. W. J. C. Lindsay writes to me as follows :—

Llanvair Rectory, Abergavenny, *September 7th*, 1896.

The snow was on the ground when the "diviner" came here the first week in February, 1895. There was the usual walking over the grounds round the house, with the forked hazel rod in his hands, which occasionally gave an upward movement that, he said, indicated the presence of water. At last the evolutions of the rod became so marked and vigorous, that it almost

skinned the fingers of the holder, and he said a strong spring would be found here. This was at a distance of some 250 yards from the house, and at an elevation rather above the level of the top of the house.

A well was sunk and water found at a depth of 34 feet, the water rising to as high as 29 feet in the well. During all the dry weather we have had an abundant supply, and little pumping, as the cisterns are mostly filled by gravitation.

W. J. C. LINDSAY.

In reply to certain specific enquiries I made, Mr. Lindsay writes as follows :—

Llanvair Rectory, Abergavenny, *September 11th*, 1896.

My gardener will give you answers to your questions. Mr. Crawshay's well is about a mile and a-half from this. The diviner was anxious in my case to find a good spring as near the house as possible, to save the expense of pipes to convey the water to the house. He knew nothing of the surroundings, and made a diligent search all round, and found this splendid spring in a place where we should have never thought of looking for it.

W. J. C. LINDSAY.

The gardener's letter is as follows :—

Abergavenny, *September 11th*, 1896.

(1) We had not tried to find water before Mr. Tompkins came. (2) It is therefore impossible for me to say whether a spring would be found anywhere on the grounds. (3) I am sure the diviner had no knowledge of the place to guide him. (4) Mr. Crawshay's place is about two miles from here, but I had not seen Mr. Tompkins before he came here.

JAMES HUGHES.

No. 104.—Of more value, from an evidential point of view, is the following letter, sent to me in reply to my enquiries. It is from the proprietor of the "Western Counties' Creamery Company":—

Marston House, Marston Magna, Bath, *May 28th*, 1896.

In reply to yours, I beg to say that previous to Mr. Tompkins' visit I had sunk two wells, one 20 feet, and the other, *plus* boring, 50 feet, with the result of only a very limited supply of water.

After a careful search by Mr. Tompkins, he assured me he had found a good spring at less than 30 feet. I agreed to let him sink the well, and at 18 feet he struck on a rock more than a foot thick, which, by the bye, we had not found in the other two instances. The water came in so fast that for several months I hoped I had sufficient, but some time after I found the supply was not enough, and I was then induced by a friend to bore at the bottom of Mr. Tompkins' well. This we did, and went down 130 feet, but then came on salt water, and had to plug down the bore hole. I then consulted some civil engineers, and they advised me to tunnel at the bottom of the 18 feet where Tompkins stopped. This I did; and followed the springs 10 feet each way, with (I am pleased to say) success. We now have plenty of water for factory, and I have just connected the well to the house besides.

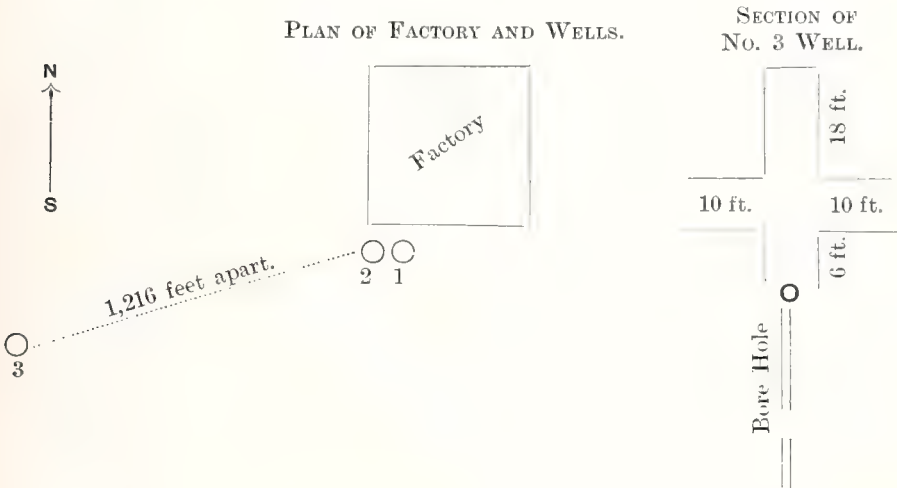
E. MARDEN.

In reply to my enquiries as to the nature of Mr. Tompkins' search, and the position of the useless wells, Mr. Marden writes:—

Marston House, Marston Magna, Bath, *June 1st, 1896.*

The search by Mr. Tompkins was with the divining rod. The other two instances were wells we had previously dug nearer the factory. Perhaps I should add the first well was sunk as close as possible to the building for the convenience of machinery, but we found no water. No. 2 is only 6 feet from No. 1, and I dug down 25 feet with this; I here bored at the bottom of it, 25 feet more, making a total of 50 feet from surface. In neither of these wells did we come across any material rock, and at the bottom of No. 1 we drove a pipe to connect the two wells for storage. Why I made the two wells so close together was on account of an amateur twig-man assuring me that although there was no water in the first well, yet there was some within 6 feet of it. This proved true, but when Mr. Tompkins (the expert) came down, he informed me that the real spring was exactly under the engine. Of course it was not practical to sink there, so Tompkins started to find a spring elsewhere. After a search of about an hour he came upon No. 3, which, as before said, he told me was within 30 feet from the surface. Tompkins sank No. 3 himself, and at 18 feet came upon a *thick* rock, and a good supply of water.

E. MARDEN.



No. 105.—I am indebted to Captain the Hon. T. S. Brand, R.N., a son of the late Viscount Hampden, for the following evidence. Mr. Brand writes to me as follows:—

Home Farm, Glynde, Lewes, Sussex, *May 28th, 1896.*

In reply to your letter, I have made the enquiries asked for, and am now able to enclose a statement of what happened on this estate with regard to "water finding."

THOMAS S. BRAND.

Statement Enclosed.

(1.) An attempt was made to find water about 30 years ago. After sinking some distance, air came into the well. This was then abandoned. After this another attempt was made, and a well dug 167 feet deep, but no water was found. This was given up.

(2.) In 1893, Tompkins of Chippenham was engaged. The spot selected by him was 450 feet from the old well, the ground rising from 8 to 10 feet. He went over the ground, tracing all the springs to one point, saying that water would be found at a depth of 70 feet. We dug at the spot selected, and found indications of water at 70 feet, and struck the spring at 124 feet below the surface. We have since run a bore something like 20 feet, to obtain a better supply, but I do not think it has improved it.

(3.) Site of well, Southdown Hills, in white chalk, with flints. When Tompkins visited the place, he was taken over the old well, which was then covered up, and according to him there was no spring in the old well, or anywhere near it.

Some further particulars of the case (2) were given at the time by Mr. Pickard, the steward of the estate, in the following letter addressed to Mr. Tompkins :—

Home Farm, Glynde, Lewes, Sussex, *October 2nd, 1893.*

You will be interested to hear that water has been found at the Toy Farm ; at a depth of about 118 feet a spring was found, and within a few inches from an opposite direction a second has broken forth, giving a strong supply. The digging operations were carried on for a day or two, gaining an additional 6 feet before the water gained the upper hand. We have, therefore, a well of 124 feet in depth, with 12 feet of water in the well, which certainly is very satisfactory. Water has been found where you indicated. The spring flows from the directions you named from either end of the Plantation, and I am very thankful for the supply.

I think as you have found a spring of water on the Toy Farm, you will find one anywhere. I should not have a well dug unless I employed you.

T. W. PICKARD.

No. 106.—The next letter is addressed to me from the Rev. G. Booker, M.A., and gives particulars of Mr. Tompkins' dowsing for water at Woolhope, Herefordshire :—

5, Norfolk Terrace, Brighton, *May 11th, 1896.*

In reply to your queries, my brother in his lifetime tried to deepen a small well at his lodge gate ; and he lost the very insignificant quantity of water which he had. There was on a high level, not far from the stable yard, a small well ; but there was no quantity of water in it ; quite insufficient for the supply of the house, and much more of the stables and gardens. The principal supply of the house and stables, &c., was drawn from two ponds used as reservoirs to collect the surface water from the rain, and a so-called land spring on a neighbouring estate. There was trouble about the water supply almost every summer. Under these circumstances, I being a trustee of the estate, had Mr. Tompkins' work as a water-finder brought under

my notice. I communicated with him at once, and he came, and without any trouble or delay found two springs, one of which, more convenient in position, we adopted, and found water, sinking through the hardest blue-stone, at $51\frac{1}{2}$ feet. Mr. Tompkins, in reply to an enquiry of mine when he found the spring, named 50 to 55 feet as the probable depth we should have to sink; you will see that the actual distance was between his two limits.

As to your third question [whether any prior attempts to find water in the neighbourhood had been made without the aid of a dowser] I have heard of attempts being made to sink wells and get water in the immediate neighbourhood of my son's property; but without success.

The *latter* part of the sinking in our well had to be done with dynamite. The water came in too quickly for the use of gunpowder. When last I enquired, there were 25 feet in the well, and the workmen are now fixing a wind-pump to lift the water from the well and force it to the house and stables. There may be charlatans amongst the so-called water-finders; but Tompkins is a genuine man and may be trusted.

GEO. BOOKER.

Two days later, the Rev. G. Booker kindly sent the following further details:—

May 13th, 1896.

The spring was found on the 19th September, 1893; but the well was not sunk for some months after that date, as Tompkins was very busy; and when he got to work he had to proceed by blasting with large charges all the way down. It was past midsummer in 1894, I think, before he finished the well, and had a head of water of 30 feet. I said 25 in my last, but it is recorded as last mentioned. The parish where the well was sunk is that of Woolhope, which is in County Hereford, and distant (speaking roughly) equally from Hereford, Ledbury and Ross. It is, you may be aware, well known to geologists from its presenting a sample of the silurian formation; and is, I believe, mentioned by Sir Roderick Murchison in one of his works. Tompkins' success on my son's estate got him employment on the Earl of Chesterfield's, which is close at hand. If you were to see him at work you would not doubt him. It is most interesting to see him following the run of the spring.

GEO. BOOKER.

No. 107.—I am indebted to Mr. Eastes, the Clerk to the Parish Council at Yelling, Huntingdon, for the following statement. I have also to thank Mrs. Rowley, of The Priory, St. Neots, who, at my request, kindly made enquiries at Yelling, and confirmed the facts narrated below:—

Yelling Parish Council, Yelling, Huntingdon,

January 24th, 1896.

Yelling is a village and parish on the borders of Cambridgeshire, six miles from St. Neots, and seven and a-half from Huntingdon. The inhabitants have suffered much at times from scarcity of water, there being in reality no supply. What was procurable was from ponds and brooks, and was known to be contaminated with organic impurities. There are several surface wells in the place, but their position at once indicates that the water

which percolates into them would be unsatisfactory,¹ and a chalybeate spring situated at some distance from the village is useless for domestic purposes.

In February, 1895, the water-supply question was brought before the Parish Council, and it was decided to seek the services of a water-finder. Mr. B. Tompkins, of Pipsmore, Chippenham, Wilts, was communicated with and engaged to visit Yelling. This he did on April 8th. Mr. Tompkins carried a white thorn twig in front of him. Following quickly its lead, Mr. Tompkins was soon [as he alleged] upon the spring-head, when round and round went the twig, over and over, twisting below where it was being held firmly, and eventually breaking off on one side. Mr. Tompkins then stated that here was what he termed "a water-flat"; the spring pointed out was the strongest point. It was [he said] about 80 feet down, and capable of supplying 2,000 gallons of water a day. (Spring No. 1.) This was satisfactory, but it was hardly in the right position. Another start was made from the centre of the village, and shortly round went the twig again, over and over; this was in the right place, near the centre of the village; he said, about 20 to 25 feet down [we should have a] supply of about 1,000 gallons a day. (Spring No. 2.) A third spring was also afterwards found in the same manner.

The Parish Council then set to work. Had a well dug over Spring No. 2. Found water at 23 feet 8 inches. Water analysed and found good. The Council have laid pipes from the well to the roadside, and there erected a pump to supply the central part of the village. They have also dug over No. 3 Spring, found good water and erected a pump. The rock over the Spring No. 2 was 2 feet 8 inches thick; the soil consisting of blue gault. The rock over the Spring No. 3 was thicker. There appeared to be two rocks to get through, between which was a layer of blue gault.

J. P. EASTES.

In reply to enquiries Mr. Eastes writes, "No definite attempt to find a spring by sinking a well beyond the surface wells had been made before Mr. Tompkins came." In a subsequent letter, Mr. Eastes tells me that the depth of No. 2 Spring was 23 feet 8 inches, and of No. 3 was 80 feet.

Further particulars were also sent to me, in answer to enquiries, by Mr. Anthony, of Yelling, who, Mr. Myers informed me, could also use the dowsing rod. Mr. Anthony writes:—

Yelling, Hunts, *December 24th*, 1896.

The water-finding here has proved very satisfactory. Although no attempts had been made to find water by sinking wells in Yelling prior to Mr. Tompkins' visit in 1895, yet I am quite satisfied that we should not find a spring of water by sinking a well *anywhere* in Yelling.² For there are several

¹ In a subsequent letter Mr. Eastes informs me that the Parish Council emptied the best of these surface wells and after it had refilled had the water analysed. The result showed "it was highly charged with organic impurities," and unfit to drink. No spring therefore existed in the well.

² Mr. Anthony tells me he means "anywhere at random," as will also be seen from the latter part of his letter.

old wells in the village which have been sunk many years ago, not with the idea of finding a spring of water (as no such spring was ever found in those old wells), but the idea was to sink wells and lay drains in the land 2 or 3 feet deep so that the surface water might be drained into them, and so storing water in winter for summer use ; frequently, however, the supply fell short in summer and great inconvenience was caused thereby. Since [Mr. Tompkins' visit in] 1895, we have had a plentiful supply from two wells sunk last summer, and which proved to be two good springs.

I find I can also tell where there is water [even] without the use of the rod, but the rod indicates more distinctly the spot or strata where water may be found.

I would further say here, that I know instances in the neighbourhood where boring, or rather digging and boring operations, have been carried on to a depth of some 200 or 300 feet without success. I am quite satisfied if we sank wells in Yelling, in many places we should find no water, and yet by means of using the rod it is possible to find water within a few yards of such wells without going many feet down.

R. ANTHONY.

In a subsequent letter, Mr. Anthony replies to my inquiry as to the depth of the surface wells which existed prior to Tompkins' visit :—

January 11th, 1897.

The surface wells are various depths, from 30 to 40 feet. The success which attended the sinking of two wells in the neighbouring village of Croxton is satisfactory, although water was not found at the depth Mr. Tompkins expected. In one case it was found at about 12 feet, in the other at 80 feet. Mr. Tompkins said they would find water about 35 or 40 feet from surface. Those two wells are sunk where the surface is about level, but in our case [at Yelling] one is on a hill, the other in a valley.

R. ANTHONY.

In a recent letter I am informed that, Mr. Anthony having found that the rod (in his own hands) moved strongly at one particular spot on his farm, he determined to sink a well there, and has just obtained a good supply of water at a depth of 65 feet. The last sentence of Mr. Anthony's letter of December 24th should be read in connection with this result.

No. 108.—The next two letters are from a tenant farmer and fruitgrower, Mr. Beaven, of Hereford. I had heard of the use which the dowsing rod had been to his fruit farm, and wrote to Mr. Beaven. He replies :—

Highfield House, Holmer, Hereford, *May 9th, 1896.*

In answer to your questions, in the summer of 1893 we had not a drop of water on the premises—a farm of 50 acres—other than what was carried from a road-side spring. Though the house well was 80 feet deep, it was dry, and never could be depended on in a drought. No attempt [besides the above named well] had been made to obtain water here prior to the visit of the “diviner,” nor should we have been at all likely to sink for water without

some certainty of finding it, as the whole formation of the subsoil is of a very dry nature. The farm lies on a bank, and the dwelling-house is at the foot of the bank. The spot where Mr. Tompkins discovered water is some 50 feet above the level of the house, exactly on the highest point of our fruit plantations. The spring had two subterranean outlets,¹ and by means of one of these the water finder traced the head of the spring, the twig pointing and leading him in a zigzag course till at length it revolved rapidly in his hands. There, he said, water would be found, probably at a depth of 60 feet. The well sinkers, however, had to go to 97 feet, through dry marly strata, before they tapped the spring, which has since yielded at the rate of 2,000 gallons per day. No sooner had the confined water been properly released, than the rod refused any further action, though up to that time it had been tried almost daily, not only by Mr. Tompkins himself, but by a workman on the farm who discovered he had the power, and the twig indicated, and turned over the spot up to the very hour the full flow commenced. A windmill pumps the water for us into a 5,000 gallon tank, and at the present hour we are using it on a freshly planted strawberry plot of 1½ acres, the water being conducted through pipes, and from taps at intervals by means of hose.

E. W. BEAVEN.

Highfield House, *May 21st*, 1896.

(1) No attempt was made to find water previous to the arrival of the diviner, for the simple reason that we should not have thought of attempting anything of the kind. It was only on the guarantee that water would be met with, and, in fact, the absolute certainty of the rod's indicating power, a power that every unprejudiced mind must admit to be undoubted and genuine, that induced us to sink for water. I am convinced that a thousand pounds might have been laid out in boring, &c., with no successful result. It would have been entirely chance work without the divining rod.

(2) As I said before, a workman on the premises discovered, quite unknown to us at first, that the twig would turn in his hands just over the spot indicated by Mr. Tompkins, and this was the only instance, although many ladies and gentlemen tried their hands.

E. W. BEAVEN.

Mr. Beaven, it will be seen, is (as, in fact, he tells me) "a thorough believer in the divining rod," and has, I understand, published a book called "Tales of the Divining Rod." Although the dry well was 80 feet deep and the well sunk at the spot indicated by the dowser was 97 feet deep, the surface level of the dry well appears to be 50 feet lower than the other. Geological opinion on this case would be important.

No. 109.—Mr. Tompkins has recently returned from a visit to South Africa, where he was engaged in sinking for springs by the rod. The accompanying picture, from a photograph taken on the spot,

¹ Mr. Beaven, I understand, means "the spring supposed to be indicated by the rod."—W. F. B.



MR. TOMPKINS DOWSING IN SOUTH AFRICA.

shows him at work in British South Africa, and the following letter, addressed to Mr. Tompkins, is from the same quarter :—

Prieska, Cape Colony, South Africa, *October 19th, 1896.*

We have struck water at the spot indicated by you, 57 feet deep. The news came in yesterday. You can imagine we are all delighted with the success. The mining work was completely at a standstill for want of water. We are sinking at three other spots you marked, and we believe we shall get lots of water in the "Bult," and make the property a valuable one. The drought is still very severe, and the difficulties of obtaining water for the men and cattle are very great.

HEDLEY BROS.

Mr. Tompkins, in a letter to me, states that "The syndicate which owned this large South African property had spent some £7,000 in the attempt to find water, but completely failed. Within 100 yards of one of the borings made I found a good spring." This statement must be taken for what it is worth, for I have no independent information whether any unsuccessful boring for water had been made previously at this place.

I wrote to Prieska, and also to Mr. Hedley's brother, who lives in England; the latter can give me no further information, and from the former I have not yet heard in reply.

No. 110.—Mr. R. C. Warner writes to Mr. Tompkins as follows :—

Oaksey, Malmesbury, *October 27th, 1892.*

We have sunk the well in the rick-yard, and at 49 feet we found the water. There is now 9 feet standing in the well of 6 feet diameter, and I believe we shall have a sufficient supply for my requirements. We have also sunk the second well for the garden and house supply, and believe that both will prove very successful. At the second well the water rose quickly to within 4 feet of the top, the well being 25 feet deep. At the first well we have 12 feet of water now, and from this one we can draw 400 gallons per day continuously, and this quantity is as much as we are likely to require in any one day.

R. C. WARNER.

I wrote to Mr. Warner to ascertain whether any prior attempts to find water had been made; he does not reply to this, but writes :—

Eversley, Oaksey, Malmesbury, *April 14th, 1897.*

In reply to yours I have very little to add to the testimony already given as to the utility of the divining rod in finding springs of water; in my case the result is still very successful, for during the last two seasons, which, as you know, were extremely dry, we had quite sufficient water for my use.

R. C. WARNER.

In a subsequent letter, Mr. Warner adds that "many failures had occurred in my district in sinking wells at hap-hazard."

I have not space to quote the replies to other enquiries I have made in this group, as they merely indicate that a copious supply of water was found at the various places indicated by the dowser; the Rev. G. Platt Dew, of Shirenewtown Rectory, Chepstow, and others, write to me to that effect. The Press Cutting Agency has also sent me newspaper reports of similar results in other places, including some Parish Councils who have engaged this dowser to find water in their localities. Mr. Tompkins also sent me a lengthy list of different persons for whom he has found underground springs by the rod, and no doubt among the list evidential cases are to be found.

Whether the dowser's estimate of the depth and volume of the underground spring be pure guesswork, or is arrived at by some instinct or experience, only a careful examination of the evidence can establish. As I have quoted some letters which mention that Mr. Tompkins was often incorrect as to the depth, it is only fair to say other correspondents tell me he was singularly accurate in his prediction of the probable depth of the spring.

No. 111.—Here, for example, are two letters which reached Mr. Tompkins unasked, and the originals of which he has sent me:—

Parnacott, near Holsworthy, Devon, *July 22nd*, 1896.

I should have written to you sooner to say how extremely gratified we are with the result of your "findings" here. The spring I sank upon last year which we found at 34½ feet (you guessed 33 feet I think) keeps the 5 feet diameter well even now supplied with 20 feet of excellent water. I am now sinking for the deeper spring you found (the first) for my fruit plantations.

D. C. COUSINS.

Stapeley House, Knighton, Radnor, *January 27th*, 1897.

I am pleased to inform you that we have found a good supply of water in my meadow at the spot indicated by you in September last. You reported the spring to be about 30 feet below the surface, and as we "tapped" it at 33 feet, I have every reason to be satisfied with the result of your water-finding.

A. H. WAINWRIGHT.

In answer to my enquiry as to whether he experiences any sensation when over an underground spring, Mr. Tompkins replies:—

I feel a tingling sensation, and the twig begins to quiver when I get on to a running stratum of water, and when over it the twig rises immediately. It does not move for surface water nor water in pipes or drains, only natural live water, as I term it. The moment I cross a stratum of water I feel a sort of bracing sensation, which passes up my legs, back, and shoulders, and down the arms to the twig; when I get off the water course I feel the loss of this power, till I cross the water again. When I get over the exact spot the twig revolves over and over, and I am powerless to keep it still.

Whether this tingling sensation which is described by most dowzers is due to their imagination or not, I have no means of knowing ; and meanwhile we must not attribute too much importance to it. Every dowser believes electricity moves the rod, and the chief effect of electricity is popularly believed to be this tingling sensation. Hence it is possible enough that if the dowser thought electricity always produced a peculiar taste, we should find *taste* substituted for *tingling* when over a spring. I shall, however, return to the question of the physiological effect alleged to be produced when dowsing for water.

FAILURES.

F. 6.¹—Mr. G. F. Lambert, of Bridgend, Glamorganshire, informed me on September 10th, 1896, that Tompkins had been engaged by the Urban District Council of Porthcawl, to find a supply of water for that favourite seaside resort.

Tompkins fixed on a certain spot where he said “an ample supply of water would be found at a depth of 80 feet.” A well was sunk here and on September 18th, 1896, in reply to my enquiries, Mr. Lambert informed me that water *was* found at the spot indicated at a depth of 50 feet ; and he adds, “the water collects in the well, which is 8 feet in diameter, to a depth of 20 feet in one night.” Subsequently, however, I heard that the supply was insufficient and that the Local Government Board had disallowed the expenditure involved, which was stated to amount to £800.

In response to my further enquiries, Mr. Lambert kindly went over to Porthcawl, and writes to me on June 24th, 1897, that he had seen the clerk to the District Council, who explained that, hoping to get a larger supply, the well was sunk to a depth of 140 feet, but though some additional springs were intercepted, the total yield was quite inadequate to the requirements of the neighbourhood. The well was sunk through a conglomerate magnesian-limestone (well known to exist round Porthcawl).

Mr. Tompkins had previously, in answer to my enquiry, frankly given me particulars of three cases where he had not been successful. He states these are the only failures of his he had heard of ; quite possibly, but the dowser’s estimate of the number of his own failures, as well as the usual attempt he makes to explain them away, must obviously be taken *cum grano salis*. After ascertaining where the failures occurred in these three cases, I wrote to each person concerned, and asked for further particulars.

¹ The lettering F. 6 is continued from p. 144.

F. 6a.—From the agent to the Kemble Estate, Cirencester, I received the reply that they “bored to a considerable depth at the spot indicated by Tompkins, but found no water.”

F. 7.—The only other information of these failures I have been able to obtain is from Sir Henry Mather Jackson, Bart., D.L., etc., who kindly gave me full details of his case, and to whom I sent Mr. Tompkins’ own account of this failure. After some correspondence, Sir Henry gives me permission to publish the following letter :—

Llantilio Court, Abergavenny, *April 6th, 1897.*

I am obliged to you for allowing me to see Mr. Tompkins’ statement in reference to his attempt to find a water supply for Bugaderi—a house of my mother’s near to here.

Mr. Tompkins advised sinking on the top of a hill, and stated that in his opinion there would be water enough to supply a cottage.

Boring was first adopted, and at one period there was, as Mr. Tompkins states, a certain amount of water in the bore-hole, but whether this was spring or surface water it was impossible to say.

After boring to a depth of 87 feet without any satisfactory result, Mr. Tompkins came over to see the place again, and he then said that it was a mistake to have bored, that sinking should have been adopted, and that though a considerable quantity of water had been allowed to escape, enough was left for the purposes for which it was required. Sinking operations were then commenced on the same spot, and after going down 122 feet without any sign of water, or evidence of there having been any water, the whole thing was abandoned. Mr. Tompkins is mistaken in stating that the boring was continued in the hopes that the “water would rise to the top of the well;” no such hope was ever entertained, and had any quantity of water been found in the bore-hole, sinking to that point would at once have begun.

In my opinion Mr. Tompkins failed entirely in this instance, but I know of so many cases of success that I do not myself doubt the existence of the “gift”; moreover, as you say, the fact of his giving my name to you, though he failed here, shows his honesty.

HENRY MATHER JACKSON.

In concluding this group I have to acknowledge the readiness with which Mr. Tompkins has offered to assist me. He writes: “I will gladly submit to any test or experiment you may like to impose, in order to arrive at the truth of the enquiry you are engaged in.” Not only so, but Mr. Tompkins, at his own expense, came from Chippenham to the meeting of our Society in London, when this paper was read, to meet me and also to show the members of the S.P.R. the method he adopts in dowsing.¹ Since then he has been to Cheltenham to submit to a series of experiments which Colonel Taylor has made for the purpose of this enquiry, the results of which will be given later on.

¹ Mr. Chesterman, another professional dowser, also did the same, kindly coming up from Bath to London.

GROUP VII.—MR. J. STEARS.

Mr. Stears' name has already been mentioned in connection with the very interesting case sent me by Mr. Clark (No. 7, p. 31). Mr. Stears is now living at Westholme, Hessle, Yorkshire, and was until recently engaged in business as an engineer in Hull. For some time he was hon. sec. of the Hull Field Naturalists' Society, and is much respected by all who know him. My attention was first directed to Mr. Stears' use of the divining rod by the following letter which appeared in the *Pall Mall Gazette* and the *Leeds Mercury* for October 9th, 1890. The writer is the Rev. W. Spiers, M.A., F.G.S., of Hull:—

Recently in the company of a few geologists on the Yorkshire Wolds, it was stated that one of our company (Mr. John Stears, engineer of Hull) was able to discover hidden water or metals by means of the rod. Our friend cut out of the hedgerow a fork of hawthorn, shaped like a long V. Holding a prong in each hand with the apex downward, we soon had an opportunity of seeing "there was something in it." Here and there, as he slowly walked along, the apex of the branch curled upwards as if alive. I know the gentleman too well to suspect that he was cheating us; but in order to see that he was not self-deceived, I placed my hand around those muscles which must have moved had the contortions of the rod been due to unconscious muscular contractions. I quite satisfied myself upon that point.

I then requested him to close his eyes, and I led him over a small stream that was running down the hill on which we were walking, and the moment we reached it, the rod commenced its remarkable movements. As soon as I touched it with my fingers it resumed its natural position. For water, it moved away from the operator, but for metals it swung round in the opposite direction.

I wrote to Mr. Stears, and the following is his reply:—

My experience has been most satisfactory (extending over 20 years), and I have always found water where the rod indicated it, also iron pipes. In some towns I have mapped out their position for the purpose of repairs, and the pipes have been found exactly where I stated, some even left deep where a road had been raised.

I may say that I notice a different sensation with waters and metals; there is a chilly feeling creeps up my legs when the rod shows water.

My powers vary with health; if tired I lose the power; provide the animal system with a fresh supply of food, and back the power comes. I do not like blindfolding. It seems to interfere with that calmness which is desirable, but I have tried it on roads where I denoted water; having been taken backwards and forward I have been started in the middle of the road and stopped at the part previously marked. Darkness does not interfere with the power in the least.

Mr. Stears then relates how he finds the nature of hidden metals by trying various metals in his hand along with the rod, the corresponding

metal stopping all movement This is referred to in Appendix C; it is the survival of an old tradition, but is nothing more than the effect of the dowser's own idea. Experimental proof of the fallacy of this among other superstitions connected with the divining rod will be given subsequently.

Mr. Stears states that it was after watching the noted dowser, Adams (see No. 25, p. 48), that he found he also possessed a similar power, and he adds that in 1870 he and Adams, quite independently of one another, located the same spot as the source of a good underground spring. On sinking a well a strong spring was found some ten feet beneath the surface in the magnesian limestone. When in Brazil in 1872, Mr. Stears says he occasionally tried his powers as a dowser and found a good supply of water for a resident, who sank a well at the spot indicated by him through the motion of the rod.

Mr. Stears has at my request furnished me with a tabular statement showing the places and the depths at which he has found water by the rod within the last two years only, at the same time furnishing me with references to those who had engaged him for this purpose. The list includes several local boards, noblemen, landowners and their agents, mill-owners, farmers, &c., a lengthy list. From many in this list I have received several letters in answer to my enquiries, and there can be no doubt of the success Mr. Stears has obtained as a water finder.

No. 112.—At a farm belonging to Mr. J. Letts, at Rillington, near Malton, in Yorkshire, a previous bore of 120 feet had been made unsuccessfully, not a drop of water being obtained; nevertheless, close by Mr. Stears found, by the use of the rod, a tremendous spring which he informs me “fires up as high as the house and continues to do so when the pipe is open.” I wrote to Mr. Letts and had the following reply:—

Rillington, Yorks, *January 23rd*, 1897.

1. Boring for water had been made prior to Mr. Stears' visiting the farm at my recommendation, but without success, although they bored a distance of 120 feet.

2. The place where Mr. Stears selected to bore would be about 30 yards distant from the previous place. Mr. Stears found a very good supply at 84 feet.

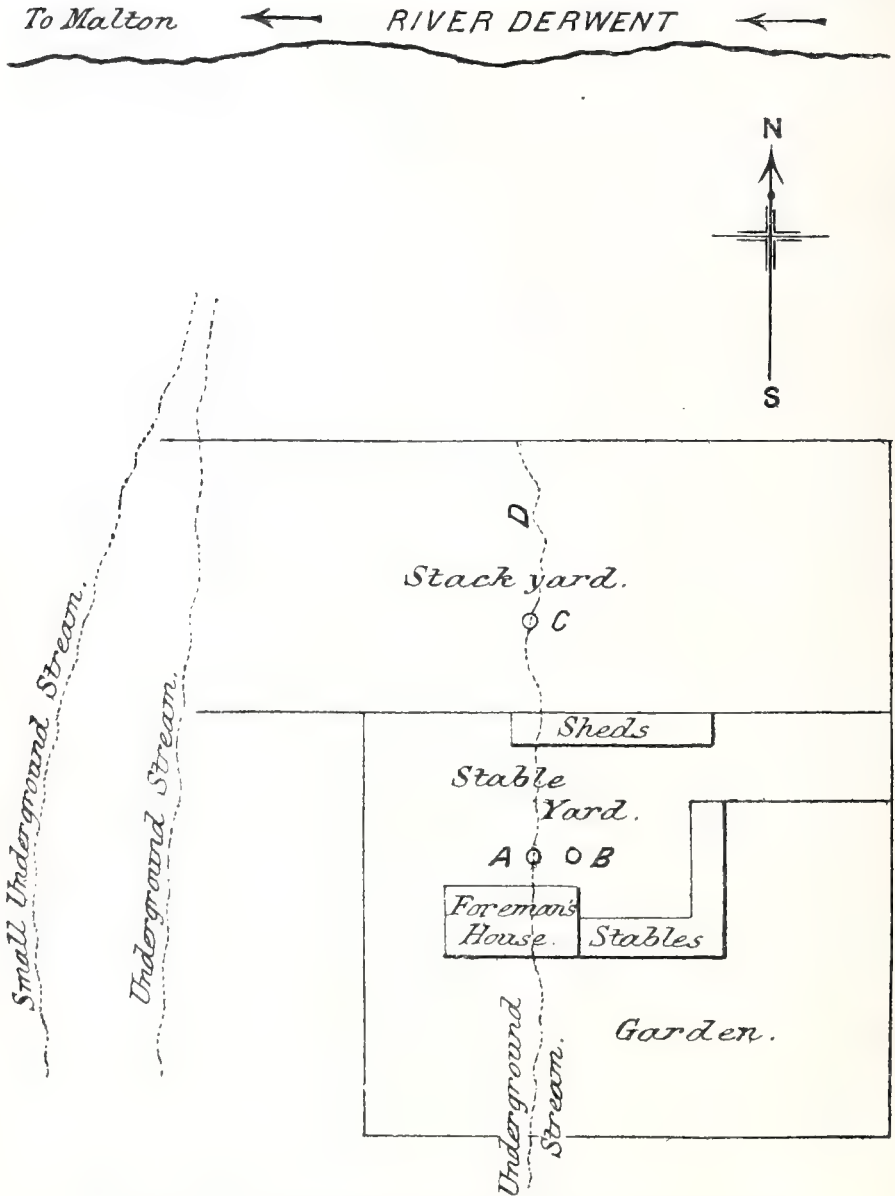
3. The site of the farm is in the valley between the Moors and the Wolds.

I may add Mr. Stears selected another spot for boring on my other farm. Although he found water, it was not nearly a sufficient quantity, consequently I didn't consider in that case he was so successful. I know several other places where he was most successful.

JOHN LETTS.

In correspondence Mr. Stears informs me that in addition to the 120 feet useless boring, there was also another well close by, some 70 feet deep, which was contaminated with sewage, and that by the rod

he traced an underground stream, which fed this well, to a spot where the new and successful well was sunk. It was important to know the exact position of the useless deep boring, and in reply to my enquiries Mr. Stears sent me the accompanying sketch plan. The dotted lines



PLAN OF MR. JOHN LETTS' STABLES AT RILLINGTON, YORKS.

A—Old bore, strong but contaminated with manure, about 70 feet deep.

B—120 feet bore, 5 feet off A; no water found by Halliday.

C—Bore ordered by J. Stears; plenty of good water with pressure at 84 feet.

D—Stream which feeds A and C.

marked "underground streams," Mr. Stears has put in solely on the faith of the indications afforded by the rod; they must therefore be taken as merely hypothetical. Moreover, as the well A is contaminated, if a stream flows towards the river in the direction indicated by Mr. Stears, one would expect the well C to show signs of contamination also. I sent this plan, with the foregoing remarks, to Mr. Letts, and asked him if he had any corrections to make. Mr. Letts returned it with merely a verbal correction, and marked "correct."

I am indebted to Mrs. Williams, of Temple House, Great Marlow, Bucks, for a list of places in Aberdeenshire, where it was stated Mr. Stears succeeded in finding water by the rod after other attempts had been made in vain. This latter statement, however, is not shown in the correspondence that follows. Mrs. Williams says, "The facts were related to me by my brother-in-law, Mr. Muirhead—Lord Aberdeen's estate-agent—who would tell you about his experience with Mr. Stears. Mrs. Irvine, of Drum Castle, tried the rod, but it made her quite ill and exhausted."

No. 113.—In reply to my enquiries, Mr. Muirhead writes:—

Estate Office, Haddo House, Aberdeen, *March 23rd*, 1897.

On July 7th last, accompanied by Mr. Stears, water-finder, I visited the farm of Braiklay, on the Haddo House estates of his Excellency the Earl of Aberdeen, in the parish of Tarves, and county of Aberdeen, the tenant of which is Miss Elizabeth Bean. The object of our visit was that Mr. Stears might indicate a place on the farm where a supply of water might be found, which could be introduced to the buildings on the farm by gravitation.

The farm lies entirely, according to the Geological Survey Map, on the gneiss formation, and slopes generally to the east and south, from about 380 to 250 feet above sea level, the farm buildings lying about half-way down the slope.

Mr. Stears proceeded from the farm buildings up the slope, and very soon indicated by means of the rod a stream of water whose course he followed to the highest point on the boundary of the farm. Leaving this stream he proceeded along the boundary until he found another stream, which he followed down the slope until he reached a point where he said that this second stream joined the first, which he had followed upwards from the farm steading.

The crop on the field at the time of the visit was turnips, and as the tenant did not wish the crop interfered with until the turnips were ready to be consumed by cattle, it was not until the month of November last that boring operations were commenced. After boring 21 feet water was found, which flowed at the rate of four gallons per minute, with steady pumping. The boring was continued to a depth of 40 feet where a great supply was found and which has never been pumped dry.

The water was recently introduced to the farm buildings.

Mr. Stears also, about the same time, visited the farm of Newton, in the parish of Methlick, also on his Excellency's estates, the tenant of which is Mr. Robert Wilson.

Here Mr. Stears also indicated a spot where water might be found, and, on boring operations being carried out, water was found at a depth of 10 feet. The boring was continued to 25 feet, where a satisfactory supply was got.

I will be glad to afford you any further information in my power.

GEORGE MUIRHEAD.

In a subsequent letter, Mr. Muirhead writes, in reply to mine :—

No attempt either by boring or sinking for water had been made in the neighbourhood of the place where Mr. Stears indicated that water would be found, prior to Mr. Stears' visit.

There was no evidence of there being any water at hand either at Newton or Braiklay, both farms being on hills, and water had previously to be carried some distance. There is now a good supply.

GEORGE MUIRHEAD.

No. 114.—I wrote to Mrs. Irvine and the following is her reply :

Drum Castle, Aberdeen, *March 16th*, 1897.

In reply to your note I beg to state that in 1893 we had the late Mr. Lawrence of Bristol to find us water, which he did successfully in three or four different places. In 1897 Mr. Stears came twice and marked a great many places. Some for future use we have not yet tried, but in seven cases we have found water on the exact spot marked by him. Both with Mr. Lawrence and Mr. Stears I tried the divining rod several times, but on each occasion it made me feel so ill that I do not care to repeat the attempt.

M. A. F. IRVINE.

I asked Mrs. Irvine if any previous attempts to find water, without the aid of a dowser, had been made on her property. Mrs. Irvine writes in reply :—

Drum Castle, Aberdeen, *March 30th*, 1897.

We had been obliged to provide water for various cottages and farms prior to the diviners' visits, as there was not a good supply, and one that was very apt to fail in the summer. Our attempts were not very successful, so hearing that Mr. Lawrence was coming to our neighbourhood, we decided to have him before making any fresh attempts in new places, with the result that I have told you. I am afraid that is all the information I can give you.

M. A. F. IRVINE.

No. 115.—The following report I abridge from the *Bury Times* of August 15th, 1896 :—

Some interesting experiments, in regard to the search for underground water, took place on land occupied by Mr. J. Eddleston, farmer, Wrigley Carr,

Birtle, yesterday. The experiments were occasioned owing to a well which had supplied the wants of the farm since 1888 having recently become dry. In consequence Mr. Eddleston has been put to some inconvenience in obtaining an adequate supply of water, and he decided to invite Mr. John Stears, of Hull, to visit the locality for the purpose of ascertaining by means of a "divining rod" where water could be found. About twenty persons, including farmers and others interested, witnessed the experiments. . . . After proceeding for some little distance, the "divining rod" (a forked branch of hawthorn) held in the hands of Mr. Stears about three feet from the ground, began to turn, and Mr. Stears announced that a good stream of water would be found underneath where they were standing, some distance below the surface. Wooden pegs were driven into the ground, in places indicated by Mr. Stears, to mark the course of the stream. . . . While tracing this stream the current indicated was so strong that the twig was snapped in two, and a little further on a second twig which had been obtained was also broken. . . . The well which had previously supplied the farm, and which had been worked by one of Mr. Webster's wind-power pumping engines, was next visited, but no satisfactory result was obtained in the vicinity of the well. A route was then taken in the direction of the farm, and it was soon apparent that another stream had been struck. This was traced for some distance and eventually found to cross the stream first discovered, although the two water-courses were, according to Mr. Stears, at different levels. He found the junction of the two streams, and a number of pegs were driven into the ground. Boring operations will be commenced in due course, and if these are successful the wind engine will be removed to the place from the well previously referred to. The spot indicated is on rising ground.

I wrote to Mr. Eddleston to ascertain if the foregoing report were correct and whether water had been found as indicated. The following is his reply :—

Wrigley Carr Farm, Birtle, near Rochdale,

September 15th, 1896.

I gladly comply with your request for report of the water found by means of the divining rod. Having been very much troubled this dry summer for good water, at the suggestion of Mr. Jonas Webster, water engineer, of Bolton, I agreed that he should get Mr. Stears from Hull. At the time appointed Mr. Stears came, and on a very dry hill above the house he found a good stream running in a west to east direction, and another smaller stream crossing the same north and south.¹ We considered [it] best to take the crossing point, so I at once engaged men to sink a well there; they went on sinking, and bricking as they went on, through the different minerals as dry and hard as possible until they got to the depth of 30 feet; then they came to the stream [running] north and south, which made a fair supply of water. But I kept them sinking on till they came to the next stream at the depth of 42 feet, which was an excellent stream running across the bottom of the well,

¹ Mr. Eddleston, of course, means that Mr. Stears stated these underground streams existed.—W. F. B.

just in the direction the diviner indicated. I should think we get as much water as would supply four or five farms; and it has risen in the well ten feet. I am glad to say the result is very successful, and Mr. Webster is now going to put up one of his wind pumping engines.

JOSEPH EDDLESTON.

No. 116.—Another case, which needs further investigation, is given in a letter to a journal called *The Carpenter and Builder*, of November 18th, 1892. Mr. W. Smith, of Atherby, Malton, Yorkshire, writes:—

“In order to supply a small cottage property with water, I dug a new well, and got to a considerable depth, when to our dismay, we struck solid rock, when on account of the cost it might entail, we were compelled to cease further operations, and in despair, filled it in again.

“I was relating my experience to Mr. Nelson, the courteous surveyor of the Norton (Malton) Local Board, who suggested Mr. John Stears, of Hull, with his divining rod. . . .

“Mr. S. proceeded to cut out of the hedge a forked thorn, which he held by the forked ends, with both hands straight out before him, and walked leisurely across the ground. Immediately he came across the spot underneath which he said lay water, the rod, which he held firmly with both ends, began to move upwards until it touched his breast. At that spot we have dug, and found water at a depth of only seven yards, which has set at rest any doubt as to the success or otherwise of the experiment.”

No. 117.—The following is from the *Peterborough Express* of September 12th, 1895.

As we briefly announced in a recent issue, the Arborfield Paper Mills at Helpston, owned by Messrs. A. Towgood and Sons, are being provided with a fresh supply of water, a spring having been discovered by means of the divining rod in the yard at the rear of the premises. A plentiful supply of water is highly necessary for the manufacture of brown paper, and the finding of the spring will give to the mill that which has long been required. The services of Mr. J. Stears, water expert and engineer of Westholme, Hessle, near Hull, were called into requisition. He found water in the yard, and it was eventually decided to bore at a spot behind the mill. The boring operation was placed in the hands of Mr. J. E. Noble, builder and contractor, of Bourne. Boring proceeded steadily for several days, various strata of earth, including rock, being passed through. At a depth of 49ft. rock was again reached, and at 52ft. a steady stream of water was discovered. The operations were still continued, the rock being again pierced, and at 69ft. the main spring was tapped, a volume of water of tremendous pressure shooting up. The boring was intended for a two and a-half inch pipe, but it has since been decided to have a four inch pipe. The quality of the water is to all appearances exceedingly pure, and the volume of water is estimated to be

between seven and eight thousand gallons per hour. The method of passing the water into the mill has yet to be dealt with.

Mr. Stears sent me the following letter from Messrs. Towgood to him :—

Arborfield Mill, Helpston, *May 14th*, 1896.

The boring for water which we made here at the spot indicated by you by means of the divining rod has proved entirely successful ; a continuous supply at the rate of 10,000 gallons per hour is now rising to the surface.

ALFRED TOWGOOD AND SONS.

I wrote to Messrs. Towgood asking if the above newspaper report were correct, and if a previous boring had been made, and, if so, how deep. They reply :—

The printed report you send is quite correct. No previous boring had been made. We quite believe in the divining rod.

ALFRED TOWGOOD AND SONS.

No. 118.—Mr. Stears, writing to me, states that he was also engaged by the local authorities at Helpston, who were in want of a better supply of water, and that he succeeded in finding an abundant supply by the indications of the rod. This is described at length in the local papers. I abridge the following from the *Peterborough Express* of August, 1896 :—

The question of the water supply of Helpston has been the one absorbing topic for some time, and the villagers have been in sore straits owing to the inadequate supply. So short was water in the village a few weeks ago that the inhabitants trooped to the pump in the early morning, but many had to return disappointed. A well sunk last year proved to be of little use. Mr. Howes, the representative on the District Council, interested himself to a great extent, and his efforts resulted in the matter being placed in the hands of the Parish Council with power to act. This body called in the service of a "diviner," Mr. Stears, of Hull, who successfully operated in the case of the water supply at the Paper Mills. One of the spots tried was at the four cross roads in Woodgate. Here so strong was the current that the divining rod was broken, and Mr. Stears recommended that boring operations should take place. The work was placed in the hands of Mr. Noble, of Thurlby, and boring operations were commenced. By Saturday night a depth of 37 feet had been reached, 6½ feet of rock having been passed through at the top, followed by a thick layer of clay. By Monday a depth of 46 feet had been reached, a second layer of rocks being pierced at about 43 feet. The water was "struck" on Tuesday and rose to the surface in great quantities. The flow from the top, notwithstanding that the drill had not been removed, was more than a six-inch pipe could take away, and the immediate locality was flooded. Immediate steps had to be taken to open the drains. There is every reason to believe that a supply has now been tapped which is more

than sufficient to supply the whole of the village, besides providing an unlimited quantity for flushing and other sanitary purposes.

Mr. Stears has sent me a copy of Mr. Noble's letter to him which is as follows :—

Thurlby, Bourne, Lincolnshire, *September 4th, 1896.*

I am pleased to tell you the bore on the Village Green at Helpston, marked out by you, has given very great satisfaction. At a depth of 50 feet, the water rushed up, the overflow being measured at 7,000 gallons per hour ; the Helpston people are delighted at the success, having been without water so long.

J. E. NOBLE.

No. 119.—The next case was described by Miss A. W. Richardson, of Moyallon House, Gilford, Co. Down. She wrote to Mrs. Sidgwick in 1885, as follows :—

On one occasion, being with my father on business at one of our homes in Ireland, Mr. Stears offered to tell him if there were water beneath a certain part of my father's property, in which he wished to build, and in which being very rocky, it was troublesome to bore.

The idea was quite novel to us then, but upon his assuring my father that water existed there, it was proved to be the case. This is the only instance where the process was at all removed from the possibility of thought-transference. At our other home (he had never been to either before) he was led over a piece of ground where several of us knew that drains at periodical distances existed, and his rod went up quite correctly as he passed over them.

In this case, of course, it could at once be referred to transference of thought. Of course in these cases it is almost impossible to devise a plan by which it may be tested without the knowledge of some spectator.

I have observed that the very *slightest* muscular motion sends up the vertex of the rod ; but, of course, the ambiguous part of the process is the coincidence of the sensation which produces this movement with the presence of water.

My sisters were interested in finding that the custom commonly obtains in a remote part of the South of France, in which they spent a winter, lately.

A. W. RICHARDSON.

Mr. Stears is now on a "water-finding" visit to the West Indies, where he has been professionally engaged.

FAILURES.

I have heard of a few failures in connection with Mr. Stears ; others doubtless exist which have never reached me. (As before, the numbering F. 8 is consecutive, following on from p. 163.)

F 8.—Here is one where the failure has led the Parish Council to a very heavy and useless expenditure :—

Bardney, Lincoln, *February 16th*, 1897.

Bardney Water Supply.

Mr. John Stears, of Westholme, Hessle, Yorkshire, diviner, was employed by our Parish Council to find water. He tried many parts of the village, and indicated several places where he was sure water would be found, particularly in one spot, where he was satisfied a very copious supply would be found. At this spot we commenced boring about three months ago, and have got to a depth of about 240 feet still in blue clay, but at present without any signs of water. No engineer has been consulted. As soon as water is found I will let you know.

J. R. HIRD,

Clerk to the District Council.

In reply to my subsequent enquiry, Mr. Hird writes :—

Bardney, Lincoln, *April 13th*, 1897.

A depth of 340 feet has now been reached, but unfortunately without any signs of water. They are still in blue clay. At a depth of 286 feet they came to rock 2 feet 9 inches in thickness, and at 300 feet the like 3 feet in thickness.

J. R. HIRD.

From the following which arrived as this paper is going to press, it will be seen the boring has been made still deeper. I enquired who was the Chairman of the Parish Council.

Bardney, Lincoln, *May 21st*, 1897.

A depth of 390 feet has now been reached, without at present any signs of water. They are now in rock, and have got about 16 feet into it. Mr. John Sharpe, of Bardney Manor, is our Chairman.

J. R. HIRD.

F. 9.—In the next case my informant, Mr. Bradley, gives me evidence of Mr. Stears' success as well as failure. Here is his letter :—

Estate Office, Eberston, York, *May 20th*, 1897.

I heard of Mr. Stears being at Heselton, Ganton, Knapton, etc. ; several parties bored where Mr. Stears said there was water, and were successful. I went over to some of the places, and saw for myself.

I recommended Mr. Stears to the managers of Trainton School, and they sent for him. He came over, and pointed out where there was water, and they sunk a well and bored about 80 feet, and got plenty of water.

I also recommended Mr. Stears and Mr. Gataker to the Parish Council at Appleton le Moors. They sent for Mr. Stears, and he went over and pointed out to them that there was water in a certain field, a very high point. They also sent for Mr. Gataker, and he sent his assistant, named Wills, and he fixed on the same place that Stears did. But some of the

Parish Council thought that Mr. Wills had overheard them say, "That would be the best place if there was water." Mr. Wills said there was water, and a good supply could be got.

The Parish Council sunk a well about 45 feet, and bored 36 feet (81 feet altogether) and then stopped because there were no signs of water. They had been told they would get water at 60 feet, or might have to go 80 feet.

The Parish Council then asked me to go over and see the place. I went and inspected the well, etc., and the whole district, and I have not the least doubt in my mind they would have to go down a great depth. At the place where the well is sunk there is at least 280 feet of limestone before they get to the clay bed.

JOSEPH BRADLEY.

Mr. Bradley adds a geological section of the district, which confirms his statement. Mr. Bradley informed Stears and Gataker of this failure, and both say the water is there, only somewhat deeper than the Parish Council has bored!

F. 10. - I have also had some correspondence with reference to another case of failure on the part of Mr. Stears, which occurred at Flamborough in Yorkshire. Here a well was sunk at the spot indicated by Mr. Stears, and sinking or boring carried down to 170 feet through the clay into the chalk, and no water reached. My correspondent, however, does not wish his name or letters published. Mr. Stears, in reply to my enquiry, gives as his explanation that "the boring was not carried deep enough, as the chalk is upheaved and the strata contorted at the place."

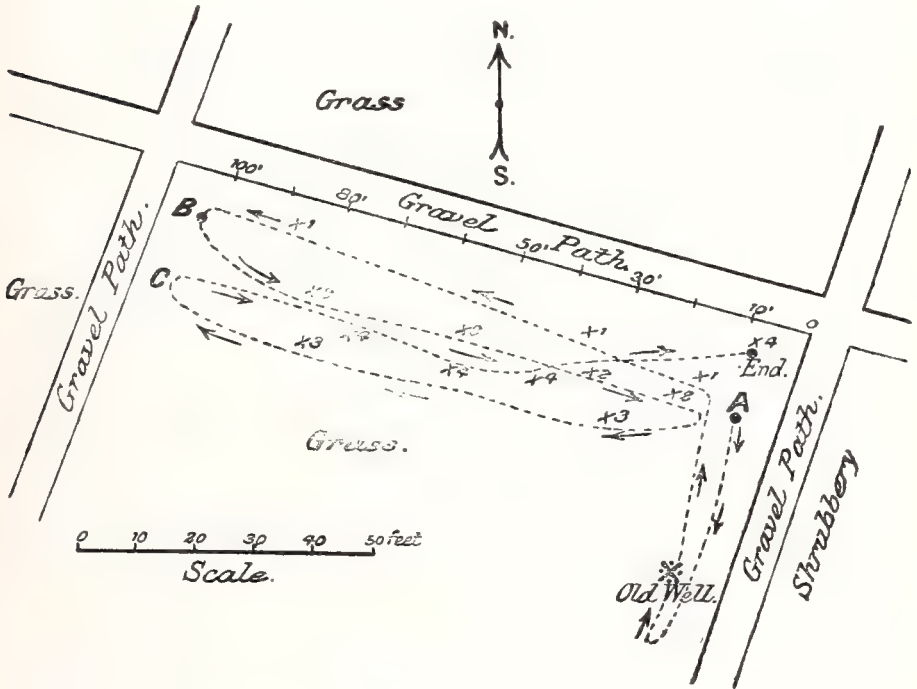
Doubtless, if a boring goes deep enough, water might be reached, but failure is the only name to be given to cases where water—predicted at a certain spot and limit of depth—is not found, after sinking to this depth, or, say, 20 per cent. deeper than was indicated by the dowser.

EXPERIMENTS IN KINGSTOWN.

Mr. Stears happening to be on a visit to Ireland, in July, 1892, I requested him to submit to some tests of his powers, to which he readily consented.

Experiment 1.—The experiments were made in the private pleasure grounds opposite my house, at Kingstown, a place entirely new to Mr. Stears, who had never been in this neighbourhood before. Cutting a forked twig, Mr. Stears started from the point marked A in the accompanying plan, and walked to and fro until he reached the point marked with an asterisk, when from the sudden and vigorous movement

of the twig he asserted that a considerable spring of water was underneath this spot. There was nothing whatever to indicate that such was the case, but on enquiry from the gardener (who was not present during the experiment) I learnt for the first time that the very spot upon which Mr. Stears had fixed was the site of an old well, now completely hidden beneath the level greensward. I now begged Mr. Stears to walk slowly over the ground, and if the rod indicated any other springs, to allow me then to blindfold him and so retrace the ground. Mr. Stears consented, and with this object he moved in the



direction of the dotted line. The rod moved at the points marked x^1 on the plan. At the point B., Mr. Stears, notwithstanding the very reasonable objection he had made in his letter to me 18 months before, (p. 164), was carefully blindfolded, and endeavoured to retrace his steps: the rod moved at the points marked x^2 . He now asked me to let him try the same course with his eyes closed and the bandage removed. This I did, and the rod moved at the points marked x^3 . Finally, at C, he consented to be again carefully blindfolded, and once more he retraced his steps, the rod moving at the points marked x^4 . It will be seen that these points do not coincide, but in two or three places they are nearly in the same straight line,—approximately N. and S. It is possible that there may be underground water in this

direction, as Mr. Stears subsequently declared there was from the movement of the rod, and tracked out the supposed course of two or three imaginary streams.

Experiment 2.—Mr. Stears having stated that the rod moved over comparatively small masses of metal, I procured nine handboxes and removing their lids, put large lumps of iron beneath some of them, and nothing under others; Mr. Stears did not see this arrangement I made on the lawn till it was completed, when, as the boxes were all inverted, it was impossible to tell under which one the iron weights were concealed, nor was I quite certain in each case myself, so that thought-transference need hardly be considered. The result was that out of the nine boxes Mr. Stears indicated five correctly; that is, he was certain from the movement or non-movement of the rod that iron was or was not beneath the box; three indications were wrong, and one was doubtful. The trial was therefore inconclusive, as the number told correctly was not beyond the probability of chance coincidence.

Experiment 3.—Another trial was made with three handboxes, a mass of iron, unknown to Mr. Stears, being placed under No. 3. On testing with the rod, Mr. Stears asserted from the movement of the rod that the iron was beneath No. 2, and nothing under No. 3. This was therefore a complete failure.

Experiment 4.—Finally I chose two exactly similar boxes and put a half cwt. beneath one and nothing beneath the other; recalling Mr. Stears, I begged him to make a succession of trials, at short intervals, on the two boxes, whilst I noted the results. I got some one to change the position of the iron each time (or not change it), and then go away without letting Mr. Stears or myself know what had been done. On adding up the number of successes and failures, I found that the result was just what chance coincidence would have given, that is to say, there was almost exactly an even number of successes and of failures.

With the exception, therefore, of the location of the old well, the first experiments with Mr. Stears were inconclusive, and the latter, metal-finding, distinctly adverse to the existence of any such alleged power. At the same time I am perfectly satisfied of the *bona fides* of Mr. Stears, and have cordially to thank him not only for so readily acceding to every test I proposed, but for having put himself to some expense and inconvenience by prolonging his stay in Ireland to enable me to carry out these trials.

GROUP VIII.—MR. LEICESTER GATAKER.

One of the younger water finders is *Mr. Leicester Gataker*, formerly of Weston-super-Mare, now residing at Crescent-gardens, Bath. He is a gentleman by birth and education; his father was a captain in the Bengal Staff Corps, and the son, after leaving Bath College, where he was educated, discovered to his surprise that a forked twig revolved in his hands in the same way as it did with a local "diviner." Mr. Gataker states that whenever he is over a



spring of water a sensation not unlike a slight shiver comes over him, chiefly in his arms, and the forked twig, or wire, he sometimes holds, continues to revolve—independently of his volition—so long as he remains over the bed of the stream or spring; running water alone affecting him.¹ Judging from his sensations, or the movement of the

¹ In conversation, Mr. Gataker told me this sensation was most marked, and usually began at the pit of the stomach: a feeling of sickness often being produced. This is what some other professional dowzers have also told me, quite independently of each other. How far this experience is due to a preconceived idea, I do not know.

rod, he asserts that by practice he has been able to estimate the depth and volume of the underground spring or stream. Repeated trials having satisfied Mr. Gataker that his success was not due to a mere "fluke," he determined to make water finding his profession, his health not permitting him to continue the sedentary life of a London office. In addition to finding water, Mr. Gataker, like many other professional "diviners," employs workmen to sink the well; like others also, he agrees to the terms of "no water, no pay," but charges 25 per cent. extra for his work if carried out under these conditions!

Unlike other dowsers, Mr. Gataker does not, ordinarily, use a forked twig or any kind of rod. An eye-witness thus describes his proceeding. The rod, it will be seen, is discarded:—"His procedure seems to be a rapid survey of the ground. He walks along with a quick step, with his hands hanging by his side, until (according to his statement) he strikes a stream of water, when he at once becomes visibly agitated. With outstretched hands he appears carefully to feel his whereabouts, until he ascertains the direction the stream is flowing and follows it up. Then he marks the spot of greatest supply and estimates the depth and quantity likely to be obtained."

The accompanying woodcut (taken from *Black and White*) shows Mr. Gataker at work (see p. 177).

Again, Mr. G. F. Tregelles, of Barnstaple, gives me the following description of Mr. Gataker's procedure:—

On October 28th, 1896, I went down to Ilfracombe to join a party of members of the Ilfracombe Local Board, who had engaged Leicester Gataker, of Weston-super-Mare and Bath, to look for additional supplies of water for their reservoir. . . .

Gataker, who is a young man, did not use the forked twig, but walked about with long strides, holding out his hand, or hands, palm down, and every now and then making a dash or lurch to one side, diverging right or left, sometimes walking straight, and sometimes in a circle, and at last, if satisfied, digging his heel into the turf at the chosen spot. He seemed to be *following a sensation*, which is what he professes to do, and he looked very like a dog following the traces of a rabbit over the grass.

On questioning him he said that when over a hidden spring, even with arms folded, he felt a tingling all through his body, and still more so when one or both hands were extended. The depth and quantity of water he estimated by the intensity of this feeling, coupled with experience.

I wrote to Mr. Gataker and asked him to furnish me with a summary of any cases where he had been called in to find an underground spring, by the exercise of his dowsing faculty, after previous

attempts to find water in the ordinary way had failed. In reply, Mr. Gataker sent me brief particulars of some two dozen cases—drawn up in a business-like and excellent manner,—and writes as follows:—

Bath, *January 12th*, 1897.

I think I am right in saying that water was sought for unsuccessfully prior to my visit, in each case. However, clients can substantiate my claim or not. If the latter, I should like to know of it.

I can give you other cases, only my own time being so much occupied, I came to the conclusion that the few I have sent will be sufficient.

LEICESTER GATAKER.

The particulars given by Mr Gataker were, in nearly all these cases, followed by a copy of a letter from the person who employed him, supporting in general terms Mr. Gataker's statement; these letters, some of which I here quote, did not, however, indicate that previous attempts to find water had in each case been made.

No. 120.—Mr. Ashworth, agent to Mr. Arkwright, of Hampton Court, writes as follows to Mr. Gataker:—

Hampton Court Estate Office, near Leominster,

October 30th, 1895.

Referring to your visit to Bodenham on August 3rd, 1894, I am writing to inform you that a well was sunk at the spot indicated by you at the back of the keeper's cottage, and water was found at a depth of 53 feet, being 13 feet lower than the extreme depth as estimated by you.

The supply of water is sufficient for the purposes for which it is required, the water rising about 3 ft. 6 in. in the well, and being of excellent quality.

HENRY A. ASHWORTH.

Respecting this, Mr. Gataker states he was employed on this occasion to find water in consequence of a deep well formerly in use having run dry; and he succeeded in locating the above supply within a few yards of the old well.

I wrote to Mr. Ashworth asking if Mr. Gataker's statements were correct, and received the following reply:—

Hill House, Bodenham, Leominster.

In reply to your letter of the 5th inst, Mr. Gataker visited Hampton Court Estate in the summer of 1894, and asserted, after searching, that water would be found at a certain depth—about 20 ft. east of the old well which has been sunk for the use of the cottage, for which a supply was required—the old well proving dry. An excellent supply of water was found on sinking at the spot he indicated, but at about 10 ft. lower than he thought it would be found.

No attempts [beyond the old well] to sink had been made previous to his visit.

H. A. ASHWORTH,
Agent, Hampton Court Estate, Near Leominster.

In reply to my enquiries Mr. Ashworth writes further :—

Hill House, Bodenham, Leominster, *April 26th, 1897.*

The following are the particulars you require :—

- (1) *Depth of new well*, sunk at the spot Mr. Gataker indicated, *53 feet.*
- (2) Character of ground sunk through : hard marl, with the exception of a thin bed of stone 6 inches thick, 6 feet from surface.
- (3) Depth of water in well : from 36 to 42 inches.
- (4) Depth of old well, which was situated 8 yards west of new well : about 72 feet.

H. A. ASHWORTH.

No. 121.—The next letter is addressed to Mr. Gataker, from Mrs. Holloway, of Stroud :—

Farm Hill, Stroud, Gloucestershire, *December 13th, 1894.*

Your search for water at Farm Hill, Stroud, was most successful, the water being found at the spot indicated by you.

The men told me there were 18 feet of water in the well, which I have had analysed twice, and it is found very good.

ANNE HOLLOWAY.

Here Mr. Gataker states that, prior to his visit, boring for water had been made to a depth of 70 feet, but no water found. I wrote to Mrs. Holloway and asked if this statement were correct ; the following is the reply :—

Farm Hill, Stroud, Gloucestershire, *March 16th, 1897.*

The statement made by Mr. Gataker is correct. The distance between the unsuccessful and the successful bore was a gradual ascent of about 300 yards. Mr. Gataker gave the limit of depth at 50 feet, but a good spring of water was actually found at 45 feet.

ANN HOLLOWAY.

No. 122.—In the next case Mr. Gataker writes to me as follows:—
“I was engaged on the estate of Mr. Geake, near Launceston, and after searching for water in Mr. Geake’s field, I was brought to an old well (dry), and which was looked upon as useless. Full particulars of the work carried out following my advice will be found in the letter I received, as follows” :—

Millways, Launceston, Cornwall, *October 4th, 1895.*

You will be pleased to hear we found the spring, after sinking one well to 65 feet, and driving a heading about 15 feet, exactly as you predicted. This we had to do to get at the spot marked by you.

The find was more remarkable because you said we ought to come to this spot very soon, and you could not see how the well should go quite dry, considering the spring was so near. The well was not straight, and was sunk the opposite way.

We have now 10 feet 6 inches of water deep, 15 feet long, and about an average of 5 feet wide, which has kept to the level through September.

JOHN GEAKE.

In reply to my enquiries, Mr. Geake writes :—

Millways, Launceston, *April 1st, 1897.*

The well was sunk many years ago to supply 20 acres of grazing land. Originally it was about 25 feet deep. It was taken in hand from time to time by different men, and put down to 55 or 56 feet. Even after that it went dry for three and four months, according to the summer weather. When we sent for Mr. Gataker, we did not open the well ; it had been quite dry, as usual, for some time. Mr. Gataker came upon it suddenly. He had been going over other ground. We had hoped he would find a shallow spring somewhere else. After asking a few questions about the well, he walked on one side of it, and simply said, "I have it." He turned and said, "There should be a certain quantity of water at the bottom of that well, if it is 55 or 56 feet deep ; there is a spring running near," pointing to one side of the well, "and it should have touched the top of it." We found out afterwards that if the well had been sunk straight down, as we supposed it to be, this should have been the case, but in order to escape some hard ground, the men, years before, had gone all on one side, quite the opposite side to where Mr. Gataker was pointing. He gave instructions to sink the well 10 feet deeper, and drive to the place he marked. When it was accomplished we had a room of water, about 15 feet long and 10 feet deep, at the bottom of the old well ; the water rose to the level of the bottom of the old well.

An old Cornish miner, who went down, said that at the spot Mr. Gataker pointed out, and depth, there was a lode, about 12 feet wide, showing "Manganese." The water is of excellent quality, and we have raised the rent accordingly. [']

JOHN GEAKE.

In answer to my enquiry whether Mr. Gataker's predictions were verified upon actual trial, and whether it was probable water might have been found elsewhere on the estate, or by sinking the existing well deeper, Mr. Geake replies :—

Millways, Launceston, *April 13th, 1897.*

We verified Mr. Gataker's predictions. The spring was found at the very place he indicated. We [probably] should not have found a similar supply by sinking deeper, or anywhere about but the place he marked. In my last to you, I quite forgot to mention that we had gone to great expense by having two holes bored at the bottom of the well, 20 and 30 feet, which made the well and holes 86 feet deep. We had given up trying a year or two before Mr. G. came to us.

JOHN GEAKE.

No. 123.—Mr. Gataker states that being engaged by Messrs. Ruscombe Poole and Son, the well known solicitors of Bridgwater, he found a spring less than 14 feet deep, and within 3 or 4 yards of a useless well, 20 feet deep, sunk prior to his visit. In corroboration, he encloses the following letter :—

Bridgwater, Somerset, *July*, 1896.

We have sunk a well in the garden, and a copious spring has been found at 13ft. 6in., which amply verifies your prediction.

J. RUSCOMBE POOLE AND SON.

I wrote to Mr. Ruscombe Poole, and asked him if Mr. Gataker's statement were correct, and he replies :—

Bridgwater, *January 15th*, 1897.

We return the paper you sent us. As regards the statement that there was a well about 20 feet deep which was useless, this is perfectly true, because the water in it was foul, and smelt badly. The supply found is a very much more copious one than the old well, which contained very little water.

J. RUSCOMBE POOLE AND SON.

No. 124.—In the next case, Mr. Gataker states he was engaged by the Messrs. Pacey, of Melton Mowbray, who, prior to his visit, had sunk a well on the advice of a water-finder, but the supply proved useless ; that he found a spring close by, and agreed to sink a well on the terms of "no water, no pay."

I wrote to Messrs. Pacey, who replied on September 17th, 1896, that they had not yet got to the depth of 50 or 60 feet, predicted by Mr. Gataker, but would write later. In December they wrote to Mr. Gataker they had found "abundance of water at the depth of 58 feet." In reply to my specific enquiries (1) Whether Mr. Gataker had been successful ? (2) Who was the unsuccessful diviner previously employed ? (3) What was the distance off and depth of the old well ? Messrs. Pacey write :—

Egerton Brewery, Melton Mowbray, *December 19th*, 1896.

Replying to yours of the 17th, we beg to say, in answer to your questions (1) Very successful. (2) No other diviner was employed by us. (3) There is a well 5 yards distant from the site the diviner indicated. The new well has 14 feet 6 inches of water, the old well only 2 feet 6 inches.

ADCOCK, PACEY, AND Co.

I had to write again to get the depth of the wells, when I was informed the unsuccessful well was about 45 feet deep, and the successful one 56 feet. After all, therefore, this case is not of evidential value.

No. 125.—The next letters are addressed to Mr. Gataker from the agent to Sir J. de Hoghton, Bart., of Hoghton Tower, near Preston, Lancashire :—

Hoghton Estate Office, Walton-le-dale, Preston,

April, 1895.

Several farms on these estates being short of water, your advice was obtained, and you pointed out places where water would be found, giving the depth.

In a field close to Hoghton Station, at one of these spots, where the depth was estimated at from 10 to 15 feet, a boring was made and water reached at 10 feet ; a well will probably be sunk there at some future time.

At Hardshaw Hillock, Walton-le-dale, you indicated a place where water might be found at from 20 to 25 feet. Here, in March, 1895, water was found in a bed of sand, after sinking through 22 feet of stiff marl, and a large supply is being yielded.

In this latter case, you used your hands only, without any rod.

WALTER DE H. BIRCH.

July 30th, 1895.

Another well has been sunk at a neighbouring farm, Leigh House, Walton-le-dale. Here you had indicated a spot where water would be found at from 30 to 35 feet deep.

After getting down 30 feet of exceptionally hard clay and marl, the well sinkers were beginning to lose heart, and the tenant suggested that a rain-water tank would answer his purpose, but continuing to sink, they struck a vein of sand at about 31 feet, with a good supply of water.

At 34 feet, clay was again reached, and boring 10 feet more at the bottom of the well showed only hard clay, so it was decided to "let well alone," as the result was so satisfactory.

WALTER DE H. BIRCH.

I wrote to Mr. Birch to inquire if any previous attempts to find water had been made, and what was the result, and whether Mr. Gataker had any failures. The following is the reply I received :—

Hoghton Estate Office, Walton-le-Dale, Preston,

April 12th, 1897.

Mr. Gataker certainly has been remarkably accurate in his estimate of the depth at which water will be found, though sometimes he has been wrong. I do not place much reliance upon his estimate of quantity.

His most notable failure was the last. Here he gave the depth at from 12 to 18 feet, but after sinking that in quite dry sand, he came again and said there must be a quicksand, which threw him out, and that it was about 60 to 70 feet deep. We bored through dry sand, and found a quicksand at a depth

of 72 feet, so that he redeemed his character in this. This is a list of his predictions, and the results :—¹

	<i>Estimated.</i>	<i>Actual.</i>	
<i>a.</i>	20 ft.	22 ft.	good supply.
<i>b.</i>	20 ft.	8 and 37	two springs one above the other.
<i>c.</i>	25 ft.	10 ft.	very small spring.
<i>d.</i>	30 ft. to 35 ft.	34 ft.	
<i>e.</i>	10 ft. to 15 ft.	10 ft.	
<i>f.</i>	15 ft.	about 15 ft.	
<i>g.</i>	20 ft. to 30 ft.	about 11 ft.	a fair stream.
<i>h.</i>	30 ft.		Here water was found on boring and rose in the bore to 22 feet from the surface. Exact depth of spring not ascertained.
<i>i.</i>	12 ft. to 18 ft.		No water, but on boring deeper, a quicksand struck at the depth of 72 feet, as already mentioned.

In “*g*” there was more water lower down, and you will notice that in the least accurate estimates there were two springs at different depths.

WALTER DE H. BIRCH.

No. 126.—Lord Llangattock writes as follows to Mr. Gataker :—

The Hendre, Monmouth, *June*, 1896.

Mr. Gataker, at my request, has been searching for water in several places on this estate, and has been most successful.

Water has been found wherever he has indicated, and at the depth mentioned by him.

I cannot speak too highly of him and the wonderful skill he shows as a water finder.

LLANGATTOCK.

With reference to this case, Mr. Gataker informs me that, prior to his visit, attempts had been made to find water by digging deep trenches in many directions, but without success. I wrote to Lord Llangattock for corroboration, and he replies as follows :—

The Hendre, Monmouth, *April 12th*, 1897.

I sent your letter to Mr. Lipscomb and asked him to give you all information. I have great faith in Mr. Gataker. I wanted to find springs in the Park to strengthen a pond, and he marked several places, and told me exactly the depth we should find the water, and he was always correct.

LLANGATTOCK.

Mr. Lipscomb writes :—

The Hendre, Monmouth, *April 12th*, 1897.

Mr. Gataker was asked to find water to strengthen the supply of water to the lake in the park. He located five springs, near the lake, within a 100 yards of the margin of the lake at separate points, and varying from 11 to 20

¹ Mr. Birch explains that the lettering indicates different places on the estate where the trials were made.—W. F. B.

feet in depth. There was no sign of water on the surface at these points. In every case his predictions as to depth and yield were correct. This is as far as we have *proved* him. No *sinking* had been done previous to his visit, the lake being fed by natural surface streams. In *Pearson's Magazine*, p. 311, you will find some account of Gataker's work here. He is there depicted hunting for springs in the bed of the lake. He had let the water out of the lake to repair a hole in the bank. I shall be glad to answer any questions you may wish to ask.

C. LIPSCOMB.

No. 127.—The Rev. A. T. Fryer, of Cardiff, who has frequently given most valuable assistance in the course of this research, sends me the following letter addressed to him by Captain Stansfeld, in answer to Mr. Fryer's enquiries :—

Dunninald, Montrose, N.B., *September 18th, 1896.*

On the 24th of July Mr. Gataker visited this estate, and as he was rather pressed for time on that occasion, he is to give me another call. We, however, walked over two fields, in each of which points were marked where Mr. Gataker said springs of water at various depths would be found. I have up to the present only experimented on *one*, and this at about 9 feet deep, which is well within the estimated depth made by Mr. Gataker, and the apparent water supply is nearly as stated by Mr. Gataker, viz., about two gallons a minute. Mr. Gataker, when pointing out this supply, told me that in a previous digging I had just missed the proper spring by about 4 or 5 yards, and in this he seems to be correct. The excavation was almost entirely through rock.

I shall be happy to report further if you desire it, but work is necessarily slow, as there is so much rock to go through.

JOHN STANSFELD.

Subsequently I wrote to Captain Stansfeld, who stated he was expecting another visit from Mr. Gataker, and that the spring the water-finder had previously found continued to give a plentiful supply. Later on, I received the following :—

Dunninald, Montrose, *October 24th, 1896.*

Mr. Gataker did not use the rod in discovering water, but in order to show the working, he took a forked hazel rod, and this rod twisted round in his hands. A gentleman then tried the rod, but in his hands it did not move, till Mr. Gataker put his own hands on the wrists of the gentleman, when the rod immediately turned round.

JOHN STANSFELD.

No. 128.—The *Bath Chronicle* of January 7th, 1897, has the following :—

Mr. Leicester Gataker was recently engaged by the Belfast Brewery to put them in the way of obtaining a good supply of water. They had previously sunk four wells, and had also some time before had the services of another diviner. Acting upon Mr. Gataker's advice, they have sunk two

wells. In the case of the second one, he advised the company that at a depth of from 120 to 150 feet they would obtain what they required. After going 80 feet they tapped a spring. This did not come up to their requirements, so they asked Mr. Gataker to come again, doubtless in view of their previous failures. He accordingly went, and informed the company that they must go on to the depth originally given—150 feet. They went on, and at the depth named they secured a second spring of large power. While in Ireland last month he again visited the place, and after descending the well, he predicted that by going nine feet deeper they would obtain an even stronger (third) spring. They no longer had any doubt as to what course to pursue, and by doing as last advised, they have increased the supply by 2,000 gallons a day.

A subsequent issue of the same newspaper states that :—

Well No. 2 has now been carried out, and Mr. T. R. Caffrey, the proprietor, gives the yield at 7,000 gallons per 24 hours. He has also stated that “it would have been a saving of many hundreds of pounds had I known Mr. Gataker when I first started looking for water.” Both wells are 197 feet deep.

I wrote to the proprietor of the brewery as to the accuracy of the foregoing newspaper reports, and asked for further particulars. Mr. Caffrey replies :—

The Brewery, Belfast, *February 26th, 1897.*

The enclosed cuttings are quite correct, save and except the No. 2 well is now giving over 9,000 gallons in the 24 hours.

I had a water-finder before I met with Mr. Gataker, who marked out four places. I got water in one of the four, none in the other three. Mr. Gataker marked the two wells I have opened and found the water all right.

THOMAS R. CAFFREY.

I could not ascertain from Mr. Caffrey the name of the previous unsuccessful dowser.

The next letter is from Dr. A. A. Mantell, of Bath :—

The Elms, Bathampton, Bath, *July, 1894.*

On June 4th, 1894, I took Mr. Leicester Gataker to a neighbour's tennis lawn in Bathampton, which was made by him, and during the excavations a spring of water was found, which now runs diagonally across the lawn.

Mr. Gataker had not entered the premises before, nor had he the slightest knowledge that there was any water there ; I therefore proposed to the owner of the lawn to put him to a severe test as to his powers of divining. I carefully blindfolded him, and in order to prevent his injuring himself fastened a rope to his arm, and held it loosely in my hand ; he was then asked to walk about and see if there was any water to be found. Immediately, when he walked over the spring, which lies about three or four feet deep, the rod revolved, and whilst still blindfolded he traced its passage most accurately across the lawn. At a recent meeting of the Bath Field Club to witness some experiments by a “Water Dowser,” we asked him to walk on

a row of bottles, which were placed over a spring, and which was known to be there. When he was quite insulated by these bottles, the rod ceased to revolve, and several members of the Club were under the impression that the bottles acting as non-conductors prevented the current of electric fluid, or whatever it may be, from passing into the dowser's body. I therefore put Mr. Gataker to a similar test, but with him the rod revolved as well with as without the intervention of the bottles; this seems to indicate Mr. Gataker's great susceptibility to the influence.

My neighbour and those present on this occasion feel convinced that Mr. Gataker has the power of water-finding in a remarkable degree, and we hope that he may be successful in making it his profession.

A. A. MANTELL, M.D.

The foregoing letter illustrates how necessary it is to guard against giving unconscious indications and suggestions, which may account for the dowser's success on this occasion. The failure of the insulation test corroborates what has already been said about the fallacy of this experiment.

No 129.—The next letter to Mr. Gataker is the result of work done on the Duke of Devonshire's Estate.

Chatsworth, Chesterfield, *June 22nd*, 1895.

You stated that you believed we should find water at a depth of between 60 and 70 feet. We found a supply at 69 feet, and there is every probability that it will be sufficient for the requirements of the farm.

You are no doubt aware that we had previously sunk a well to a considerable depth without success.

I was much surprised to find that you first indicated the locality of water with your hands and no rod, only using the rod as a secondary aid to confirm your indication.

GILSON MARTIN.

In reply to my enquiries Mr. Martin writes :—

Chatsworth, Chesterfield, *January 14th*, 1897.

Mr. Gataker's statements enclosed are quite correct. The well which was sunk before he came was, so far as I remember, about 45 feet deep; the well which proved successful was about 300 yards from the useless one, and upon much higher ground.

GILSON MARTIN.

Mr. Martin adds that he has increased the cheque due to Mr. Gataker, as he was so gratified with the success attained.

FAILURES.

I have received reports, but no details, of several failures on the part of Mr. Gataker. I spoke to Mr. Gataker about these when he called upon me in Dublin, and he frankly said there was no doubt he

was occasionally wrong, but he did not think his failures averaged more than 10 per cent. of his total engagements. He told me he kept a careful record of all his work, and he had, as I had requested, gone over all his cases to find the number of failures of which he had heard, with the result stated. This statement I have, of course, no means of verifying.

The Rev. A. T. Fryer sends me some particulars of the failure of Gataker and H. W. Mullins to find water for a Brewery near Bath, but I cannot ascertain which of the two dowzers was really at fault, as it appears the well was sunk, not on the spot where both dowzers— independently of each other—agreed there was a spring, but at a spot where one said there was a spring and the other said there was not. In the Richmond Experiments which follow, Gataker and H. W. Mullins were also employed, with the result described below.

It will have been noticed on a preceding page (p. 173), that Mr. Gataker sends an assistant when he cannot go himself. These assistants Mr. Gataker professes “to train” for a fee. If there is a peculiar instinct, or faculty, for finding underground water, such as the dowzers themselves claim to possess, this so-called “training” is a piece of the charlatanism which crops out in so many of these “water-experts.” Here, for example, is an extract from the *Richmond Times*, of January 11th, 1896, where an account is given of Mr. Gataker’s dowsing for water at Richmond, as fully detailed in the “Richmond Experiments,” which follow. The account, the editor informed me, was written by an experienced reporter, who states that

“Mr. Gataker was closely questioned as to whether the stream of running water in the channel of the adit might not affect his judgment. To this he replied most positively in the negative, saying that it might affect the twig, but that by ‘a new dodge’ which he had discovered about ten months ago, in working with his hands, he could absolutely eliminate that disturbing influence. He could also discriminate between natural and artificial currents, and could even tell if there were two springs, one immediately beneath the other, and could divine the depth and quantity of each.”

This is the sort of thing that can only provoke well-deserved contempt.

THE RICHMOND EXPERIMENTS.

Among the more extensive and costly series of experiments made to test the value of the “divining rod” as a means of finding underground water, must be included those carried out at Richmond, Surrey, in the spring of 1896. Though the results were only of

transient success, the experiments derive additional interest from the following facts :—

(1) Prior to the “diviners’” visit, a series of borings for water had ineffectually been made ; (2) the independent opinions of two different “diviners” were obtained ; (3) a full record of the experiments, as they took place, was published from time to time in the local newspapers ; and (4) the opinion of the highest geological authorities on underground water was also obtained and borings made according to their directions. It will be necessary, therefore, to consider this case at some length, the more so as public attention was widely called to these experiments by the reports in the London papers which will be quoted presently.

It appears that the water supply of Richmond is derived from wells, but was found inadequate to the growing needs of the township. Attempts to increase the supply were made, whereupon a correspondence arose in the local newspaper suggesting that the aid of the “divining rod” should be called in. The whole question was discussed by the Water Supply Committee of the Borough, who, however, could not officially take so novel a course ; but the chairman of the committee, Mr. T. H. Watney, acting upon the suggestion of the editor of the *Richmond Times*, undertook in his private capacity to defray the cost of putting the “divining rod” to the test. Arrangements were therefore made for two “dowsers” to come to Richmond. The dowsers selected were unfortunately two young and comparatively unproved men.

In the *Richmond Times* of January 11th, 1896, a lengthy and admirable report is given of the search for water by the two young “diviners,” who were first Mr. H. W. Mullins and afterwards Mr. Gataker. From this report I condense the following :—

The water hitherto obtained from the chalk at Richmond is taken from a depth of over two hundred feet, and as there appeared to be no record of the divining rod being influenced at so great a distance, it was determined to take the diviners or dowsers down the Borough well and along the adits, of which there are some miles. It was decided that the two “dowsers” should make *independent* examinations on different days, and that the first report should be kept secret till after the other had been obtained. Accordingly on December 11th, 1895, “Messrs. Mullins” came as requested. Before going down the well Mullins showed the use of the rod on the surface of the ground. At one spot it was found to twist violently, Mr. Mullins stating that water was to be found not far from the surface at that spot. Mr. Peirce, of the Borough water works, confirmed this, stating a water pipe passed under the ground there only a few feet down. Mr. Mullins had no previous knowledge of this fact. The party then went down the well and spent some hours exploring the adits, Mullins walking in front carrying the forked twig. The indications of the rod, he said, were against a good supply. One place,

however, was better and the quantity promised went as high as 1,000 or 1,500 gallons a day, the other places much less. In all some thirty places were indicated by the "diviner," but Mr. Mullins repeatedly said, "I cannot hold out any hopes of large quantities of water." The depth to be sunk he estimated at from thirty to seventy feet. Mr. Peirce marked the places indicated.

Three weeks later Mr. Gataker made his examination. Here a noticeable difference was observed in Gataker's method of working, as compared with Mullins'. He discarded the twig or any other artificial aid whatever, and simply walked about with his arms held stiffly down by his sides, the palms spread outward. There were consequently no outward manifestations to indicate the supposed presence or absence of water beneath the ground, and it was necessary to take his word entirely for the matter. A twig, however, was carried by his pupil who accompanied him, and by its lively dippings and twistings sustained the divinations of the master. As before, the party, after descending the well, tramped for some hours through adit after adit, until Gataker had explored every portion of the workings. The results were rather startlingly different to those obtained *per* Mullins. Gataker marked many more points than the other, and he predicted for each a vastly larger flow. The range of depth at which water would be obtained was, in his opinion, from 50 to 200 feet below the floor of the adit. In one or two cases his points tallied almost exactly with those of Mr. Mullins, and in several other cases they were within a few feet, but this could not be said of the great majority. Altogether he marked 55 places where a good supply could be obtained at an average depth of 80 feet; the points marked were distributed pretty equally all over the present headings. The total daily supply he predicted would be 277,000 gallons. It should be added that one of the members of the Richmond Town Council, who accompanied the party, found the "twig" moved in his hands, also at some of the points which were indicated by Gataker as likely to yield the best supply.

In the *Thames Valley Times* of January 15th, 1896, a week after Mr. Gataker's visit, is a report of a meeting of the Richmond Town Council, when the chairman of the water committee announced that borings had been made at a spot indicated by both the diviners, working independently of one another, one stating water would be found at a depth of 50 feet, the other 30 to 50 feet, the former naming 800 gallons a day as the yield, the latter 7,000. Water to the extent of 8,000 gallons a day was actually found here at a depth of 21½ feet. Public attention was directed to the matter by the following notice in the *London Times* of January 17th, 1896:—

A supply of water, estimated at about 8,000 gallons a day, has just been tapped at Richmond in somewhat remarkable circumstances. For some time past extensive borings have been made in the adits of the Richmond-terrace-gardens well, but with comparatively little success. Last week two "water diviners," named Gataker and Mullins, visited the well, and both predicted that water would be found at certain indicated spots, the former alleging that by making 50 borings, at a cost of about £800, an enormous supply might

be obtained, worth to the town about £5,000 a year, on the Southwark and Vauxhall valuation. On Monday last it was decided to begin boring at a point where both the "diviners" predicted a find, from 30 feet to 50 feet below. At a depth of about 20 feet a spring was tapped which is yielding 8,000 gallons a day. The experiments have been carried out at the expense of Councillor Watney, and he has undertaken to bear the cost of further borings at other points indicated by the water-finders.

The *Standard* of the same date also had the following :—

A remarkable discovery of water by the aid of professional water-finders has just occurred at Richmond, Surrey. The Corporation have had wells sunk to a considerable depth to procure water sufficient to meet the requirements of the borough, and a supply, which for the past five or six weeks averaged 233,000 gallons per day, was discovered. Further borings for a greater yield have, however, been attended with little success. Last week two water diviners, named Gataker and Mullins, visited the Terrace-gardens Well, and indicated a number of places in the adits at which they alleged water would be found. The former stated that by making about 50 borings at indicated spots a supply of water would be found worth about £5,000 a year to the town, on the valuation of the Southwark and Vauxhall Company. This suggestion was acted upon, and when the boring reached about 20 feet, a spring of water was tapped yielding about 8,000 gallons per day.

The local newspaper, in commenting on these facts, states that the finding of the water may be merely a coincidence, though a large number of borings had been previously made with practically no result. It also points out that the "dowsers" worked under conditions entirely new to them, not on the surface of the ground, but in tunnels far underground, with water probably all round them.

The editor and proprietor of the *Richmond Times*, Mr. F. W. Dimpleby, J.P., in reply to my enquiries (1) as to the accuracy of the reports in his newspaper, and (2) as to evidence of any previous boring for water being made prior to the use of the "divining rod," writes :—

Richmond, Surrey, *February 5th, 1896.*

(1) You may entirely rely upon the reports referred to. Being interested in the matter (as a former member of the Water Supply Committee of the Corporation), I went down the well with Mullins myself, so that the part of the report referring to his visit is my own work. The part relating to Gataker was written by my chief reporter, an experienced and reliable man.

(2) By this post I send you another paper of mine, the *Thames Valley Times* of January 15th, which answers your question as to previous unsuccessful attempts to find water, and shows that a supply has now been obtained at the spot indicated by Gataker and Mullins. I should add, however, that since that date the yield of 8,000 gallons a day has greatly

diminished. This usually happens when a fissure is tapped, and the water "backed up" in it has had time to run away.

(3) Gataker paid us another visit on January 23rd, as reported in the *Richmond and Twickenham Times* of January 25th, also sent by this post. We have now had three visits in all, at a cost (including expenses) of from ten to fifteen guineas each, and as the work has been done very thoroughly by two independent men, both well-known as expert "water-finders," it does not appear to me to be necessary to go further until the reports of Mullins and Gataker have been fully tested.

FREDK. W. DIMBLEBY.

The newspaper of January 15th, referred to in the above letter, contained the following extract from the official report of the Borough Engineer to the Town Council as to previous borings to find water:—

During the past five weeks the workmen have been engaged boring in the adits in various directions 624 feet, viz., 179½ feet horizontally, six holes from 7 to 70 feet, 248 vertically (downwards), seven holes 13 to 80 feet in depth (since increased to 88 feet), 196½ feet inclined upwards, thirteen holes 8 to 20 feet, yielding a very little water.

The local paper of January 25th states that the supply of 8,000 gallons from the boring made at the place indicated by both Gataker and Mullins had diminished, as was usual in newly tapped chalk springs, to 5,000 or 6,000 gallons. Concerning Gataker's second visit on January 23rd, the *Richmond Times* of that week gives a detailed account which I here condense:—

At more than one point Gataker's "divinings" were in close proximity to the places previously marked by Mullins and the depths given approximately equal. At two points where bore holes had been sunk and only a moderate supply obtained, Gataker advised deepening the holes to the limit named in his former predictions, viz., about 80 feet. In the south adit Gataker estimated the depth of water as greater, reaching from 100 to 150 feet, and in one place as probably 200 feet. At the next point reached, five men were then engaged in sinking a bore hole at the place Gataker had previously marked, a depth of 63 feet had been reached and no spring as yet tapped. Gataker advised going down to at least 80 feet, which was also the limit he had given on his previous visit. Two other places where borings were going on Gataker also advised that the bore holes should be carried deeper.

Commenting on this visit the same paper remarks:—

The result of the inspection may be described as fairly satisfactory. There are certain points of difficulty in connection with the experiments, which cause a critical test to be arrived at less easily than would otherwise be the case, and tend to lessen the practical value of the method. Chief amongst these may be mentioned the apparent impossibility of fixing the exact spot, to a foot or two, where water may be found, and as the diameter of the bore-hole is only about four inches, a slight error in giving the precise

point might render that particular bore-hole useless. But notwithstanding these difficulties, a sufficient *prima facie* case has been made out to justify Mr. Watney proceeding with these experiments, which he is carrying out at his own expense.

My friend, Mr. W. Whitaker, F.R.S., F.G.S., who is well known both as an eminent geologist and authority on underground waters, writes in answer to enquiries as to his opinion of the foregoing reports¹ :—

Southampton, *January 28th*, 1896.

I know the Richmond waterworks, having been all along the underground galleries, etc., on two occasions. . . . As the two “rodders” were more or less surrounded with water, their rods ought to have been twiddling everywhere! I enclose the Engineer’s answer to a letter of mine which lowers the reported success.

The enclosure is as follows :—

Borough Waterworks Office, Richmond, Surrey,

January 22nd, 1896.

With regard to the divining rod reported in the London press, too much has been put forward. The truth is our new chairman has engaged both Mr. Mullins and Mr. Gataker at his own expense, to prove whether there is any power of proving water springs, as had been suggested in our local paper by one who had seen the rod used. We have not yet had much from the experiment; that reported was at a spot where both the diviners said there was water and so we bored a three-inch hole; it has now very sensibly diminished. We have benefited most by the adit driving and must go in for more, that being the only sure method of getting water here.

W. G. PEIRCE.

The next information comes from the local newspapers of February 8th, 1896, as follows :—

We are compelled to mention to-day, and we do it with no small regret, that the prospect of obtaining any greatly increased supply of water from the Richmond well through the assistance of the “water diviners” has darkened this week considerably. The bore-hole in the south adit, at which during each of his visits Mr. Gataker has so confidently promised that a supply of five to six thousand gallons a day would be found within the extreme limit of a depth of 100ft., has been abandoned after being driven to a depth of 125ft. without producing a drop. This is the second of Mr. Gataker’s points that have been tested, the first being that at which an additional supply of 8,000 gallons a day was tapped, but quickly ran itself off. However, in the absence of any other guide as to desirable localities, some more of the points indicated by Mr. Gataker and Mr. Mullins, where borings have already begun, will be thoroughly tested.

¹ I am indebted to the Rev. Osmond Fisher, M.A., for this information.

Probably the bore-hole referred to above was the one at which the five men were working in the previous report which Gataker advised to be sunk to at least 80 feet; otherwise there seems a discrepancy in the statements, as in the south adit the reporter stated previously that Gataker advised boring to some 150 feet or even deeper in one place.

A month later, at a meeting of the Richmond Town Council, reported in the *Thames Valley Times*, of March 11th, 1896, the borough engineer reported as follows:—

During the past four weeks the workmen have been engaged boring in the adits at various places indicated by Messrs. Mullins and Mr. Gataker, 409½ft. in all, viz., thirteen bore-holes completed and in hand, varying from 10½ft. to 125ft. in depth, yielding 220 gallons of water per day. Messrs. Mullins estimated 1,500 gallons per day, and Mr. L. Gataker 30,000 gallons per day, at the places selected and depths bored during the past month.

Six feet of adit driving in the North-East Adit has been completed, and a bore-hole put down to the depth advised by Mr. L. Gataker, but without result as regards an increase of water.

The total quantity of water pumped from the Terrace Gardens and Waterlane wells during the past four weeks has been 6,464,670 gallons, averaging 230,881 gallons per day.

Councillor Watney said he was afraid he had very little to report in regard to the work at the well. He regretted that there was a decreased supply this month of water pumped from the well. They had been most unsuccessful during the past month in tapping any new fissures or supplies of water. He was not going himself to be a prophet, or to predict what would happen in the future. He desired to remind the Council that, although not mentioned in his report, the period of his three months' holiday at the well would expire before the next Council meeting. He thought if they would allow him, he would go on with his experiments until the next Council meeting, when he would ask leave to continue for another three months.—It was resolved that Councillor Watney's application should be acceded to.

In *Notes and Queries* of April 25th, 1896, there is a letter from the Borough Engineer, who writes as follows to a correspondent of that journal:—

The diviners' success was of short duration; the one bore-hole that yielded 8,000 gallons a day on the first day, gradually fell off and was exhausted at the end of the week. About 22 bore-holes have been driven to the directions with a very small increase in the quantity of the water.

W. G. PEIRCE.

Writing to me on October 2nd, 1896, Mr. Dimpleby says, in answer to my enquiry:—

Mr. Watney is still carrying on the boring operations at his own expense, pending an application to the Local Government Board by the Corporation, for power to borrow more money for these works. Small fissures, yielding

very small quantities of water are frequently met with, but no large increase in the supply has been obtained.

FREDK. W. DIMBLEBY.

Finally, the same kind correspondent, in reply to my recent enquiries, writes on May 24th, 1897 :—

14, King Street, Richmond, Surrey, *May 24th, 1897.*

The Richmond Corporation have now resumed the boring works on their own account; the Local Government Board having, after a public inquiry, sanctioned a further loan of £5,000 for this purpose.

No reliance is now placed on the advice of the so-called “water-finders.”

I send you the last report of the Water Committee, dated May 4th, 1897, and also the one for the previous year.

FREDK. W. DIMBLEBY.

In the last report of the Water Committee it is stated that the total length of adits driven is 6,991 feet; “one fairly good fissure, passed on April 8th, still keeps up the yield of 5,846 gallons per day . . . The total quantity pumped from the wells during the past four weeks averaging 225,848 gallons per day.” Though this is a less amount than that given above for the preceding year, yet, as the report shows, a regular increase in the water supply has been obtained in proportion to the length of adits driven. The cost of the wells and adit driving at Richmond has been considerable. The Water Committee’s report shows that the Water-lane wells and bore-hole cost £20,753; the Terrace Gardens well, adits and boring, cost £16,590, or a total of £37,343.¹ Of this, Mr. Watney has refunded £670, the expense only incurred up to March 31st, 1896, in his public-spirited experiments.

With regard to these experiments, it is greatly to be regretted that John Mullins was not available. But Mullins was not living when his “firm” were invited, and nothing could be more misleading than the practice adopted by “Messrs. J. Mullins and Sons,” of sending out a book of testimonials, which chiefly relate to their father’s success, and not stating the fact that their father is dead. The public ignorance of the whole subject, which ignorance this paper will, I hope, in some measure dispel, is, however, the most fruitful source of errors like the preceding. The respective qualifications of various dowzers should be ascertained from independent evidence, or their work paid for in proportion to the success achieved.

¹Nevertheless as the report shows, the actual cost to the rate-payers is less than if they had bought the water from the London water companies.

GROUP IX.—(a) MR. H. BACON.

I heard of this dowser, who lives at Newport, Essex, through Mr. Mr. F. W. H. Myers. In reply to my enquiries, he sent me several testimonials from those for whom he had successfully found water by the divining-rod. In some of these cases Mr. Bacon tells me that attempts to find water by sinking or boring had been made unsuccessfully before his visit to the place. Stagnant water he cannot detect, only running water, and he says it is a matter of indifference to him whether he goes over the ground at day or night; or whether blindfolded or not. Having seen a dowser at work some five years ago, he tried, and found the forked twig moved with him; hence, he was led to take up this business. According to his own statement,—which must be taken for what it is worth,—he has never had a failure, though he admits he is sometimes mistaken in estimating the depth and the volume of the spring. When over an underground spring he states that the rod revolves strongly, and “I begin to shake from head to foot; in fact, I shake so much that often my knees begin to knock together.”

Among Mr. Bacon's testimonials are letters from Lord Calthorpe's agent, from Sir Walter Gilbey, Bart., from Hudson's Breweries, &c. Mr. Hudson writes that he was “previously very sceptical, but the proof of the pudding is the eating,” a good supply of water being obtained on his premises at 19 feet deep; whereas in the immediate neighbourhood (according to Bacon's statement to me) a deeper well had been sunk prior to his visit with no result.

No. 130.—I am indebted to Mr. J. Christian Smith, the Clerk of the Works on Colonel Houblon's estate in Essex, for the following interesting facts:—

Great Hallingbury, Bishop's Stortford, Essex, *December 1st, 1896.*

I have pleasure in giving you some particulars of water-finding by the divining rod on the estate of Col. G. B. A. Houblon, Essex.

We were making extensive alterations in the year 1893 at Threenhall Priory, Essex, which necessitated a new water supply. We looked about for what we thought was a suitable place to have a well sunk; we proceeded to a considerable depth without any signs of a supply. We then resorted to the divining rod, and sent for a *Mr. Stone* out of Northamptonshire.¹ By the aid of his rod he informed us where we should find a good supply of water; the depth he could not give, but did not think it was very deep. He also traced the direction the spring took. We sank at the point indicated, at the depth of 38 feet. The spring proved to be so strong that it rose and filled the

[¹ Now of Spilsby, Lincolnshire. See Group V.]

well nearly full. It was only about twenty yards from the well we had previously sunk and failed ; the nearer Mr. Stone went with his rod to this, the weaker the latter became.

The latest experience we have had was with *Bacon*. I took him to several places where we were anxious to obtain a supply of water. I am pleased to say that those places we have tried have been most successful. The first well we sank was 20 feet deep ; at this depth we obtained an excellent supply, indeed, it has been up to the top. The second well we obtained a bountiful supply at 53 feet deep ; standing supply, 17 feet. This well was sunk within 200 yards of the old well, where there was an inefficient supply after being bored (depth of sinking, 30 feet).

Bacon informed me that he invariably finds that the springs run from east to west, or *vice versa* ; he, therefore, carries in his pocket a small compass, so that he may be enabled to cross the spring ; walking as the spring runs, he says, punishes him more than he can bear.

If I can be of any further service, I shall esteem it a great pleasure.

JOHN CHRISTIAN SMITH.

In answer to my further specific enquiries, Mr. J. C. Smith writes :—

Great Hallingbury, Bishop's Stortford, *December 7th, 1896.*

Bacon is, I understand, a clever mechanic, and at the present time acting as foreman to a local builder, unknown to me, until this year, when his services were required. Living near, and hearing of his successes, we were induced to try him.

(No. 1.) The exact locality of this estate is about 28 miles north-east of London, 20 miles south of Cambridge, 5 miles west of Great Dunmow, 1 mile east of Bishop's Stortford.

(No. 2.) *Bacon's* trials were on the same estate, about four miles distant from Threenhall Priory, where *Stone* was. I do not think water is likely to be found *anywhere*.

(No. 3.) The well [at Threenhall Priory] was sunk to the depth of twenty-eight feet only, with no signs of water, nothing but boulder clay coming out. *Stone* went over this, "said we should never find any water there ;" the nearer he came to it from the present spring, the weaker did the crutch [effect] become.

(No. 4.) I cannot say how deep the old 30 ft. well had been bored. When we were anxious to get a better supply here we examined this, and found that a false bottom of wood had been put in and the bore hole plugged up ; we concluded that the boring had taken away the little water there was, and had to be plugged up again. *Bacon* went all round this, but could find no trace of water.

JOHN CHRISTIAN SMITH.

Again my correspondent kindly replies :—

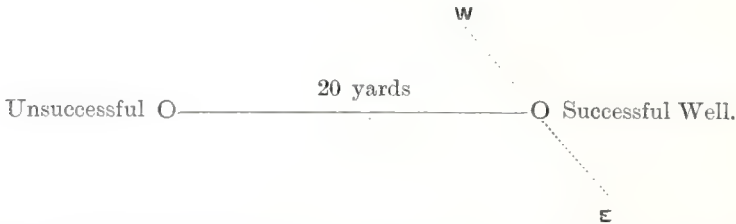
Great Hallingbury, *December 12th, 1896.*

I have no hesitation in saying that my experience proves that the indication of the rod has enabled us to find water when other means had failed.

I am trying to get at the depth of the boring of that well ; if I succeed I will inform you. [In a subsequent note I am informed it was 50 feet deep.] I mentioned in my previous letter to you that I took Bacon all round this old well, in hopes that we might find water near to the dwelling house, but there was not the slightest indication of his rod moving.

The 28 feet well *does* refer to the one we sank at Threnehall Priory without success. The 38 feet well, sunk where Stone indicated, where an abundant supply was obtained, was about 20 yards distant. At the 28 feet well Stone went over and around. He said, "You may go as deep as you like, you will get no water there." We therefore abandoned it.

The nearer he came to the unsuccessful one, the weaker the indication became, losing it entirely before he got to that well.



I can only add my experience of this method of finding water has been highly successful on this estate. In the future there is not the least doubt we shall resort to the same methods ; not having a single failure gives us every confidence.

JOHN CHRISTIAN SMITH.

No. 131.—Through the kindness of Mr. Salisbury Baxendale, who has sent me several letters on the subject, I have received the following information regarding Bacon's success on his estate at Henham in Essex. Bacon informed me he had found a considerable underground spring at 18 feet deep, not far from a useless well which was deeper than this. Mr. Baxendale's reply to my enquiry is as follows :—

1, Sloane Gardens, S.W., *December 2nd*, 1896.

In answer to yours of 30th, Bacon was a very satisfactory "water diviner."

I went down to see him "divine," and he "found water" at about the depth he mentions, on the top of a hill, which looks down east and west on the source of the Cam, the "Bench Mark" at the top being 321.5. There was a *waterless* well very near.¹

After this we went to look for water near some cottages, and he marked a spot where he said water would be found, but in my absence my tenant thought that he could make *one* well do for *two* sets of cottages—sunk a well some 70 yards to the north of the place marked by Bacon, and found much

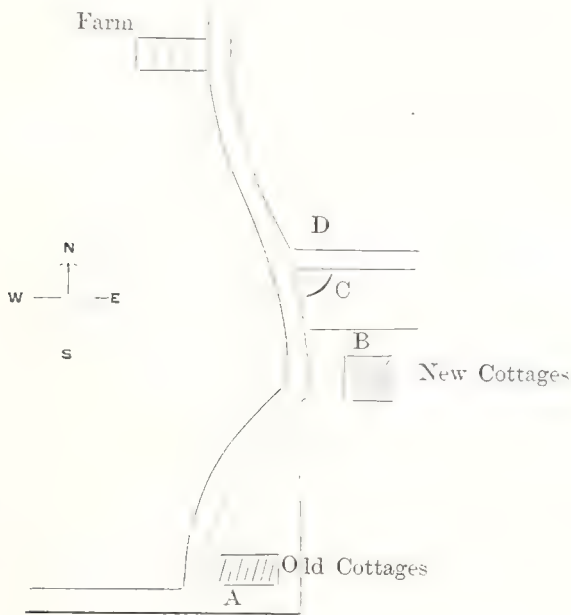
¹ Subsequently Mr. Baxendale tells me this was not a well, but a very deep pond, 18 feet deep. By "found water" is meant on a well being sunk water was found at about the depth indicated by the "diviner."—W.F.B.

chalk and no water. As he was an honest fool I declined to sink another well, and told him to use the chalk for "top dressing."

Since then Bacon has been divining in Hampshire for Lord Calthorpe—and successfully. He was very modest as to his powers, there was no "conjuring" about his manner;—nor could any of my party do the same—though we tried it.

SALISBURY BAXENDALE.

In reply to my enquiries, Mr. Salisbury Baxendale sent me the following plan and memoranda concerning the second place that Bacon fixed on for a well, and adds, "my father sank many wells without finding a reasonable water-supply."



- D. Situation of well—70 feet deep—that held chalk, and not water.
- C. Small pond at corner of road that always, or nearly always, held water,—not more than 3 or 4 feet deep.
- B. Well—50 yards from C—sunk by my father and his agent, guided only by the light of nature, and not by the light of Bacon. My tenant tells me that it is 100 feet deep (I think not so deep, but cannot go and measure it), that it holds 2 feet of water in winter, and is dry in summer.
- A. The place that was suggested to me by Bacon, and where the well should have been sunk.

SALISBURY BAXENDALE.

In answer to enquiries whether a well or boring could be made at the spot A, marked by Bacon, and also as to the exact locality, Mr. S. Baxendale writes:—

1, Sloane Gardens, S.W., December 17th, 1896.

In answer to yours of yesterday, I do not feel inclined to spend any more

money in search of water at present—although I have a benevolent wish to give any kindly person permission to do it at his own expense. Times are hard with landowners.

Henham is 6 miles N.N.E. of Stortford, and about $6\frac{1}{2}$ miles S. of Saffron Walden. Brayshots is one-third mile from Little Henham Hall—where the unsuccessful well was sunk by my father at (B).

SALISBURY BAXENDALE.

F. 11.—In the *Herts and Essex Observer* [for December 19th, 1896, is an account of the employment of Bacon by the Malden District Council to find a water supply for that neighbourhood. The rod indicated a strong spring at a certain spot where it was decided to sink a well. I wrote to Mr. Blyth, of Tolleshunt D'Arcy, who had taken an interest in the matter, who replies as follows:—

Oxley Lodge, T'Darcy, Witham, Essex, *May 17th*, 1897.

We have not yet bored, but have driven a tube to a depth of 27 feet with no result. It is a difficult matter to move a Parish Council to bore where they have always been told there can be no water. They fear a failure and also a surcharge by the auditor. But if they will not move, I shall try on my own account, and will then let you know the result.

FRED. W. BLYTH.

So far, therefore, this may be taken as a *failure* by Bacon: other like cases of his doubtless exist of which I have not heard.

(b) MR. H. CHESTERMAN.

Among the many West of England dowsers is Mr. H. Chesterman, of Bath, who states—in the course of a lengthy account he has sent me—that 30 years ago he found he had the “gift” of dowsing, and has been, to some extent, engaged as a “water expert” ever since, though it is not the business of his life, his occupation being keeper of some recreation grounds in Bath. Mr. Chesterman, like the late Mr. Lawrence, prefers to use a loop of wire instead of a forked twig when dowsing, and states that when approaching an underground spring he experiences “a peculiar sensation, like an electric shock, creeping up the hands and arms, becoming more violent when directly over the hidden spring; the wider the space over which the shock is felt the nearer the spring is to the surface, and the smaller the space the deeper the spring.” Mr. Chesterman also adds that he has made a scale by which he can approximately tell the depth of the spring; this he has described at length to me; an account of it is also given in the *Gentleman's Journal* for October 1st, 1896, but it is of no value to any

one but himself, and not much to himself, judging from Mr. Cree's experience given below.

Like other dowzers, Mr. Chesterman states that the rod ceases to move, and the sensation he experiences is completely cut off, when he is insulated on glass vessels. Again, like others, Chesterman finds that when he holds the wrist of a person, in whose hands the rod would not previously move, then the rod or wire instantly revolves if over a spring. This transference of what is apparently involuntary muscular action is doubtless an effect of suggestion, which plays so large a part in the present as in the past history of the divining rod. Like other dowzers, also, Chesterman believes the faculty of dowzing is hereditary ; out of his seven children he tells me five have the "gift." He claims to have "trained" Mr. Gataker in the proper use of the gift he possessed, just as Mr. Gataker offers to train other apprentices—for a substantial fee. The utter nonsense of this so-called training is obvious enough.

I am indebted to Mr. Cree, of Over Moigne, near Dorchester, for giving me particulars of an abundant supply of water found for him by Chesterman ; but though geological information had been obtained, and a well dug unsuccessfully prior to the dowser's visit, yet the case is of no evidential value, as the unsuccessful well was only a third of the depth of Chesterman's well. Moreover, Chesterman's prediction of the depth of the spring was completely wrong, the prediction being 20 feet, the actual depth double this. At the same time I believe Chesterman has been much more successful in other instances.

I have to thank Mr. Chesterman for kindly coming to London from Bath at his own expense to exhibit his method of dowzing before the members of the S. P. R., when this paper was read.

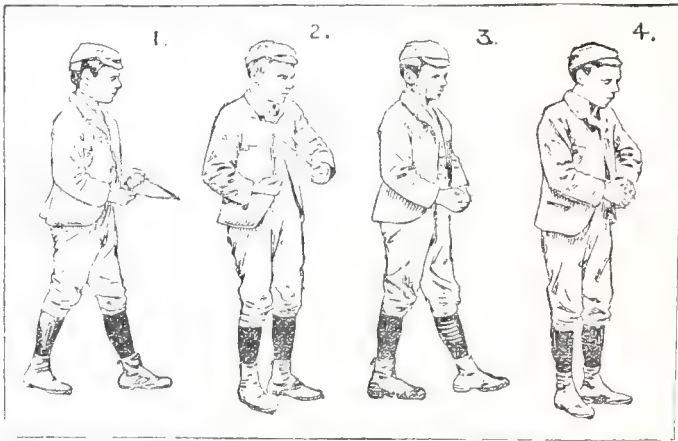
(c) MR. F. RODWELL.

Another dowser is the lad who bears the appropriate name of Fred Rodwell, and who came into some notoriety a few years ago through the animadversion of Professor Ray Lankester.

Rodwell is the son of a mining engineer and surveyor, living in Wensley, Yorkshire, and in this case the use of the rod has chiefly been for the purpose of finding mineral veins. I shall, therefore, reserve the evidence of Rodwell's success in this direction to the next part of my paper. I have before me an extensive correspondence,—partly addressed to me and partly to Mr. Vaughan Jenkins,—from the father and other friends of young Rodwell, relating the tests to which the lad was subjected in his search for minerals, till at last he was regularly employed by the Grinton Mining Company to prospect

for mineral lodes on their property. The *Graphic* of November 2nd, 1889, gave an account of the lad and a wood cut illustrating his method of procedure. From this account the following extract is taken.

“Not long ago there was a long and animated correspondence in the *Standard* on the use of the ‘divining rod’ for finding water and minerals. A good many of the writers held that it was a mere superstition, handed down from the dark ages, and that the belief in it was due to a few accidental successes on the part of the water-finders. On the other side, however, a multitude of evidence was adduced showing that there are certain persons who do possess this peculiar faculty. One such is the lad named Rodwell. He is in the employment of the Grinton Mining Company in the North of England, and according to the chairman of the company has never failed when tested. Wherever he has indicated the presence of water or minerals, at that very spot a spring or lode has been discovered. He proceeds thus. Taking in his hands a light rod, or, if he has no rod, with his hands clasped in front of him, Rodwell walks about in likely places. As soon as he steps over water or a mineral-vein the rod springs up to his breast, or the



hands clench themselves immovably, and he cannot unclasp them till he moves from the spot. The lad in whom this strange faculty has developed, is about 14 years of age. We are not told whether his peculiar employment has any effect upon his health.”

For the above wood cut, which illustrates young Rodwell at work as a dowser, I am indebted to the kindness of the proprietors of the *Graphic*.

No. 132.—The following letter relates to Rodwell in his capacity as a dowser for water.

The Grange, Aysgarth, Yorks., *May 13th*, 1893.

It may be interesting to you to know that there is a youth (Fred Rodwell by name), who has on three separate occasions found the *exact* locality of underground water on my property. The first occasion was the location of

water pipes underground, of the existence of which he could not possibly have had any previous knowledge. The other two instances were the discovery of two powerful springs of water, one of which has since been taken for a village for the supply of 500 people, and in neither of these two cases was there suspected or was there the least external appearance to indicate the presence of underground spring. These facts speak for themselves.

JAMES C. WINN.

I sent Mr. Winn the printed proof of the foregoing letter and asked him to correct any inaccuracies. Mr. Winn replies:—

The Grange, Aysgarth, R.S.O., N. Yorks, *June 10th, 1897.*

The proof of my letter is absolutely correct in every particular. I believe Rodwell is now residing at West Witton, near Leyburn, but I have no particulars of him recently.

J. C. WINN.

The evidence in my possession respecting Rodwell's water-finding power is very meagre and inconclusive; he may have had more success of late, but of this I have not heard.

The following account of experiments I made with Rodwell at Wimbledon were conducted and recorded in the year 1890. Had I then the information I now possess, I should hardly have selected this young dowser for the purpose of experiment.

THE WIMBLEDON EXPERIMENTS.

I was anxious to obtain some direct experimental evidence of my own as to Rodwell's ability to find hidden water or metal. Accordingly I wrote to Dr. McClure, who is the Chairman of the Grinton Mining Company in Yorkshire, and from whom I learnt that the lad was not only employed by this Mining Company to seek for mineral lodes, but according to Dr. McClure he was also under an engagement to go to Australia to "dowse" for water and minerals. Hence I arranged to examine the alleged powers of the lad before he left England; for this purpose instead of going to Yorkshire, on ground with which Rodwell was acquainted, my friend, Mr. R. S. Donkin, M.P., kindly allowed me to make use of his extensive private grounds on the edge of Wimbledon Common, where it is needless to say the lad had never been before. The experiments I am about to describe were made on July 17th, 1890.

Before Rodwell arrived from Yorkshire I went over the place carefully with the head gardener, and the various buried water pipes, drains, disused wells, and underground springs were pointed out to me. On the arrival of Rodwell, who was a fat heavy-looking youth, and who was accompanied by Dr. McClure, I begged the lad to try first of all

the lawn beneath which (unknown of course to the lad or Dr. McClure) a troublesome spring was known to exist.

Experiment 1.—Pulling from his pocket a bundle of small forked hazel twigs, he selected one and holding it in the usual way marched to and fro across the lawn; presently the twig turned up and he declared there was a small spring below his feet. This was within a foot of the right place and looked promising.

Experiment 2.—He then endeavoured to trace the course of the stream, which ran through drain pipes in a direction that had previously been pointed out to me, but here he blundered a good deal.

Experiment 3.—Next I told him to see if he could find any of the water mains, and for this purpose to walk all round the grounds on the pathway. He did so. I observed that as he walked along his eyes were constantly on the alert, and when he came to a part of the gravel walk that had lately been disturbed he said a pipe occurred there, but that there was none under the path he had traversed. As a matter of fact the pipe ran under his feet to the stables all the way he had gone, and a branch had recently been taken off to a greenhouse at the only spot he stopped at. The test was therefore a complete failure; he was correct only where it was probable that plumbers had been at work.

Experiment 4.—He then tried the archery ground and orchard; in the latter an Abyssinian well had been sunk for water, but had been removed, as a supply had not been obtained; here the result was doubtful, as I was unable to test his assertion.

Experiment 5.—He then went to the paddock, an extensive field where an old and long disused well existed. The grass had so completely covered the site of the well that its position was hidden. Rodwell wandered over the field, but found no water. He was told to walk in the direction where I knew the well existed; he did so and crossed and recrossed the site of the old well, but found no indications of water, though it is highly probable there was an abundance below; a little further on, however, the twig bent strongly upward and he declared that there was a large supply of water under that spot. The place was marked, and was subsequently tested by digging.

Experiment 6.—I now took the lad into the kitchen gardens where a sunken tank full of water existed; the tank was so well concealed beneath the ground that its position could not be detected by the eye. He walked twice over the place where the tank was buried, but gave no indication. I then told him what we were looking for and suggested he should try again; after moving slowly about, presently at a certain spot the twig turned and he said the tank was under that spot, but it certainly was not. This trial also was therefore a complete failure; it is fair to say dowsers state they cannot detect stagnant water.

Experiment 7.—I now proposed to blindfold the lad and take him again to the lawn and paddock to see if he indicated the same spots as when unblindfolded. But both Dr. McClure and Rodwell strenuously opposed blindfolding. At last they gave way, but only upon my insistence.¹ For the purpose of blindfolding a quantity of cotton wool was placed over his eyes and on each side of the nose, and an ample cloth tied round his head. I then led him to the paddock and brought him near to the spot where he had found water before (Experiment 5); he traversed and re-traversed the spot where he had previously located water, without giving any indication, and walked some distance in the wrong direction, when he pulled the bandage off saying he was too hot. I readjusted the bandage and told him to try again; this time the twig moved violently very near the spot he had before indicated. His hands appeared locked in a convulsive effort; he declared that he was perfectly sure that water was below, and he thought near the surface. With the permission of my host I caused a well to be dug next day; two men were employed, but after several hours' work, and a depth of about eight feet had been reached, no water was found; an unusual fact, as in that gravelly soil water springs abounded very near the surface.²

Experiment 8.—Finally I took the lad back to the lawn and told him, when blindfolded, to find the spring he had previously discovered (Experiment 1). He crossed the lawn two or three times, going over the right spot without giving any indication, and then fixed on another spot where it is true there might be a spring, but its existence was not known, nor could it be ascertained without injury to the lawn.

This ended my experiments with Rodwell; as will be seen the result was unsatisfactory, or to say the least inconclusive, and if I were to generalise from this one day's experiments, I should agree with Professor Ray Lankester, who, the year previously, had—after a similar but rather hasty trial with the same lad—come to the conclusion that the boy was a rank impostor, and “the divining rod business of

¹ Rodwell's father, in a lengthy letter which he addressed to Mr. Vaughan Jenkins, and the latter sent on to me, explains the reluctance of the lad to be blindfolded as due to the harsh treatment he received at the hands of Prof. Ray Lankester, who, according to Mr. Rodwell's statement, almost frightened the boy to death! Hence Mr. Rodwell says, “I charged my son never to submit to anything of the kind again, and told Dr. McClure I would not allow it.” It was for that reason, thinking I was about to treat him as a rogue and impostor, that they objected to the blindfolding.

² Subsequently I had the hole dug deeper and about two feet of water came into the hole, but the gardener, an experienced man, told me that in the light sand and gravel soil that exists there, water would probably be found in any spot that was dug 10 or 12 ft. deep. It would, of course, have been better to sink deeper, but it seemed hardly worth going to the further expense involved by so doing.

the same order as fortune telling." To generalise from a single instance is, however, unphilosophical at all times and is absolutely forbidden in dealing with those problems which come within the scope of this Society.

GROUP X.

Welsh Dowzers.—(a) MR. THOMAS HEIGHWAY.

Mr. J. F. Young, of Llanelly, kindly sent me the name and address of Mr. Heighway, who is a Welshman, the proprietor of the Park Pump Room, Llandrindod Wells. His father, John Heighway, was, I believe, most successful as a dowser, but he does not write English.

Mr. Thomas Heighway tells me when he is dowsing and gets over an underground spring his nervous system is so much affected that he does not recover from it for some hours; he therefore does not care to use the rod much; his father does not suffer in the same way. I have not much information of Mr. Heighway's experiences, but the following letters are interesting, and present a new aspect of the subject, viz., dowsing for mineral springs.

No. 133.—Mr. Heighway having referred me to Captain Penry Lloyd, for whom he had recently found a sulphur spring, I wrote to Mr. Lloyd, and the following is his reply:—

Glasbury, R.S.O., Radnorshire, *February 27th, 1897.*

I have only one fact of evidential value regarding the use of the rod, and that is in the case of Mr. Thomas Heighway, of Llandrindod, Radnorshire, who, in November last, discovered a sulphur spring on my land at Llanwrtyd, Breconshire, at a depth of 75 feet from the surface, 68 of which was solid, tough clay. Directly we struck rock, we struck water, and, curiously, on the very side of the well which Mr. Heighway had predicted, the water bearing lode crossing the diameter (6 feet) of the well on the south half. From a profound sceptic, I am now a firm believer in the power of the rod.

P. LLOYD.

Captain Lloyd kindly sends the following additional particulars in reply to my enquiries:—

Glasbury, R.S.O., *March 15th, 1897.*

(1) I had been seeking for sulphur mineral water previous to the dowser's visit, and failed to find the spring.

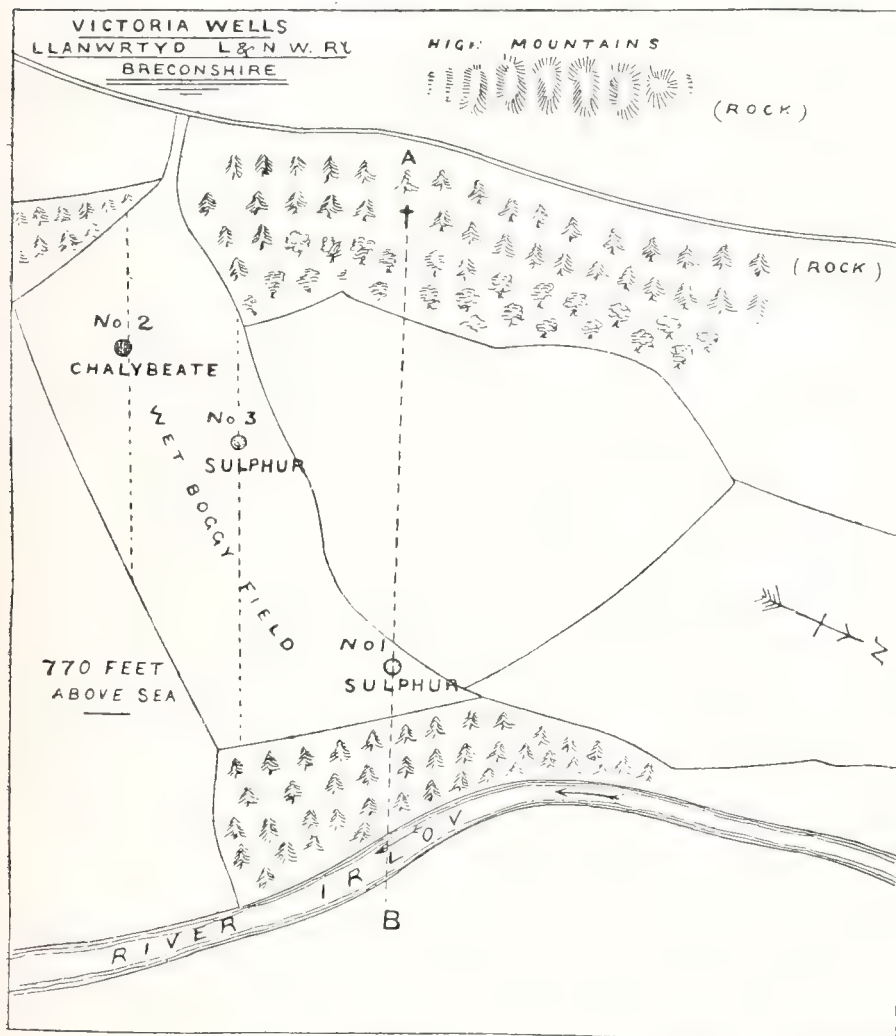
(2) Mr. Heighway was engaged, and I went with him over the ground. He, with the twig, soon found *three* several springs, and I selected the most suitable for sinking, and found the water at 75 feet; the vein of rock carrying the water crossed the bottom of well from west to east, and if we

had sunk 3 feet more to the north, should have missed it. When about 35 feet down he came again, and went down the well, and told me to mind and sink well to the south side, as the water was there. And he was quite right. He was confident from first to last, when I had given up all hopes. I am now sinking, on his advice, for a chalybeate spring, and we are now down about 25 feet, but have not yet come to the rock. He also traced the springs across the river, which runs near the well.

There is no doubt whatever as to his power, and he can distinguish between *fresh water* and *mineral water*.

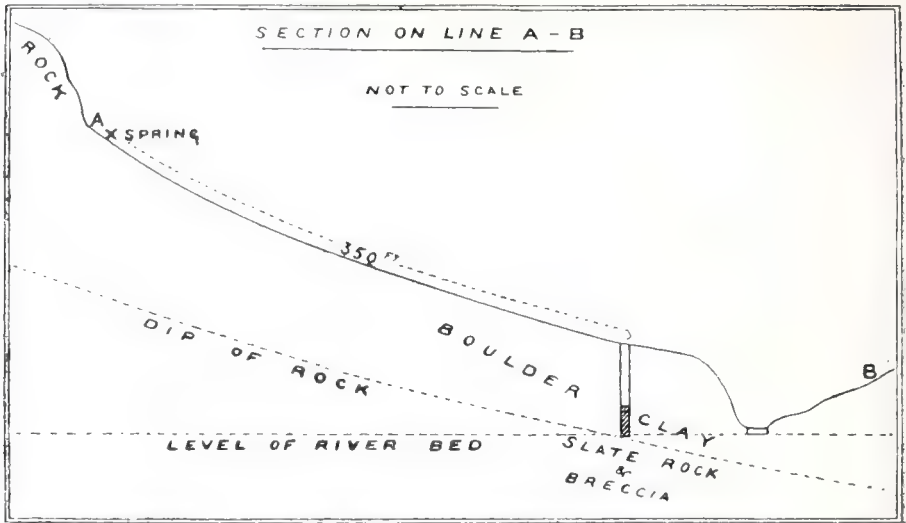
I enclose rough sketch and section (see next page).

P. LLOYD.



NOTE.

- † is where Mr. Heighway found sulphur spring, and followed it to No. 1 well.
 No. 1. Sulphur, 75 feet deep.
 No. 2. Chalybeate, 35 feet deep, running over.
 No. 3. Sulphur. Now sinking



Subsequently, Captain Lloyd writes :—

Glasbury, R.S.O., *March 23rd*, 1897.

You will be interested to know that Mr. Heighway has again been successful ; we have struck water at 32 feet from the surface, in a rock full of minerals, mainly iron, I believe. Mr. Heighway's prophecy was, "Chalybeate water, very strong spring," and he has proved himself to be correct.

I quite believe he has the power of distinguishing between mineral and plain water ; at all events, he has succeeded in many instances, and I have not heard that he has been wrong once. He tells me he acquired the power by practising over known mineral springs, and finds that he is affected in different ways. Mineral water, he says, has much more power over him, and "draws stronger," and is more difficult to determine as to depth. He also says that plain water intervening would not affect him, owing to the greater strength of mineral. It is indeed a wonderful attribute of the human body, and he certainly is an exceptionally good subject.

PENRY LLOYD.

Writing again on May 14th, Mr. Lloyd says :—

Glasbury, *May 14th*, 1897.

We have just completed sinking No. 3 well, on the spot indicated by Mr. Thomas Heighway, and found sulphur water 52 feet below surface, and 6 feet down in the solid rock.

P. LLOYD.

One interesting feature in the above letters will be noticed, namely, that the prediction of the dowser in two of the cases was communicated to and received by me before the actual discovery of the mineral springs.

(b) MR. R. ROTHWELL.

Rothwell is a gardener living at Cardiff, (65, Upper George-street, Cathays, Cardiff), and is, I believe, over 60 years of age. Our friend and fellow-worker, the Rev. A. T. Fryer, of Cardiff, to whom I am mainly indebted for the evidence concerning this dowser, knows Rothwell, and was favourably impressed by his evident straightforwardness. The Vicar of the parish also writes in answer to enquiry, "I know Rothwell well; he is an excellent gardener, and quite trustworthy as far as I know."

Rothwell states that he experiences "a slight tingling sensation when the rod bends, just the same as he has felt with an electric battery." He determines the depth at which the water will be found by walking away from the supposed stream at right angles to its course; the rod invariably bends with lessening force as he moves away. Directly the rod is stationary, Rothwell stops, and then measures the distance, from the spot at which the rod ceases to act, to the stream. This, he asserts, gives him the distance down.

No. 134.—Mr. Lyddon, Rothwell's employer, sent Mr. Fryer the following account of Rothwell's first essay at dowsing:—

Bute Docks, Cardiff, *July 5th, 1893.*

A well had been sunk by the builder when my house was being erected, but on my occupying the house the supply of water was found to be insufficient; not knowing where to sink a well, I was advised by a member of a large firm in Bristol to let one of his engineers, who had the power of discovering water by the aid of a divining rod, see if he could find water by the aid of the rod. This person, a complete stranger to the neighbourhood, came, and accompanied by W. Rothwell, my gardener, went over my field. He told me I should find water in two places, at the extreme north end, and at a spot in the south end, and nowhere else. There was nothing to show that water was underneath. The Bristol man advised me to *bore* in the north corner of my field. I did this, and found water, but not a good supply.

Rothwell, when accompanying the Bristol man, thought the whole thing ridiculous, and had no faith in it, but after the departure of the man Rothwell tried the rod, and to his surprise found that in his hands it moved as it did with the other person. With the aid of the rod he discovered another spring, and considered I should find water, about 40 to 45 feet down. I found some, I think at about 55 feet, and I believe a better supply was obtained at 62 feet.

Rothwell has been in Cardiff many years, has worked for me three years, and is, I believe, a perfectly truthful man.

The 4½ inch bore to the spring did not give us sufficient water, so on Rothwell's advice I sank a well, and have now a good supply.

E. T. LYDDON.

No. 135.—The next letter is from Mr. James, of the Malting House, Cardiff, and Chepstow.

Cardiff, *June 30th*, 1893.

Some years since, I called in the services of a man named Lawrence, a "diviner," in order to find, if possible, indications of water on property adjoining our Maltings, at Cardiff, with the result that he pointed out a spot at which water would be found at a depth of 20 to 25 feet.

Two years since I made the acquaintance of Rothwell, a gardener, in Cardiff, who had very recently found out he possessed this "gift." As I was anxious to test his powers and see if he could find the same spring which was indicated by Lawrence, he came up, and after carefully walking over the field, in a few minutes found the precise spot, but fixed the depth at 28 to 30 feet. Since then, we have followed up the course of this spring, which runs into property belonging to the Bute Docks Gas Works, the manager of which informed us that when erecting a new gasometer two years ago, when about 26 feet below the surface, they were unexpectedly flooded out by some spring breaking up, which necessitated a steam pump to keep the water down whilst certain work proceeded.

We have to-day finished sinking a well at the place indicated by the two diviners (Lawrence and Rothwell) and found a good spring—even in this severe drought—in the upper strata of marl, at a depth of 18 to 24 feet. The main spring is 18 feet below surface.

You will note the Bute Dock Gas Works found water at about 26 feet. This may be explained by the stratum dipping very considerably as it nears the sea-board.

Being successful at Cardiff, I took Rothwell up to Chepstow, at which place we also have maltings, with result that he has pointed out a spot at which we may expect to find water at about 28 feet.

We commence operations next week, and shall be pleased to inform you of result later on.

A. A. JAMES.

I wrote to Mr. James to enquire whether Rothwell had any means of ascertaining beforehand the site of the spring fixed on by Lawrence.

Mr. James replied that the only information Rothwell had was that Lawrence had somewhere indicated a certain spot where he said a good spring of water would be found; Rothwell was then left entirely to himself to locate the place, which he found within a few minutes, after walking to and fro over the ground. Mr. James adds that Rothwell, so far as he knew, had never been in Chepstow before. Subsequently, in answer to enquiries whether water had been found at Chepstow at the place indicated by Rothwell, Mr. James writes:—

The Cardiff Malting Company, Limited, East Moors, Cardiff,

September 10th, 1896.

As regards the result of Rothwell's "divining" for water at Chepstow, in 1893, we found, by sinking a 30 foot shaft of 4 foot diameter, water coming through the limestone at about 26 feet below the surface.

The rock is hollowed out by the action of the water, which no doubt at one time was a very strong spring—but owing to the drought of the last two years the supply has become limited, but the water is there.

I may mention a fact which I learned a few days after his visit, the existence of a disused well near the river Wye, within the old fortified town wall, on a direct line from our present well to the river, the course of which he indicated exactly.

A. A. JAMES.

The following letter was sent to the Rev. A. T. Fryer in answer to his enquiries:—

Severn Side Brewery, Wick, Bridgend, *May 22nd*, 1897.

I am in receipt of yours of the 20th inst., and in reply have to say that Mr. Rothwell visited my place for the purpose of finding water, and hit upon a spot where he told me I should find a large supply at about 36 feet deep. I then engaged a sinker, and when he got to the 36 feet a very weak spring was discovered. Wet weather then set in and prevented any further working, and nothing has since been done. I feel quite certain that there is water at no great distance, and should we have a dry summer I intend going a few feet lower.

I may state that I put a test to Mr. Rothwell, and that was to ask him to trace the spring from a distance before reaching the spot by the Brewery; this he did, and followed it for about a quarter of a mile across the road, under the buildings, and across the fields to an old disused parish well. Mr. Rothwell, to the best of my belief, had never been in the neighbourhood before. Not being altogether a believer in the art, I took care that everything was fairly carried on, and I am now a firm believer in it.

W. J. M. HERBERT.

In the following letter the Rev. A. T. Fryer kindly gives me an account of some experiments he made with Rothwell. Though the results obtained are of no evidential value in connection with a "dowsing faculty," yet several points of considerable interest are referred to. The use of a wet pad on the rod to test whether the motion of the rod be due to water or metal, is identical with the device employed in America and elsewhere, see Appendix C. It is undoubtedly an entire fallacy, the effect being in all probability merely due to suggestion. It is possible Rothwell heard of it through Lawrence, but it is curious how these traditions spread. Much the same remark applies to the experiment with the glass bottles and insulation.

13, Dumfries Place, Cardiff, *September 14th*, 1893.

We went this morning to a small estate at St. Briavel's, Gloucestershire, named Woodside, and occupied by a Mr. Cuthbert, retired sea-captain and merchant, of Cardiff. He has been without water for some time, and at last determined upon sinking a well near where a spring had hitherto given a good supply. Having gone down 30 feet and meeting with no reward, he felt in a fix. [This well was marked D on an accompanying plan.] He then made up his mind to give Rothwell a trial. R. had never been to the place

before he went with me to-day. We started the search in the field behind the house, Rothwell having cut a hazel forked-twig from the wood, and water was found in a very few minutes. To test the find, R. placed on the top of the twig a piece of paper which he had wetted with water. The rod remained quite unaffected, and did so also at other points. I have not heard of this test in any other case, but R. is satisfied with it. I may mention here that at another spot where R. said he felt the influence of iron, the water test was also resorted to, and the paper made no difference, it remained on the stick, and the stick bent down as for iron, all the same.

The water was traced up the field, into the wood above. Here we applied the bottle test. I had two champagne bottles stuck into the earth, and when R. stood on their broad, uppermost bottoms, the rod ceased to act. Then we followed the indications of water across a wall, and into the next field. At [a point marked A on the plan] the source was found; no trace of water above it, or anywhere else, in the same field. Then R. descended the well, D, and held the rod over the water at the bottom of the well (a little accumulation of surface drainage), and reported, "No spring there." Then I blindfolded him and made him walk towards A; the rod was quiet until we came to A, when it dipped. It was settled that the well should be sunk at C [a certain spot on the course indicated by R.], and Mr. Cuthbert has promised me that I shall have the news of the result as soon as possible.

Writing to me six weeks later, Mr. Fryer says, "I sent Rothwell over to Woodside the other day to see if they had begun sinking, and he has reported to me that they are sinking 6 feet away from the spot which he indicated! Mr. Cuthbert is rather a self-willed man." On November 4th, 1893, Mr. Cuthbert writes to Mr. Fryer, in a letter which is before me, stating that he "has sunk 58 feet through very hard rock, and according to my [Mr. C's] measurement of depth have only to go two feet more, for the water is certainly under where we are sinking. This is nearly the same place as Rothwell fixed upon. . . . Had I not been able to use the rod, I would never have reached water by Rothwell's advice." From which it would appear that Mr. Cuthbert believed that he was a better dowser than Rothwell, and so preferred to trust his own opinion. Upon subsequent enquiry I learnt that Mr. Cuthbert had died, but had not found any water in the well, which he had sunk to a considerable depth.

These particulars are given, as it is not improbable the case may be quoted in the neighbourhood as one where great expense was uselessly incurred on the strength of the advice given by Rothwell. At the same time Rothwell's success as a dowser is not so marked as many others. I have before me a letter from a Mr. Stacey, who lives near Cardiff, dated July 5th, 1893, stating he sunk a well 12 feet deep at a spot where Rothwell said a good spring existed, and "only a little water was found, which went off in a few days; it cost me £12, and as there is now no water, I do not believe in the man at all." Rather a sweeping conclusion for one trial only 12 feet deep.

Rothwell frankly informed Mr. Fryer that he had been asked to find water at Vaynor Rectory, near Cardiff, but there he had partly failed. This spontaneous admission on Rothwell's part is some evidence of his undoubted honesty. Mr. Fryer wrote to the rector of Vaynor, and the following is his reply :—

Vaynor Rectory, *May 22nd*, 1897.

Mr. W. Rothwell found water in our village two years ago, and was paid by the local authority for his work, and his train expenses paid by myself and another gentleman.

There was no failure, but we had him here twice. The men after sinking down about 20 feet at the spot pointed out by Mr. Rothwell, came to a hole or a fault, and there was no sign of water at the depth suggested. Fearing that this hole or fault had something to do with it, we asked Mr. Rothwell to come up again. He came and held his twig over the shaft, and said that water was there, but had been thrown downwards by some convulsion or fault. We asked him to point out another spot on the same [invisible] stream, and he did ; we found beautiful soft water at a depth of 22 feet, and it still runs a splendid [supply]. Mr. Rothwell had not been to Vaynor before. He found another stream and followed it for a mile until he got to the well.

Since that time I have practised the art myself, and can find water anywhere where there is water. I found water on my own land here, in the midst of lime-rock. I have not yet finished the well, but the men have gone down 25 feet, and have found already nearly 3 feet of water.

I read in an old book that there was a stream of water running under the old Castle of Brecon. I was there last Tuesday, and with my twig found the stream.

I am writing a pamphlet on water-finding, which will include my questions to Lord Kelvin.

J. G. JENKINS.

F. 12.—Mr. Fryer also sends me the accompanying letter, addressed to him, which gives an account of a distinct failure on Rothwell's part :—

Steam Flour Mills and Ship Biscuit Works, Cardiff,

May 24th, 1897.

In answer to your letter of the 20th inst, Mr. Rothwell's water finding was not at all satisfactory. We did not come to water at the depth he predicted, but had to go a good deal lower, and then, as far as we can judge, only came to surface water. We think we should have come to the same surface water wherever we had sunk the well, which is about 36 feet deep. We could find no trace of a lead pipe in another place where Mr. Rothwell said we should find one. Altogether, we regard his experiments with us as a complete failure ; but we have heard that he has been very successful elsewhere.

SPILLERS AND BAKERS, LTD.

Mr. Fryer, in a recent letter, tells me Rothwell has signed a contract to go to Australia to dowse for water there.

(c) MR. R. W. ROBERTSON.

In the early part of this paper (p. 18) I referred to two enthusiastic amateur water finders, Messrs. Robertson and Young, of Llanelly, South Wales, several of whose children have inherited their fathers' faculty. Mr. Robertson's son has now become a professional dowser, and has sent me a copy of the testimonials he has received in this capacity. One of these is as follows :—

No. 136.—The following letter from Mr. G. S. Richmond, hydraulic engineer, is addressed to Mr. R. W. Robertson :—

Llanelly, *November 23rd*, 1895.

My sinkers struck the spring on Wednesday last, at Goodig, at 28 ft. 6 in. from the surface, and considering that this spot is less than 100 feet from an old quarry, the rock in which shows no signs of water, and also that the surface of the ground where the well is sunk is about 50 feet higher than the farmyard only 107 feet away, I think it extraordinary that you should have found a spring at all, and more so that you should have estimated the depth at which it would be found, so near, being only 3 feet beyond your estimate. The position of the well is quite unique, and I do not think a pump will be necessary.

G. S. RICHMOND.

Mr. Buckley Roderick, a solicitor of Llanelly, for whom the well was sunk, also writes to the same effect, and states that before the spring was found, all the water for the farm had to be carried a great distance. I wrote to Mr. Richmond, and he replies :—

Llanelly, *September 22nd*, 1896.

Goodig is a farm near Pembrey, South Wales. The place chosen by Mr. Robertson was a very remarkable and unique spot for a well, which is sunk on the side of a steep hill; the bottom of the well being higher than the farmyard. Water rose some 18 feet in the well, and a plentiful supply was obtained, which I have laid on to the farm by a siphon. No indications of water existed anywhere about, nor for 300 yards distance before this spring was found.

I have sunk a good many wells in Monmouthshire and South Wales at spots marked by the divining rod, and in every case with success.

G. S. RICHMOND.

Mr. R. S. Seymour, the agent to the Earl of Ashburnham, also testifies to the fact that great difficulty has been found in providing a sufficient water supply to Pembrey House, the property of Lord Ashburnham, and in 1895, the springs that supplied the house having run dry, Mr. R. W. Robertson was called in, and by the rod fixed on a certain spot; here a well was sunk, and at a depth of 13 feet from the surface a copious spring was struck, yielding, by measure, 8,000 gallons a day.

Other letters are before me also testifying to Mr. R. W. Robertson's success, whilst on the other hand I have heard of his being less successful, particulars of which it is hardly necessary to give, as there is not yet a sufficient body of evidence on behalf of young Mr. Robertson's powers to enable a fair estimate to be formed of the percentage of his successes.

No. 137.—Mr. G. Blake, the agent to the Stradey Castle estate, writes to me as follows respecting Mr. Robertson, the father of Mr. R. W. Robertson:—

New Road, Llanelly, Carmarthenshire, *February 14th, 1897.*

On the estate of C. W. Mansel Lewis, Esq., at Llanelly, three springs were found at spots indicated by Mr. Robert Robertson (Steward). There was not the slightest surface indication of wetness.

By means of the divining rod these three spots were suggested by Mr. Robertson as likely to afford a subterranean supply. Tubes were driven down from 18 to 23 feet and I with pleasure certify that a continuous supply of water of great value to the cottagers on this estate has been regularly pumped up since. As a result the expense of carting water has been saved.

G. BLAKE,

Land Agent for C. W. Mansel Lewis, Esq.

Mr. Robertson informs me that one of the above springs he discovered on the Stradey Castle estate is 25 yards from a bore hole that was sunk haphazard prior to his visit to a depth of 50 feet. The bore hole was a complete failure, not a vestige of water being found; whereas the spring discovered by the rod was struck at a depth of only 18 feet and continues to yield a copious and undiminished supply. The Rev. A. T. Fryer has verified this.

An American Dowser.—MR. CYRUS FULLER.

After the greater part of this paper was in type, I received from our friend, Mr. Hodgson, Secretary to the American Branch of the S.P.R., the following account of a successful American dowser, Mr. Cyrus Fuller, of Plymouth, Wayne County, Michigan. Mr. Fuller was a farmer and Quaker by birth, and died at the age of 85, three years ago. An article was published about him in the *Religio-Philosophical Journal* of December 9th, 1893, by Mr. Giles B. Stebbins, who in reply to Mr. Hodgson's enquiries, writes:—

143, Pitcher Street, Detroit, Michigan, *November 22nd, 1894.*

Cyrus Fuller is over eighty years old, and his reply and handwriting may be imperfect, but his mind was clear as ever when I last saw him. His

integrity, judgment and ability are of high order. He is of Quaker birth—a spiritualist of the higher grade, but has no theory as to his water finding save of a subtle *rapport* in his temperament—no miracle in the case, but natural law. He has found some 200 wells, with *no single failure*. Some years ago he sent some twenty names, signed to a statement that he had found water for them *on the first trial*, and a lasting flow, to the *Detroit Tribune*, which had flippantly treated previous statements. Men of solid influence, Hon. Mr. Penniman, ex M.C. of Plymouth, now departed, among them. The *Tribune* published the list, and became respectful. I have looked out from his home windows and seen a dozen windmills drawing water to feed human beings and cattle from wells of his finding. It has never been a money-making work, as he is not a poor man.

GILES B. STEBBINS.

Mr. Stebbins attempted to find for Mr. Hodgson the *Detroit Tribune* containing the statement referred to, but unfortunately without success. He quotes the following from a letter from Mr. Fuller to him, dated April 19th, 1894:—"Two of my neighbours have just opened wells which I located with my rod, both a success." He also sent Mr. Hodgson a letter written by Mr. Fuller to the *Religio-Philosophical Journal* to correct some inaccuracies in their account, part of which we print.

Plymouth, Michigan, *December 13th, 1893.*

We have nine flowing wells in this school district, all located by the divining rod, and not one has been found by putting the wells down at random.

There are very few wells in this vicinity but those located by the divining rod. I, myself, have located between four and five hundred. The depth of the wells in this vicinity on the timber land is, as near as I can calculate, on an average of forty-five feet. I have located a good many wells since I saw Mr. Stebbins.

I went to Hudson, Lenawee County, 170 miles south, on the solicitation of the water board of that village, and located a vein of water where they put down five wells. The pump [with which] they tested the wells threw two hundred gallons per minute. Each well would produce that amount of water without being exhausted. The village contains fifteen hundred inhabitants; they got all the water they wanted.

I have located wells every season, I think, for the last fifty years, and *I never solicited a job* of that kind,—they all come to me. I commenced on this farm that we live on sixty-one years ago, and it's our home yet. There are four wells I located this last season, that were to be put down this last fall; hard times prevented. One of these wells I located when the snow, last winter, was a foot and a-half deep. The man was putting up a barn, and wanted to build the barn by a well, instead of digging the well by the barn, so as to have it handy. In the dry time this season I went to the place and found it located all right.

I located a well at Plymouth that may prove celebrated. The medical properties are said to be superior to almost any in this county. They sent

off twenty-five gallons of the water to be tested at Detroit. Since then I met a load of jugs of the water going in the cars, destination Cincinnati.

CYRUS FULLER.

Mr. Fuller having died a few months later, Mr. Hodgson was, by the kindness of Mr. Stebbins, put into communication with his son-in-law, Mr. Ransom L. Alexander, who writes to Mr. Hodgson as follows:—

Plymouth, Mich., *March 5th*, 1895.

I am sorry to say that I have not the newspaper article to which you refer, and cannot obtain it, several years having elapsed since its publication. Cyrus Fuller found many wells in this section of the country; I believe something over 100, but I do not find among his papers any list of the names of those for whom he found them. I send you a few names that occur to me. He found three flowing wells for himself, which are still running. Two of them have run 50 years, the other 30. He found wells for the following named persons:—

William Hake	Plymouth P.O., Mich.)	} Flowing wells
Grant H. Joslin... ..	Since deceased	
Otto Melon	Plymouth	
Albert Durfee	Grand Rapids	
William E. Fry... ..	Northville	
William Riddle... ..	Plymouth	
William T. Rattenbury	Stark	
Joseph Clizbee	Bell Branch	
Otis Warner	Wayne	
Robert Rhead	Hudson, Lenawee Co.	

He used a forked peach tree or witch hazel twig, commonly the former.

R. L. ALEXANDER.

Mr. Hodgson wrote to the persons named by Mr. Alexander, but received only the following replies:—

No. 138.—The first is from Mr. Durfee.

103, Ottawa Street, Grand Rapids, Michigan,

March 25th, 1895.

Mr. Cyrus Fuller did locate not one, but two wells on my farm in Livonia Township, Wayne Co., Michigan; one is 50 feet deep, the other 87½. The first-named is a flowing stream running into a tank, from which stock may drink. The other, water rises within 20 feet of the surface, to which a windmill is attached, and by letting the mill run continuously for forty-eight hours I was only able to lower the water two feet, and within a few minutes after mill was stopped water came to the same level (namely, twenty feet from surface). I have known Mr. Fuller all my life, having lived neighbour to him, until five years ago I came to Grand Rapids. During the past year Mr. Fuller has departed this life. I know of eight wells located by him within a radius of one mile, all flowing ones, together with a great many that were good ones, but not flowers.

Mr. Fuller's method of locating underground streams was by the "divining rod." Those he used were either peach, witch-hazel, yellow or swamp willow. He has told me no other kinds of wood that he had ever tried would turn in his hands.

Some other things I can remember his having told me; in following veins, as he called them, through forests, that they would lead directly under many of the largest trees, and one other thing was that if a tree was stricken by lightning, he was sure to find a stream leading very near to it.

Within the past ten years he was called to many places to locate wells, some out of the State, one in Canada, I think for a railroad company.

I will conclude by saying, I know Mr. Fuller to be a man honest in purpose, and one whose name was above reproach. Deceived he might have been, but dishonest *never*. If time and space would permit I could add much more, and if of interest to you may do so at some future time.

A. B. DURFEE.

No. 139.—The next is from Mr. Hake.

Plymouth, Michigan, *March 25th*, 1895.

Mr. Cyrus Fuller located five wells for me, and all are good ones. We had no one else to locate them but Mr. Fuller. Two of those wells are flowing wells, the others are plenty of water.

WILLIAM HAKE.

No. 140.—The only other reply received by Mr. Hodgson was from Mr. Riddle as follows:—

Plymouth, Mich., *March 25th*, 1895.

I went 112 feet in the ground where Mr. Fuller did not locate and found no water. Then I went 56 feet in a four foot well, and got 30 feet of water in 30 minutes after I struck it. This last well Mr. Cyrus Fuller, who was a neighbour of mine, located. This was about eight years ago, and the well has never failed. Mr. Fuller died last summer.

WILLIAM RIDDLE.

Mr. Riddle writes again as follows:—

Plymouth, *April 12th*, 1895.

I had a well in my barnyard, but it was dry, and Mr. Fuller told me that there was water if I would dig for it. I tried to, but it caved in, and I had to abandon it. Then I moved about 10 feet from the old well, and dug about 112 feet, as I told you before, and found no water. This last well was not located by anybody. I dug there merely for convenience.

WILLIAM RIDDLE.

It is to be regretted further details cannot now be obtained of Mr. Fuller's work as a dowser. There is, I find, a letter of his published in *Light* for August 30th, 1884, the substance of which is as follows:—

(1) The "Michigan Central" officials invited Mr. Fuller to try at Esse Centre, 15 miles south of Detroit. They had previously bored nearly 1500

feet to get water, but without avail. Fuller located a certain spot with the rod where an abundant supply of pure soft water was obtained at 110 feet deep.

(2) At Wayne, 18 miles west of Detroit, a large sum had also been spent by "the officials" in boring for water, but in vain. Water was, however, found at the spot fixed on by Mr. Fuller at 137 feet; moreover a good supply was also obtained at a second spot he located here a few years after.

(3) At Northville, Michigan, W. Foy (Fry?) had spent 200 dollars digging and boring to 97 feet, but got no water. A short distance from this useless well, the rod indicated a spot, where a good supply of water was obtained at 20 feet from the surface.

It would be useful to have independent evidence of these statements. Several other instances of the success of dowzers in finding underground water, often when other means had failed, are to be found in the columns of *Light* from 1882 to the present time; but as the majority of the correspondents do not give their names, their evidence cannot be corroborated. A dowser of whom I had not heard before, Mr. Child, writes from Norwich in *Light* of October 8th, 1887, stating he had repeatedly found water by the rod within a few yards of wells that had been sunk unsuccessfully. I wrote to Mr. Child asking for particulars of these places, but my letter was returned marked "present address unknown."

Evidence has already been given showing the wide area of distribution of the dowsing rod. This fact also comes out in the correspondence on the subject that appears from time to time in various journals. I have not heard of its use in Asia or South America, though the North American Indians are said to have long known and practised dowsing. The London *Times* of December 27th, 1881, refers to its use in Dakota, as Mr. E. T. Bennett has pointed out.¹ In an article on "Farming in Dakota," reference is made to a farm near Valley City belonging to a Mr. Kindred, and according to the *Times* :—

Water is got in abundance from a bed of sand 30 feet deep, and brought to the tanks by a pump worked by a windmill. An effort had previously been made only 100 yards further north to find water; a shaft, 138 feet, had been ineffectually dug. The bending of the willow twig carefully carried over the surface is said to have afforded indications which justified the present successful opening.

¹ See *Light* for January 7th, 1882, where Mr. Bennett asks for authentic instances of water-finding by the rod and originated the correspondence on the subject which followed. Some remarkable cases of the use of the rod in Jersey, by a local dowser, are given in *Light* for February 11th, 1882.

In Italy the rod has been in use for over three centuries. Lieut.-Col. Cocks, in a letter to the *Times*, states he has seen certain Italians travelling through the Riviera locating the site for wells with a twig of olive bent into the form of a loop. The loop turns upwards with jerks, often striking the breast of the operator when over a hidden spring; Colonel Cocks gives instances that came under his own observation, of the success of these dowzers. This form of rod is, I observe, pictured in a work on Practical Mining published in Bologna in 1678, and is also described in various Italian essays on the rod of a century ago; a loop of wire is used by some English dowzers. In parts of Switzerland the rod has also long been in use; in the neighbourhood of Lucerne the dowser appears to be called the *Brunnen-Schmecker* (spring-taster);¹ in the United States he is often called "water-smeller."

PART IV.

GEOLOGICAL OPINION.

Before bringing to a close the evidence for or against the dowser's success, in the search for underground water, I wish to cite the opinion of a few geologists.

PROFESSOR SOLLAS, F.R.S.

It is certainly a singular fact how very few attempts have been made by competent scientific men to put the dowzers' claims to the test of experiment. One such is recorded in our own *Proceedings*, Vol. II., p. 73, *et seq.*² This is a report by a distinguished geologist, Professor Sollas, LL.D., F.R.S., etc., which was made at the request and at the expense of our Society in the year 1883. The experiment consisted in sinking two adjacent similar wells in an alluvial plain at Locking, near Bristol; one well was sunk at the spot indicated by the dowser, and the other at a spot 15 feet distant where the "rod" did not indicate water.³ At the former, which Professor Sollas called the + well, the dowser predicted that water would be found; at the latter, or - well, that it would not. Professor Sollas, as a geologist, predicted

¹ See *Light* of January 28th, 1882, where a good instance of the Swiss dowser's success in water-finding is given.

² Reprinted, as already mentioned on p. 18, with some additions and maps in the *Proceedings of the Bristol Naturalists' Society* for 1884.

³ The dowser was Mr. Thomas Young, since dead, see No. 29, p. 52.

water would be found in both or neither. Wells were sunk, and when the + well was 16 feet deep, Professor Sollas reports, "it contained a good deal of water, 8 or 9 feet. . . . The - well was 20 feet deep and contained $4\frac{1}{2}$ feet of water. Water was trickling into it, but not so fast as into the other. The well-sinker said this $4\frac{1}{2}$ feet was merely surface water." A fortnight later the bailiff to the estate visited the wells, and reports that the + well was only sunk to a depth of $17\frac{1}{2}$ feet, but the - well was sunk to 20 feet, nevertheless the former had 9 feet of water in it and the latter $4\frac{1}{2}$ feet. Ten days afterwards a pupil of Professor Sollas visited the wells and reported that the water stood at the same level in both wells, and a similar report was given some time later.¹ A month after this last Mr. E. R. Pease visited the spot and had both the wells emptied of water. "The + well I found (he remarks) now to be a mere hole some 10 feet deep, whilst the - well was a carefully timbered shaft 24 feet deep." Measurements of the rate at which water flowed into the two wells "seem to show that the + well filled more rapidly than the - well, although its depth was so much less. The tenant of the farm told me that the water in the + well was of better quality than that in the - well."

The conclusion Professor Sollas draws from this experiment is that "The case for the dowser has conspicuously failed": any success dowsers may have he believes due to their possession of much mother wit and a large experience of the behaviour of underground water. Mr. Pease, however, remarks "I cannot feel his [Professor Sollas'] complete confidence in the conclusive nature of this particular experiment." An opinion from which, with all respect to my friend, Professor Sollas, few, I imagine, would be disposed to dissent; even although the - well certainly could not be called "dry."²

MR. T. V. HOLMES, F.G.S.

Mr. T. V. Holmes, F.G.S., the President of the Geologists' Association of London for 1889-90, who read a paper on the divining

¹ The dowser and his assistants attributed the water in the - well to an outflow from the + well, and the tenant of the estate said he had seen it flowing in from the side nearest the + well; Professor Sollas confirms this from his own observation, but adds it trickled in from the other sides also, and remarks that if the rock between the two wells were so porous as to allow percolation from one well to the other, then the rock would be water-bearing and furnish water to both.

² At the close of his paper Professor Sollas draws attention to the incompatibility of the dowser's pretensions, in this and like cases, with the assumption that some physical effect is produced on the dowser by underground water, *provided* this effect be assumed to radiate from the water and decrease as the square of the distance increases. I shall return to this argument subsequently when discussing the suggested explanations of the "dowsing faculty," if such there be.

rod before the Anthropological Institute on March 30th, 1897,¹ writes to me as follows :—

28, Crooms Hill, Greenwich Park, S. E., *June 23rd*, 1897.

A priori conclusions seem to me absurd and unscientific, whether put forward by the President of the Royal Society, or by a village cobbler. As regards the water diviner, I am only anxious that he should be brought from the realm of disorderly mystery, which is ignorance, to that of orderly mystery, which is science—to use a phrase of Huxley's. That a somewhat abnormal nervous organisation may make given persons specially sensitive in special ways, where ordinary persons remain unconscious, is a perfectly possible, and not improbable thing to me. It is simply a matter of evidence.

Whilst geology as a science is very modern, a knowledge of water-bearing surface beds is extremely ancient, as the evidence afforded by the sites of ancient towns and villages amply demonstrates ; in fact, the presence of a water-bearing stratum, such as a flat of old river gravel, was one of the strongest attractions.² Nowadays, the existence of water companies allows the extension of London over thick clay. But the ancient London, "the City," is on the first high terrace of old river gravel to be met with on going up the Thames from the sea. Innumerable instances of a similar kind might be given. This perception of water-bearing surface beds is therefore a knowledge quite independent of a knowledge of geological structure, and one which has existed from time immemorial.

Indeed, (as I have elsewhere remarked), the rise of geology as a science tended to put this older knowledge of water-bearing surface beds into the background. The Geological Survey had been at work many years at the deep-seated geology of England and Wales, before any "*drift*-maps," or those showing the superficial beds, which lie indifferently on the older rocks of various ages, were even thought of. But at a later period it was discovered that to ignore the superficial beds in such a district as the Eastern Counties was to ignore the strata forming four-fifths of the surface to an average depth of thirty or forty feet. So *drift*-maps became more common. But geologists seldom bestow much thought on these various *drift*-beds, unless interested in flint implements. Again, with the rise of geology as a science came, *pari passu*, a distrust of water from surface beds as a source of domestic supply, and a preference for deep wells and water companies. In short, the tendency of the great bulk of geologists is to ignore utterly surface beds as a source of water supply, and to care but little for them from any other point of view ; while, as regards older rocks, most would be found interested in them rather as showing deposition under marine, estuarine, fresh water, warm or cold water, conditions, than in their relations to water-supply.

Consequently, I am not surprised to learn from one of the cases you cite, (No. 73, p. 97), that a "geological authority" had said that no water would be found at a less depth than 120 to 130 feet, and that Mullins found water

¹ I am indebted to my friend, Mr. E. Westlake, F.G.S., for this information, which reached me too late for insertion in the earlier part of this paper.

² This fact was pointed out some time ago by Professor Prestwich.—W.F.B.

at 20 feet in a surface deposit. Whether the geologist ignored the surface deposit, or thought water from it unwholesome, I know not.

In another case (No. 42, p. 68) the geologist is not so wrong as he seems. Limestone is a water-bearing rock, and water would tend to flow to the lowest level in that rock, impervious clay beneath preventing it from getting lower. But while water tends to percolate evenly through gravel and sand, it flows through sandstones and limestones mainly along their lines of jointing. Hence it is by no means rare to find that little if any water comes into a shaft driven into a limestone or sandstone to a supposed sufficient depth, and a very common practice of practical well-sinkers to run headings in various directions to tap joints and fissures when such is the case, with results as successful as in the above example.

In certain Essex cases north of Chelmsford and between Braintree and Bishop's Stortford, where the diviner's success was thought wonderful, there is a plateau of Boulder clay intersected by valleys which show the underlying

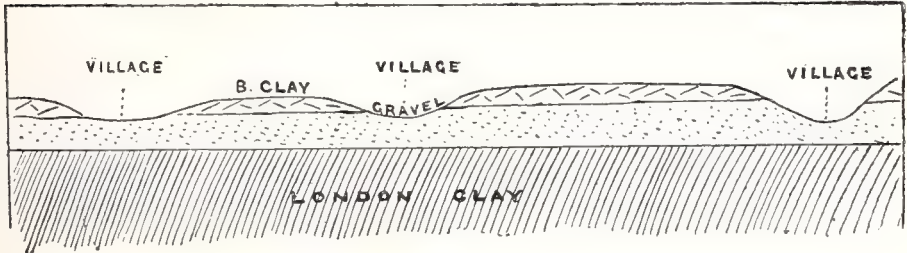


FIG. 1.

Glacial gravel and sand, London clay underlying both. The villages are on the gravel and sand of the valleys, and any practical well-sinker would see at once that water would be attainable at a moderate depth on the plateau on sinking through the Boulder clay into the underlying gravel, see Fig. 1; the London clay, of course, prevents the water from getting lower. The valleys thereabouts are very close together, in addition. Non-drift maps of Essex ignore almost everything above the London clay; hence a Government official, reporting a year or two ago on Essex agriculture, stated that most of the soil of Essex was London clay. Much more of it is Boulder clay than London clay. But drift-maps are of recent date, and all geological maps of less scale than one inch to the mile necessarily ignore drift for the sake of clearness in more fundamental points of structure.

With regard to Lady Milbanke's and Dr. Hutton's experiments (p. 42); the "new college" was evidently the Royal Military Academy on Woolwich Common, at which Dr. Hutton was Professor of Mathematics (1773-1806.) Now the surface of Woolwich Common between the Military Academy and the Artillery Barracks and Rotunda (northward) consists of Blackheath Pebble Beds; while from the Academy (southward) the Pebble Beds become covered with a gradually increasing thickness of London clay. Whether the spot at which the lady discovered the water had Pebble Beds at the surface, or they were covered by a few feet of London clay, is immaterial, as the water would be found only towards the bottom of the Pebble Beds. And as water

percolates evenly and freely through them, and they are lying almost perfectly flat, water would be found thereabouts at very nearly the same depth wherever the Pebble Beds are uncovered, and at a greater distance from the surface as the thickness of the London clay above increased. It is therefore obvious that whatever influence may have caused the lady's agitation and the twisting of the rod in her fingers, it could not have been a peculiar and special nearness of underground water at that particular spot. In this instance, too, there can be no suspicion that she was trying to give herself a reputation for an abnormal faculty; nor that her movements were the result of knowing that water was almost certain to be found at no great depth in a bed of gravel. We learn also that the most perfect integrity is quite compatible with complete, though unconscious, self-deception. In short, this case is one best explained by the conclusion of Paramelle, that "the wand turns in the hands of certain individuals of peculiar temperament, and that it is very much a matter of chance whether there are, or are not, wells in the places where it turns." Records of experiments with the divining rod show many apparently similar cases.

In my paper I spoke of myself as a *field*-geologist, because having worked on the Geological Survey of England and Wales about 11 years, in Yorkshire and Cumberland, I have often since felt the advantage of having been compelled from official duty to note much about superficial, and other beds, which the non-official geologist almost invariably neglects. And when president of the Geologists' Association, at a later date, (1889-90), it often struck me how little many otherwise accomplished geologists saw in the field of those points which would be instinctively noted by the Geological Survey, who had to map the various beds in detail. But many of these points would equally attract the attention of the professional diviner. But the geologist—on water being found at a certain depth, whether in Carboniferous sandstone, or river gravel, or anywhere else—would not call water so found "a spring." A spring is a natural fountain. Where a permeable bed of sandstone—for example—lies above impermeable shale, water will flow downwards through the sandstone in the direction of its dip. Where the sandstone becomes saturated to a level above that of the surface, there may be one strong spring, many slighter ones, or a belt of wet ground, according to local circumstances.

If the permanent level of the water is at W.L. (see Fig. 2, representing a section) then there will be springs along the line of the valley. But if I

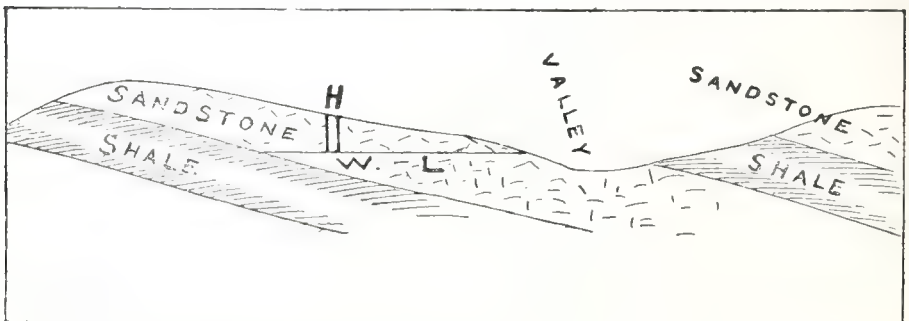


FIG. 2.

sink a well at my house at H. and find water 30 or 40 feet below the surface I cannot call water so found a "spring." A geological surveyor or a practical well-sinker would see the dip of the sandstone, and note any spring or belt of wet ground in the valley, the latter telling him that the sandstone being full of water there, he need not go very deep for it at H. In a map the sandstone would probably be traceable for miles, and have a breadth of perhaps a quarter of a mile. Anywhere towards the bottom of the slope water might be expected at a moderate depth. In short, where water may be found at a moderate depth is a question of acres or square miles, not of feet or inches, as the diviner absurdly thinks. And when the finding of water by diviners is, nevertheless, treated as though it were equivalent to the finding, in each case, of a pot of ancient coins, six feet below the surface of a ploughed field, belief in his abnormal powers follows as a matter of course.

Nevertheless I may add, that to me abnormal sensitiveness to the proximity of water seems quite as *possible* as abnormal sensitiveness to the action of some special drug, or to the presence of some particular animal, of which many curious examples are known.

As to the nature of the nervous sensibility which produces these performances with the divining rod; how much its possessors resemble in nervous organisation persons subject to hypnotic influences, or those who speedily become convulsed at fervid religious meetings,—that is a question of much interest, but one into which I have not entered.

I am amused at the fee demanded (note p. 6 of your paper) for training. For on the hypothesis that the diviner depends solely on his inner sensations, "training" seems likely to do harm rather than good. The usual dislike of diviners to be blindfolded also becomes unintelligible. For, if blindfolded, he would be much more likely to be governed solely by his inner sensations. I know that they do not always object. If I were a diviner, I would object or not according to the nature of the ground. If I were in the midst of a large flat of river or other gravel, I would cheerfully consent. But if progress in a certain direction for 100 or 200 yards might lead to a mistake, I would prefer to see. So far as I can make out, the diviner acts in this way.

As to the question of sensitiveness to the nearness of mineral lodes, I have not touched upon it. It seems to me that the two things are better treated separately. And mineral lodes being confined to special lines of country, to definite and very limited areas, it would be much more easy to obtain satisfactory evidence in their case of abnormal sensitiveness than in that of so broadly diffused a thing as water. Indeed, as regards water, I cannot think of any country in which the matter could be tested satisfactorily. And with regard to mineral lodes, it must not be forgotten that the practical observer sees much in his own line where very able men, in other walks, see nothing particular, as regards surface indications. The "Savage" is a far better observer than most of our "educated" people, who see little and argue much. Had I known you were writing on the subject I should not have written my own paper, but have sent you my notes thereon. But I heard of it only about two months ago.

T. V. HOLMES.

Mr. Holmes had not seen the whole of the sheets of my paper when he wrote the foregoing letter. After receiving the rest of the paper, Mr. Holmes writes to me as follows :—

I think no intelligent person can doubt the practical successes of dowzers (pp. 4-7). The question with me is: Does a recognition of them involve the recognition of an abnormal faculty in the dowser? It seems to me too much forgotten that a man may become a "Sherlock Holmes" as an observer of the special natural phenomena in which he is interested, and remain a very average observer in other departments. I am very far from thinking that dowzers are guilty of conscious deception when they attribute their successes to an abnormal power. But people who owe little or nothing to education, so far as education means "booklearning," are particularly apt to believe themselves the possessors of special abnormal gifts, simply because they know that their success cannot be the result of what is commonly called education.¹ In his special sphere a gamekeeper may point out many things to a Darwin which the latter would not otherwise have noticed.

P. 48.—Adams. Blindfolding should have helped him by preventing any confusing of his sensations—on the sensations hypothesis.²

P. 53.—Stokes doubtless was "an excellent dowser," but his sensations deceived him very decidedly. Should like to have his views as to the origin of "spring water."³

P. 55.—As to Hale Park, I note on looking at the geological map that in Hale Park Bagshot-sands come on eastward above Lower Tertiary clays, etc. I have not visited the spot, but have no doubt that the sands occupy higher ground than the Lower Tertiary beds. As the sands occupy a large area of the surface east of the house at Hale Park, they must contain a large amount of water, which is "surface" water as coming from surface beds. Any discovery more simple and less "uncanny" it would be hard to mention. It makes one suspect that many other cases which seemed extraordinary to the narrators would prove equally simple if one could get a similar knowledge of the geology.⁴

¹ This is very true. I have already referred to the dowser's liability to self-deception.—W. F. B.

² This is quite true, blindfolding *ought* to help the dowser as it does the quasi thought-reader, like Stuart Cumberland, whose performances are due to slight and ordinarily imperceptible variations of muscular pressure unintentionally imparted by those who know what has to be found or done. At the same time, if the rod be an *autoscope* (p. 11) one can quite understand how unexpected blindfolding might disturb, rather than induce, that passive state of mind which seems necessary for success in the whole group of sub-conscious phenomena.—W. F. B.

³ This particular experiment of Stokes is recorded to illustrate what is said at the top of p. 54; it ought not to have had a number, but should have been classed among failures of a specific kind.—W. F. B.

⁴ Possibly this case, like some other successes of the dowser, is readily explicable on geological grounds. I wrote to Major Goff to enquire why "every one was astonished" at water being found. His reply is given on p. 55. Mr. Westlake, F.G.S., writes, "I know Hale. The well referred to is near the top of the London clay and not, I think, as shown in the old Geological Survey map, actually on the Bagshot-sand."—W. F. B.

P. 104.—Close to Bower House, but higher up, Edward the Confessor had a palace. The patch of Bagshot-sand on which it stood gave a water supply.

P. 196.—The Bacon cases are in the Boulder clay district of Essex. The thicknesses of the Boulder clay forming the surface of the plateau and of the underlying glacial sand and gravel, seen in the valleys of the various streams, vary considerably within certain moderate limits. But the water is diffused through the gravel, and obtainable when the gravel is reached. Perhaps the usual depth to which it would be necessary to sink through the Boulder clay is from 20 to 40 ft. (See Fig. 1, p. 223.)

The Horsham Experiments (p. 117).—The position of Warnham Lodge is not shown on the old Ordnance map on which the geological surveyors worked, but it evidently stands where the words “*Lit. Mays*” appear on that map, about a mile N.W. of the village of Warnham, which is about $2\frac{1}{2}$ miles N.W. of Horsham. Horsham stands on the *Tunbridge Wells Sand* of the *Hastings Beds*, while Warnham and Warnham Lodge are both on the overlying formation known as the *Weald Clay*, as the great bulk of it consists of clay. Topley, in the “*Geological Survey Memoir on the Weald District*” (p. 101), gives a section of a “well at Warnham, near Horsham.”

						ft. in.
Bluish clay	...	...	...	...	...	7 0
Red sandstone	...	...	...	...	...	0 9
Bluish clay	...	...	...	...	...	20 0
Red sandstone	...	...	...	...	...	0 8
Blue clay	...	...	...	...	...	49 7
Water-bearing bed	...	...	...	...	...	1 0
Clay, chiefly blue	...	...	...	...	...	73 0
						—
						152 0

[This is slightly condensed, the names of varieties of clay being omitted.]

Topley notes (p. 396) that of 97 towns and villages on the Hastings Beds (which consist of alternations of sands and clays, neither decidedly predominating as regards the area they cover), 79 are on sandy sites. To obtain a water supply by means of shallow wells and pumps has been the chief cause of this selection, clay yielding no water. In the Weald Clay district, the most important of the subordinate beds of stone is the Horsham Stone, on which the village of Warnham and Warnham Court stand. The presence of one of these beds of stone, where it attains a thickness of a few feet, will be marked by the existence of a ridge, which will make higher ground than that where the surface beds are almost wholly clay. As water supply in such a district depends so largely on the presence of these beds of stone, the dowser naturally has a keen eye for the elevated ground, and *will* go there, to the horror of his backers at first, and to the enormous increase of their wonder at his powers, when a well is successfully sunk at the top of a hill, after failures down below.

There are signs of the presence of a bed of stone on the high ground where Warnham Lodge and farm buildings stand, and Topley mentions (p. 104) a bed of sand and sandstone ranging by Hurst Hill, Gearing's, *Little May's*, Charman's, and other spots to Rudgwick, which is evidently the

stone in question.¹ Whether in Yorkshire, Sussex, or anywhere else, where beds of stone alternate with others of clay or shale, the high ground is composed of the beds of stone, and the lower of the shales, and the former are waterbearing, the latter not.

I do not wonder that the non-dowsing advisers ignored the surface stone bed, and thought of (I suppose) going down to the Horsham Stone, or even the Tunbridge Wells Sand; or, perhaps, of tapping a sufficient number of waterbearing beds, which individually insignificant might collectively prove sufficient, and be free from possible dangers arising from surface pollution—dangers by no means uncommon in similar cases. The dowser's triumph is to find water, and to find it as near the surface as possible; he has no further responsibility. But the geologist who should recommend water from a source easily polluted, and which gave rise to disease in persons using it, would be deemed to have shown a most culpable recklessness—at the very least.

However, the dowser in this case, after “blasting and sinking” in hard limestone, obtained a supply of water at a depth of 12 feet, at spots known as E and F, and at 19 feet at D (p. 119), all these wells being only a few yards apart. The dowser, however, insisted that no water would be found between wells E and F, as “both were independent springs.” One of the wells was pumped nearly dry, and the water-level in the other was unaffected. But this merely showed that there were no lines of bedding or jointing giving an easy passage to the water between the two wells. And the water from the stone for some distance around having been collected into the two wells, the space between them was likely to be a spot comparatively free from water. Of course, ultimately, a well midway between E and F would have become as full of water as they were. But the days necessary for this to take place, in the absence of a good system of jointing, were not allowed, but a tunnel was at once made connecting the wells E and F, and ensuring a better supply than could otherwise be obtained.

This stone was evidently an extremely hard and compact rock, very much more so than the chalk, but the best illustration I can think of to show the difference between the restricted circulation of water in jointed rocks, and its free percolation in gravel and sand is from the chalk.

In the *Essex Naturalist*, Vol. I., p. 254, (1887) there is a brief account of some “chalk wells” in Buckinghamshire. These chalk wells were situated at a tile works, and consisted of some five or six shafts, about 70 ft. deep, which after piercing through the surface beds, entered the chalk to a depth of about 6 ft., and then widened out into bell-shaped chambers. The object of their makers was to obtain chalk for lime from the ground beneath the limited area of the tile works. The chalk being locally full of water almost to the top, these chambers were hollowed out as near the top of the chalk as possible. After a considerable amount of chalk had been removed from one of these chambers, it would become unpleasantly wet, and would ultimately be abandoned and another shaft sunk, and so on. The important point is that these chambers became unpleasantly wet only after some time had elapsed, though from their size, as compared with that of a mere well, they must have been comparatively far more likely to be speedily flooded. I

¹ It is called a *limestone* in your paper. Probably it is more calcareous than usual at Warnham Lodge.

have no doubt that the Warnham well between E and F would eventually have had water in it, had sufficient time been allowed, just as in the case of the chalk chambers at the tile works. That Mullins fixed upon the spot midway between two wells as a dry place, seems to me simply caused by his experience of the behaviour of water in jointed rocks, not as showing the veracity of his sensations. The dowser in the case reported by Professor Sollas no doubt fancied that he was directed by his sensations. But he probably thought also that water circulated as irregularly through the sand of an alluvial flat as through a jointed rock—and consequently deceived himself.

T. V. HOLMES.

Mr. Holmes' criticism of some of the cases which I have cited is extremely interesting and useful, and I am much indebted to him for the trouble he has taken. Regarding the Horsham experiments, the explanation suggested by Mr. Holmes presumes that Mullins had not only local knowledge, but also a *geological* knowledge of the locality. This is in the highest degree improbable, (see p. 117). I never met John Mullins, but every one who has done so testifies to the fact that he never troubled himself in the least about gaining the advantage to be derived from even an elementary acquaintance with geological facts. Whatever information of water bearing strata he has gained by experience was probably not consciously drawn upon, but may have aided him in a kind of *instinctive* selection of the right spot where to sink a well. The question to be discussed presently is whether this instinct gained by experience is sufficient to account for the dowser's success in the whole of the cases I have cited. At Warnham Park there was absolutely nothing in the surface of the ground to indicate which was stone and which Weald clay. The hill and its slopes as well as the rest of the ground were covered with vegetation, under which was a thick layer of alluvial soil. Moreover the water found, though from a shallow well, is an excellent, abundant, and perennial supply. If its discovery was so very obvious, as Mr. Holmes points out, why did not the experienced local well sinkers and the eminent engineers who were consulted,—aided as they were by geological maps and geological advice,—indicate the fact to Mr. (now Sir Henry) Harben and save him the fruitless expenditure of over £1,000? If Mr. Holmes visited the site, he would see the source chosen is the highest point on the estate; it is not easily polluted and in fact it furnishes the whole of the drinking water which is used in the establishment. It is, as we all know, very easy to prophecy after the event, but in this case not quite so easy beforehand, apparently.¹

¹ Writing to me on July 8th, 1897, after the above was in type, Mr. Holmes says:—

I visited Horsham on June 30th. As you say, there is no evidence of stone on the surface, but that would not matter to the dowser. He would see, as I saw, that there was a ridge capped by stone of some sort there, *i.e.*, by something harder than

With regard to the absence of water between wells E and F (p. 118) if I understand Mr. Holmes aright, he argues this is merely relative, water would gradually have percolated into the intervening space, if time were allowed for it to do so. Possibly, but that is not the point in question. How did Mullins find the exact spots where bedding or jointing allowed an abundant supply of water to be tapped? And how did he know that between E and F in the solid rock 12 ft. below him there was "an absence of a good system of jointing," to use Mr. Holmes' words? He did not remove the trees, the shrubs, the grass, and the surface soil, and explore the rocks beforehand. Had Mr. Holmes himself been in Mullins' place, he must have been more than a geological Sherlock Holmes to have discovered all this in a rapid walk over entirely new ground.

No, Mr. Holmes' criticism leaves the solution of the question *as a whole* as far off as ever. Many individual cases are, no doubt, readily explicable; but nothing Mr. Holmes has said explains the Waterford experiments, nor, I venture to say, the Horsham experiments, nor the numerous cases I have cited where useless wells or borings had previously been made, and where water was found by the dowser at a less depth, or at a corresponding depth close by.

The next letter may be contrasted with Mr. Holmes' instructive criticism, or with the opinions given on pp. 6, 7, and 67.

MR. J. H. BLAKE, F.G.S.

I wrote to several well-known geologists to ask for any information they could give me either favourable or unfavourable to the pretensions of the dowser. Among other replies, my friend, Mr. W. Whitaker, F.R.S., referred me to Mr. J. H. Blake, F.G.S., of the Geological Survey, who has had considerable experience in hydro-geology. I wrote to Mr. Blake, and the following is his reply:—

Re "THE DIVINING ROD."

16, Polstead-road, Oxford, October 1st, 1896.

I have received your letter of September 26th, desiring some information as to the *non-success* of the above. When was it ever successful?

clay, which would be enough for his purpose. And the information which he would inevitably gather from Mr. Harben and others would suffice without asking many questions. I did not notice the Waterford case, because I do not know the country at all. The majority of recorded cases cannot be discussed by a geologist, from the absence of sufficient geological details.

T. V. HOLMES.

It was extremely good of Mr. Holmes to take the trouble to visit Warnham specially; he is, however, entirely mistaken in his assumptions, as Sir Henry Harben would inform him; how, except by trial, or from some geological knowledge, was Mullins to know the ridge was "capped by stone of some sort," when Mr. Holmes himself says "there was no evidence of stone on the surface"?

The late W. J. Palmer, of the Biscuit Factory, Reading, wanting a water supply at Kingwood House, Lambourn, Berkshire, employed a divining rod man, who walked over the ground and stated water would be found at a few feet beneath the surface over a certain area which he pointed out. I was afterwards consulted, and having inspected the site, and made some calculations, informed Mr. Palmer that no water would be met with until the plane of saturation in the chalk was reached, which at the locality mentioned would be about 300 feet from the surface of the ground. Mr. Palmer then decided to have a well dug, six feet in diameter, which was carried out by a man I know very well, and who supplied me with all particulars, and no water was found until the plane of saturation in the chalk was reached at about the depth I stated. This well was sunk in 1892.

To mention a more recent case, last June, the owner of "The Hollies," Burghfield, near Reading, called upon me, and stated that her tenant—a General, who believed in the divining rod—had employed a well-known divining rod man, who went over the ground, and told him water would be found at about 40 feet beneath the surface. After making some calculations, I informed the owner that no water would be met with until the basement bed of the London clay was reached, which at the site of the house would be about 183 feet beneath the surface. This information was communicated to the General, who shortly afterwards called upon me, when I explained to him how I arrived at my conclusions, and that the divining rod business was *absolute nonsense!* I advised a boring to be made, which was completed a few days ago, and no water was met with until the water-bearing basement bed of the London clay was reached at a depth of 190 feet from the surface.

I will mention one more case to show the fallacy of the divining rod, or "dowsing fork," as it is sometimes called, but better known on the Geological Survey as the "chousing fork!"

A well-known divining rod man visited Reading a few years ago, when Mr. Walker, the waterworks manager, took him along a street, at a certain spot beneath which the Holy Brook (which used to supply the old Abbey) flows in a culvert. When they came to it, all those present watched the hazel twig, or fork, which he carried in the usual manner, and not the slightest movement occurred, although all those present, excepting the divining rod man, knew perfectly well there was running water beneath them!

In conclusion, I consider those who profess to find water by means of the divining rod, and receive money¹ for their erroneous information, ought to be prosecuted for *fraud*, quite as much as a fortune-teller, for deceiving her Majesty's subjects.

J. H. BLAKE.

As Mr. Blake mentions two specific instances of failure, it was desirable to obtain information about these at first hand, so that they might be recorded with other adverse evidence. Upon enquiry, I

¹ The General alluded to paid a fee of £3 3s., and Mr. W. J. Palmer, I believe, considerably more.—J. H. B.

ascertained the name of the General referred to in the foregoing letter, and wrote to him. General Buck kindly replies as follows :—

The Hollies, Burghfield, Mortimer, Berks., *October 5th*, 1896.

In reply to your letter of October 2nd, 1896, I have to inform you that Mr. Mullins, the diviner, came here and pointed out places where I should find water, but I did not sink a well at the place pointed out, as he said I should have to go down 70 or 80 feet. I subsequently consulted Mr. Blake, Government geological surveyor, who informed me that I should get no water nearer the surface than 186 feet. As a matter of fact, I had to bore 210 feet before I got a supply. No doubt I should have found water at that depth at the place pointed out by the diviner, as I was aware that if I went deep enough I should get water.

L. BUCK.

The dowser in this case could not have been John Mullins, who was dead, but must have been one of his sons. Mr. Blake, it will be observed, is not quite accurate in his statements as to the depth predicted by the dowser, or that at which water was actually found. This, however, is immaterial, as the well was not sunk at the place indicated by the dowser. Nevertheless, the geological evidence shows that the dowser employed was probably mistaken. It would, however, have been rash to make any such prediction in the case of a spot fixed on by John Mullins, as the Waterford experiments, the Horsham experiments, and other evidence already cited demonstrate.

With regard to the first case mentioned by Mr. Blake, that of the late Mr. W. J. Palmer, of Reading, I wrote to the address given by Mr. Blake, and received the following reply from Mr. G. W. Palmer :—

Elmhurst, Reading, *February 25th*, 1897.

In reply to your letter, I write to say you have been entirely misinformed ; my experience with the divining rod has, I am glad to say, been eminently satisfactory.

GEO. WM. PALMER.

Upon explaining that the reference was to the late Mr. W. J. Palmer, I was informed that the latter had been dead some years, and no information was possessed by my correspondent as to the facts narrated by Mr. Blake. In reply to my enquiries as to any one who could give me the requisite information, Mr. G. W. Palmer's private secretary states that he has submitted my letter to Mr. Palmer, who had to leave home on account of illness, and that "he is unable to throw any light upon the matter." Whilst I do not in the least dispute Mr. Blake's statement, it will be observed that his information in this case does not appear to be first-hand. Certainly, Mr. G. W. Palmer's letter disposes of Mr. Blake's assertion in another letter which is before me, viz., "The Palmers now are no longer believers in the divining rod, but strong believers in Geology and Hydro-geology."

The *parti-pris* with which the investigation of our subject is approached by most geologists is seen in the first sentence of Mr Blake's letter, when the question is asked, "when was it ever successful?" By this is evidently meant, "when was a dowser ever successful in discovering underground water?" Even without reference to the bulk of the evidence collected in this paper, an answer to this question is given by an experienced and practical man like the bailiff to the Merchant Venturers' estates, who remarks (No. 28, p. 50) that he "would as soon think of planting a tree with its root upwards as of digging a well for water without employing a dowser."

MR. C. E. DE RANCE, F.G.S.

Among English geologists who have made the question of water supply their special study, few are more qualified to speak than Mr. C. E. De Rance, Assoc. Inst. C.E., F.G.S., of the Geological Survey of England and Wales.¹ Mr. De Rance was secretary to the British Association "Underground Water Committee," and drew up the whole of their twenty annual published reports. In a letter to Mr. E. Westlake, which I am permitted to print, Mr. De Rance, like most other geologists, speaks of the divining rod as a fraud, though he thinks many of its operators are honest and deceive themselves; and adds, under date, November 16th, 1896:—

With an experience of a quarter of a century I know of no public water supply, or first class pumping station for trade purposes, which originated with a dowser. As regards shallow wells for domestic use, sunk by local well sinkers, it is very seldom that a small supply of water cannot be got for the limited requirements, and failures are few. The dowser is in the same general condition; for a small quantity he can hardly go wrong, and one never hears of his failures in the newspapers!

How far the evidence I have presented confirms this opinion of Mr. De Rance I leave the reader to judge; certainly local well sinkers do frequently sink without finding water, as a large number of the cases I have cited prove. I wrote to Mr. De Rance, and asked him if he could supply me with any *facts* as to the relative success, or non-success, of a good dowser on the one hand, and a good geologist on the other, in determining the correct sites of wells for various private properties. I received the following interesting letter in reply:—

55, Stoke Road, Stoke-on-Trent, *December 15th*, 1896.

Divining rod.—I agree with you that *facts*, and not belief or unbelief, should be the basis of the enquiry. But the difficulty is to get facts on both

¹ See Appendix B, where Mr. De Rance's work on the Water Supply of England and Wales, London, 1882, is referred to. Mr. De Rance kindly sent me a number of press cuttings on the divining rod of older date than those I had.

sides that are comparable. It does not follow, because a man is an *eminent* geologist or civil engineer, that he has studied "Hydro-geology"; the chances are that he has *not*. There are at the present time barely twenty underground water-experts in the British Islands, so the "personal equation" is of the greatest importance. There are probably 1,500 geologists, including geologically inclined civil and mining engineers, but twenty would be the outside who could give a reliable opinion on underground water, any more than on fossil insects, or fossil fish.

It is a matter of common experience that local authorities do not know who are the underground water specialists, and call in a *leading geologist*, who may, or may not, respond to the call, just as some surgical experts may, or may not, advise, when asked for an opinion outside their special branch. The opinions of such geologists rest upon chance, and I should not be surprised to hear that their success, or non-success, was on all fours with that of "the dowser."

Then again, as regards comparing successes, it is important to remember an underground water-expert is hardly ever called in, except a daily supply of from 100,000 to 4,000,000 gallons is required. So far as I am aware, no public or private supply of over 100,000 gallons per day has ever been advised by a "dowser," though such, of course, may be the case, unknown to me.

Underground water travels in *sheets* and not *lines*, and though underground "channels," or "courses," occur in limestones and impure limestone—like the chalk,—occasionally, they are wholly absent in other rocks; though, of course, these throw up lines of springs, where the flow of water is intercepted by faults, throwing in some impermeable material, forming a water-tight barrier. Such lines are well marked by *melting hoar-frost* at daybreak, on a frosty morning.¹

C. E. DE RANCE.

Mr. De Rance is doubtless right that no large *public* water-supply is due to a dowser; this is one of the special functions of the hydro-geologist, who will on scientific grounds accurately advise where to sink *deep* wells. Here I should expect the dowser would be quite useless. Mr. De Rance is, however, mistaken in thinking no water supplies of over 100,000 gallons a day (say 4,200 an hour) have ever been found by dowsers, see *e.g.*, No. 49, where 20,000, and No. 78, where 10,000 gallons *per hour* were obtained; but as a rule the supply found is not so enormous, though ample for private purposes.

It is necessary to bear in mind that there are two distinct kinds of wells, *viz.*, *shallow wells*, sunk into a superficial permeable stratum; and *deep wells*, sunk through the superficial stratum and through an impermeable stratum beneath, until the underlying water-bearing

¹ This is an interesting observation and one to which I shall return in discussing the theory of a possible "dowsing faculty." In mining districts the melting of hoar-frost and the peculiar growth of herbage have long been known to afford some indications of the direction of mineral lodes beneath.—W. F. B.

stratum is reached. Shallow wells are often contaminated and yield as a rule moderate supplies of water; deep wells generally yield a much larger supply of pure water. Though the evidence in this paper shows that some deep wells have been successfully found by dowzers, an analysis of the whole of the cases shows that the success of the dowser evidently lies in fixing the best spot where to sink comparatively shallow wells, the average depth of the dowser's wells mentioned in this paper being a little over 40 feet, and the average supply found being sufficient for the purpose required, though insufficient for a public water supply. There is, however, abundant evidence to prove that in these wells, as a rule, the quality of the water, even in the 12 foot well (p. 119) sunk by Sir Henry Harben, is excellent for drinking purposes. The dowser, it must be remembered, is rarely employed in towns, where shallow wells are undoubtedly a source of danger.

Again, in estimating the success or failure of the dowser, it should not be forgotten that the most experienced geologists are sometimes mistaken in the advice they give as to water supply. Mr. De Rance goes so far as to say that even the opinion of leading geologists (the *result* of their opinions is probably meant) "rests upon chance." There is a well-known case of the serious and costly failure of scientific advice in well-sinking recorded in the *Encyclopædia Britannica*, (Art. Water Supply, p. 405). This was at the deep well on Southampton Common, "which has only yielded a small supply of water, though carried 852 feet into the chalk." This well has since been sunk, by boring, to a depth of 1,317 feet, and was ultimately abandoned after the ratepayers had been put to an expense of £13,000.¹ Other cases of failure on the part of scientific experts in sinking deep wells have occurred. A French engineer congratulates himself that out of 16 deep borings he has made, only two were unsuccessful; that is, his failures were rather over 12 per cent. The writer of the work in Weale's Series already cited, an experienced hydraulic engineer, states "the non-success of these borings is worthy of remark, as illustrating the uncertainty of this class of operations." Nor do these deep wells always yield a large supply; according to the same writer, the artesian well sunk at the "Model Prison, Caledonian-road, London" to a depth of 370½ feet only yielded 800 gallons per hour. The artesian well at Chichester is sunk and bored to a depth of 1,054 feet, but does not yield 100 gallons an hour and "the water is of a repulsive taste and smell." These, I suppose, would be cases which Mr. De Rance would

¹ Treatise on *Well-digging and boring* in Weale's Series, 7th edition, p. 89. Mr. Westlake, F.G.S., informs me the total cost of this well was £19,600; it did yield from 2 to 5,000 gallons per hour, but this was a failure for the object intended and the well was abandoned as useless in 1882; though now used for road watering.

maintain illustrate his contention. Whether this be so or not, the significant point is that, when a failure on the part of a dowser occurs, an outcry is immediately raised and his successes are ignored; whereas similar treatment is not accorded to the engineer or geologist. This is, no doubt, inevitable, though the problem being to *obtain* a water supply, it is a matter of supreme indifference to the user whether the process by which it is obtained be rational and explicable on scientific grounds, or irrational and inexplicable.

As these sheets are passing through the press a sheaf of newspaper cuttings has reached me, containing comments on the surcharge of the Urban District Council, at Amptill, in Bedfordshire, of the fee paid by them to the dowser.¹ The geological reasons for this surcharge are fair enough, the site being on the Oxford clay, which it is said has been bored 700 feet without finding water; albeit it appears that a fair yield of water was obtained at a moderate depth, on the site selected by Gataker; but the supply was quite inadequate for public use.² A similar dispute has recently arisen at Porthcawl, in Glamorganshire, which is referred to on p. 162. In both these cases I am informed that the newspaper comments are based on misleading reports. The solicitor to the Porthcawl District Council and Clerk to the Board, in answer to my enquiry writes to say that the dowsing

¹ One of the legal reasons given by the auditor for the surcharge was based on a decree of the High Court to the effect that "the pretence of power, whether moral, physical, or supernatural, with intent to obtain money, was sufficient to constitute an offence within the meaning of the law." Some sensible remarks on this case are to be found in one or two papers, but the bulk of the Press make merry over "the superstition," "the mediæval ignorance," "the corporate blindness," etc., of the District Council.

² In justice to Mr. Gataker I append the following extract from a letter of his which appeared in the *Pall Mall Gazette* for July 3rd, 1897:—

"Two misstatements have appeared in the papers in relation to my work for the Amptill Urban District Council. The first misstatement is that a boring to 700 ft. without result was made on my advice. This is not the fact. A boring to a depth of 700 ft. was, I believe, made at considerable expense, for a brewery company, long before I was consulted by the Council, and in a totally different locality to that in which I located the springs for the Council. . . . The second is that test borings were made on my advice by the Council, and that my predictions were not verified. This, again, is not the fact. At the monthly meeting of the Council held on Tuesday, June 15th, the chairman of the Council, as reported in the *Bedfordshire Mercury* of Saturday, June 19th, said: 'The Council had really tested but one of his spots (that is, the spots at which I had located springs for the Council), and there, where he said they would find a yield of 2,500 gallons, they had actually found 2,800. He contended that Mr. Gataker had been treated in a very un-English way.'

"It would be a matter of great gratification to me were the whole question investigated by some well-known scientific person, or scientific body."

experiment was not, as stated in the papers, a complete failure, but the quantity of water found was less than anticipated and insufficient for public purposes.

The action of the Local Government Board auditors in surcharging some District Councils for fees paid to a dowser is closely connected with the hostile, *a priori*, geological opinion that is now current. And rightly so, for our administrators cannot go behind the recognised and authoritative exponents of any branch of science and enquire whether their views are based on a wide, patient, and unbiassed examination of the evidence for and against the possible existence of a "dowsing faculty." It must be assumed that no competent scientific authority would unhesitatingly give an opinion on any subject without having scientific grounds for so doing. The *a priori* improbability of any alleged phenomena, or the difficulty of finding any immediate explanation, are grounds for demanding ample and trustworthy evidence, but are not reasons for rejecting such evidence, or science would not have accepted the aid to surgery given by the Röntgen rays—among other instances that might be cited. On the contrary, it is the received dictum of scientific investigation, as long ago pointed out by Sir John Herschel, that "The observer . . . in any department of science . . . will have his eyes, as it were, opened, that they may be struck at once with any occurrence which, *according to received theories, ought not to happen*; for these are the facts which serve as clues to new discoveries,"¹—a sentence that might well form the motto of our Society.

PART V.

BRIEF SURVEY OF THE EVIDENCE.

To those who have had the patience to toil through the wearisome body of evidence which has so far been adduced, two things are sufficiently clear. One is, that the absurd and preposterous idea entertained by many advocates of the divining rod in the present day, as in the past, that the indications afforded by the "rod" are *infallible* for whatever special purpose it is employed, has, it need hardly be said, no foundation in fact. The other is, that the current view entertained by most men of science, especially by geologists, that there is nothing to investigate but "absolute nonsense," "a miserable

¹ *Discourse on Natural Philosophy*, section 127, p. 132. The italics are mine.

superstition," "a pestilent heresy," "a bit of clever legerdemain," that dowzers "ought to be prosecuted for fraud,"—if not so absurd, is equally erroneous.

Whatever be the explanation, the evidence shows that failures in the use of the rod *for the discovery of underground springs* is a small percentage of the total number of trials *when a skilful dowser is employed*. How large the actual percentage of failure is, it is difficult to estimate. It varies undoubtedly, and very largely, with different dowzers; with some, like the late John Mullins, the number of failures seems to have been very few; with others, failure is far more frequent. This is what might be expected if there be a peculiar instinct or faculty in certain persons which is not common to all. Moreover, as an easy way of earning a living without the trouble of any education, the class of professional dowzers is sure to be recruited by a number of rogues and charlatans, and also by ignorant fools, who, because a forked twig turns in their hands, without any apparent muscular action on their part, call themselves "water experts," and, as such, demand big fees from the credulous public who employ them. Such men are pretty sure to quote in large type the first sentence of this paragraph to advertise themselves. An emphatic caution is therefore necessary in advance, to warn the public against putting the smallest faith in the puffs of a dowser, unless his work has stood the test of thorough and independent investigation.

It must not be assumed that all the professional dowzers whose careers I have endeavoured to investigate are equally satisfactory. The evidence shows that this is *not* the case; on the contrary I have grave doubts whether some of them are not self-deceived and their successes due to mere chance. What is needed is a record of every trial they have made for, say, a couple of years, and an exact statement of the results in each case; supplemented by a report from a competent geological authority, as in many districts water-bearing strata are easily reached over a wide area.

But how any reliable statistics of this kind are to be obtained I do not know. All that was possible in the present investigation was to make the range of evidence as wide and unbiassed as possible, and not exclude a single case of failure that was substantiated. This has been done, and I may add here that among other enquiries as to failures, I addressed a letter to *Notes and Queries*.¹ For many years past this useful and carefully edited journal has published a large number of letters from various correspondents on the divining rod. Accordingly I

¹ *Notes and Queries*, Eighth Series, No. 248, p. 255. The case of a failure in Northumberland, quoted by an anonymous correspondent in the previous volume of *Notes and Queries*, p. 336, probably refers to the one I have given on p. 144.

asked to be informed by letter or otherwise of any cases adverse to the pretensions of the dowser. But I did not receive either publicly or privately a single reply in the direction asked for, though fresh instances of its successful use were given by subsequent correspondents, and other similar replies were sent to my private address.¹ It must, however, be borne in mind that (especially among amateur dowsers) one is more likely to hear of success than of failure²; and therefore an extensive and searching enquiry is necessary before any safe induction can be drawn. This must be my apology for the tedious length of the evidence cited, and the long delay in the publication of this paper. Protracted as this enquiry has been, it does not pretend to be a final one, but only the starting point for further and more exhaustive investigation.

Two points adverse to the dowser must be noted. One is that their general idea of the distribution of underground water is absurd. As a rule, they imagine springs exist like a buried treasure, or as Mr. Holmes says "like a pot of ancient coins," located to an area of a few square inches beneath the surface of the ground: or they believe these springs to be the source of narrow underground rivers, which they profess to trace to within an inch on either side. Underground water usually exists in wide saturated areas, as is fully explained in Appendix B. Nevertheless, the evidence cited in this paper shows, as is well-known, that narrow streaks of permeable water-bearing strata,—sand, or gravel, or rock,—or water-bearing fissures, do often occur in waterless localities, so that while water may not be found in one spot, it is found in another a few feet away, see *e.g.*, Nos. 11, 27, 42, 89, p. 108, etc. I am not a geologist, and may be wrong, but it seems to me that geologists have not sufficiently recognised this fact in their discussion of the subject.

The other fact adverse to the dowser is the failure or inconclusive character of test experiments; *e.g.*, those I have made with Stears and Rodwell, the one Professor Sollas made with Young, and those Mr. Watney made at Wimbledon with Gataker and H. W. Mullins. To this it may be replied that none of these dowsers are really in the first rank—like the late W. S. Lawrence and J. Mullins, (or Bleton of the last century); and, except Young (whose case has already been discussed) and Stears, they are all comparatively young and inexperienced. Moreover,—and this, I think, is the more cogent reply,—

¹ The *Waterworks and Investment Review* for May, 1897, contains an unsigned article on the divining rod in which reference is made to a complete failure on the part of some dowser; but no names or localities are given. I wrote to the editor to ask for these particulars, but received no reply.

² Of course professional dowsers give their "hits" and not their "misses" in their pamphlets, but their failures get sooner talked about for obvious reasons.

the conditions of the experiment did not sufficiently resemble the actual operations of the dowser in the discovery of underground springs.¹

After all, the best test that can be applied is the result of actual trials in finding water where water had not been found before the advent of the dowser. And here the evidence is so clear that I have not the least hesitation in saying that, had I to sink a well, I should prefer to have the precise spot selected by a good dowser rather than general advice given by a geologist,—*provided* that the depth of the well did not exceed, say, 50 feet, and the quantity of water required was for a private and not for a public supply.² Deep wells and large water supplies should always be left to the hydro-geologist.

As a practical and commercial test, the evidence afforded by the owners and agents of landed property who have employed an expert dowser is of considerable value. In several of the letters I have received this opinion is incidentally expressed. Thus the Treasurer of the Merchant Venturers' Society, Mr. G. H. Pope, writing to me from Bristol, p. 67, says:—

On the estates which I look after we always employ a dowser, and I do not recollect any instance of failure to find water; we never sink a well *before* using the rod.

The forcible opinion of the experienced bailiff to these estates (p. 50) has already been quoted. If these witnesses be considered biassed by local custom, this objection could hardly apply to an extensive Wiltshire land agent and surveyor like Mr. H. B. Napier, who writes, p. 149:—

I am so satisfied of the dowsers' power, that I should never dream of sinking a well without their assistance.

Or again take the opinion given on pages 86 and 120 of Mr. Harben, (now Sir Henry Harben), whose judgment as one of the directors of the New River Company and a business man of wide experience is certainly entitled to no little weight. Or the opinion of Sir Welby Gregory, Bart., (p. 97) who states that he prefers to trust to the dowser rather than to the geologist in sinking wells; or that of the Earl of

¹ If, as is asserted, dowsers can discover water running in pipes underground, the experiment ought to be capable of easy disproof or verification. This experiment I propose to try, though dowsers not being indigenous to Ireland makes the trial somewhat more difficult for me to bring about. It need hardly be pointed out that, if established, the fact adds enormously to the difficulty of whatever explanation be adopted. I am inclined to believe, in spite of the remarkable success which Bleton had in this particular experiment, that the results are due to indications unconsciously given by those who were conducting the experiment.

² The dowser will also, in most cases, take the risk of sinking a well on the condition that if the promised supply be not found the loss will fall on himself.

Winchilsea, given on the same page. Or of Captain Grantham (p. 126) who writes :—

I should not now think of sinking a well, when I was not sure of water, without the use of the divining rod.

Or of Mr. Clifford Gibbons (p. 88), who says :—

The thing is altogether a mystery to me, but certainly if I were to sink another well, I should get Mullins to select the spot, as I have spent very large sums of money almost fruitlessly before I knew him.

Again, there is the opinion of a man of affairs and large landed proprietor like Mr. Christie-Miller, whose wife writes, p. 77 :—

We are unable to quote an instance of failure with the divining rod, and can therefore speak most confidently in favour of water finding by the twig. We have seven wells sunk after marking by Mullins with his rod.

An astronomer, Mr. Leeson Prince, writes, p. 80, “I confess I have been converted to belief in the divining rod,” and then gives his reasons, and the same opinion is expressed by others, *e.g.*, Mr. Crump says (p. 82), “I became a convert against my will and so did others.” Mr. H. D. Skrine, D.L., states (p. 96), “I cannot resist the conclusion that it is a real gift possessed by some persons.” Captain Penry Lloyd writes, (p. 206), “From a profound sceptic, I am now a firm believer in the power of the rod,” and other similar expressions of opinion founded on experience might be cited, *e.g.*, Mr. F. T. Elworthy on p. 6.

It may be useful to contrast with the foregoing the opinion of a leading English scientific journal. In *Nature* of June 10th, 1897, the following comment appears *à propos* of the employment of a dowser at Ampthill, Bedfordshire.

It is depressing to think that there exist not only private persons, but public bodies, who put more trust in the wild assertions of charlatans than in the matured conclusions of science. The latest instance of gullibility of this character comes from Bedfordshire. . . . The decision [of the Local Government Board auditor] will assist perhaps in reducing the number of believers in the water-diviner’s art.

The editor of *Nature* will have cause to be still more depressed when he hears from the distinguished Bursar of Trinity College, Cambridge, Mr. R. T. Glazebrook, F.R.S., that his College has employed with success a dowser on one of their estates. Mr. Glazebrook kindly put me in communication with Mr. Reginald Woolley, of Lincoln, the College agent, who, in reply to my request for some particulars, writes as follows :—¹

Minster Yard, Lincoln, *June 20th, 1897.*

We determined to try the dowser,—who had been successful for my firm elsewhere,—before undertaking experimental boring.

¹ Owing to Mr. Woolley having been abroad for his health, his reply reached me too late for the insertion of this case in its proper place, Group IV.

I met John Mullins at the Farm (Walkeringham), alone with the tenant, on May 16th, 1893. I took him to the place which would be convenient as the site of a windmill pump to supply the farmstead. He soon passed a point at which the twig turned up strongly. He estimated the spring as fairly good, and from 60 to 70 feet deep. He marked other points, but we bored only at the first. A spring was found at 45 feet 9 inches, and others at about 80 feet, the depth to which we went. These springs yield an ample supply.

A point of interest is that the contractor for the boring, who was a local man quite unconnected with Mullins, stated that if the boring had been driven a few inches from the point fixed, the first spring would have been missed.¹

REGINALD WOOLLEY.

Mr. Woolley's brother also wrote to me as follows:—

South Collingham, Newark, June 24th, 1897.

We have employed the late J. Mullins for other clients than Trinity College, Cambridge, with satisfactory results.

I made use of his services in Gloucestershire on Lord Leigh's estate, where he found us an excellent and invaluable spring of water.

It may interest you to know that in one spot where he indicated water, I took the twig in my own hands and went over the same spot with no result.

He then took hold of my wrists without touching the twig himself and when we together walked over the same place, the twig turned up in my hands. This was, I suppose, caused by muscular action on my part, but if so, it was certainly, as far as I was concerned, perfectly unconscious action. My mental attitude was one of neutrality!

T. CECIL S. WOOLLEY.

The fact mentioned by Mr. Woolley in the latter part of his letter is also described by others, see p. 244.

It will be noticed later on that in *the discovery of metallic veins* there also exists a considerable body of evidence in favour of the practical value of the indications afforded by the rod; evidence that stretches back from the present time to the year 1540. But when we come to the other multifarious uses to which the rod has been applied in the past, such as the finding of buried treasure, of lost property, of strayed cattle, the settlement of disputed boundaries, the tracking of criminals, and other uses in the moral world,—all of which were rampant two centuries ago,—its history will be seen to have been a very chequered one, ever apt to degenerate, as it once did, into a mischievous superstition. Even at the present day, owing to the impulse that moves the rod being apparently derived from an unseen external source, some perfectly honest dowsers will tell you they can find the difference between a bucket of spring or rain water (*e.g.*, No. 30),

¹ How the contractor knew this is not stated: I do not dispute the fact, as similar statements by others abound, but the reason should in each case be given.—W.F.B.

can discover hidden coins, buried treasure and buried objects of all kinds, can trace underground gas pipes and electric cables, find the place where you intended to hide an object, or the spot on which you have breathed, or on which a ray of light has fallen, etc. ! In a few of these things the reading of natural signs, such as the disturbed surface of the ground, or of unconscious signs or thought-transference from those who knew the position of the object searched for, will explain such success as is observed ; but otherwise, needless to say, failure is absolute, when chance coincidence is excluded and a rigid investigation made ; proof of this will be given subsequently.

PART VI.

THEORETICAL CONCLUSIONS.

These remarks will help to clear the ground, and enable me presently to give a brief enunciation of the provisional laws which appear to me to embrace the whole of the phenomena of the divining rod. It is, however, desirable that the reader should bear in mind that the subject before us is necessarily a most entangled one, and that the usual rough and ready explanations, given by the scoffer on the one hand and the believer on the other, are wholly inadequate from any rational point of view. Problems of considerable scientific interest appear to be involved.

(i.) Few will dispute the proposition that the motion of the forked twig is due to unconscious muscular action. When the rod is held in the manner described by Cookworthy (see Appendix C), as was the custom up to recent years, it is more or less in a *sensitive state* (p. 11), and an unintentional and almost imperceptible approach of the two hands will cause it to turn upwards. But this is not the case when the rod is held as J. Mullins used to hold it, or as many other dowzers hold it at the present day. I have tried, and asked many friends to try, to rotate the rod under these circumstances, and it is certainly most difficult to produce any motion of the twig without a very visible motion of the hands. This, however, is not all. Both with practised professional dowzers like Lawrence and J. Mullins, and with amateurs like the Rev. J. Blunt, Lady Milbanke, and others, the forked twig not only rotates, but one limb is frequently twisted completely off by the force with which it is driven round and round ; see *e.g.*, Nos. 1, 4, 12, 18, 45, 53, 60, 107, 115, and pp. 57, 110, 133. How is this to be explained ? A good deal depends on the thickness of the twig. This varies ; some dowzers use a thickish forked stick, others a much more

slender one. The twig that Colonel Waring, M.P., sent me, which was the actual one he had seen thus twisted and broken in the hands of Mullins, is about as thick as a cedar pencil in the thickest part and tapers off; the exact dimensions are given in the foot-note to p. 79. Using this twig neither I, nor any muscular friends who tried, could in the least imitate the effect produced by Mullins. One side must of course be rigidly held and the other allowed to rotate, and the fists must be kept practically still. Any one can cut a forked twig and try the experiment; the only advantage of hazel is that the two limbs are more symmetrical in size, and the wood is tough. One witness states that even when the rod was held between pincers (bottom of p. 86) "the contortions still went on."

Certainly no voluntary effort, without long and laborious practice at legerdemain, could produce an effect corresponding in kind or degree to that which actually takes place in the cases cited. We may compare it, as regards the kind of motion, to the involuntary pressure exerted by the "medium" or agent, which guides the percipient in the "willing game," or the quasi thought-reader in writing down the number of a bank note,—a sub-conscious pressure that cannot be intentionally imitated by voluntary effort. And so also, in degree, the amazing force with which the twig is sometimes twisted, without apparent cause, is like the extraordinary and involuntary spasm of muscular power, which often occurs in cases of hysteria or in moments of great excitement, and which cannot be repeated at will in the ordinary state.

(ii.) There is also another curious point which cannot be disputed, for it rests not only upon the testimony of numerous credible witnesses at the present day and in England alone, but, as historical investigation has revealed, goes back to a remote period and was as noticeable with Bleton, in Dauphiny, in 1780, as with Mullins, in Wiltshire, a century later. This is the apparent transmission of the power to twist the rod from the dowser to another person whose wrist he grasps. The twig, hitherto passive, immediately begins to move in the hands of the second person, without conscious effort on his part, and in a manner he could not imitate at will; among other instances which are given, see Nos. 53, 61, 83, and pp. 35, 242. Here also the directive action may be analogous to the faint sub-conscious muscular pressure that is transmitted from the agent to the quasi thought-reader. In any case the phenomena described in this and the two preceding paragraphs seem worthy of more careful investigation by the trained physiologist.

(iii.) The same remark applies to another interesting characteristic of dowsing, which is as follows. A successful dowser has to "set" himself (as some term it), when he uses the rod or trusts to his sensations in dowsing. By this he means rendering himself as far as

possible oblivious to the ordinary stream of sense impressions; making his mind as passive, as effortless, and as much a *tabula rasa* as he can.¹ A psychical state appears to be set up, analogous to that which a good subject in the "willing game," or in telepathic experiments, is able to bring about. This is a well-known condition of automatism. Just as when the sun sinks the stars become visible, so the dark continent within us, the large unconscious background of our life, only emerges when the light of consciousness is dimmed. A good dowser is largely an automatist and the rod is a convenient form of autoscope.

Further it is occasionally noticed in the so-called willing game that a sense of *malaise*, a faintness and trembling, sometimes even a more serious nervous shock, is exhibited by a successful subject (see *Proceedings S.P.R.*, Vol. I., p. 57, etc.). A similar physiological disturbance is still more frequently exhibited by the dowser. For one of the curious and well-attested facts revealed in the course of this enquiry is that an obscure pathological or sensory effect, sometimes resulting in a convulsive action either of the limbs or epigastric region, is exhibited by the dowser when he is on the "scent."² This cannot be a stage effect, nor a traditional idea transmitted from one dowser to the other, for it crops up in all parts of Europe and will be found amongst the most illiterate dowsers, from the time of Jacques Aymar in 1692 to Bleton a century later, and is exhibited to-day by dowsers in the country districts of England. I have given historic and contemporary evidence of this in Appendix D, but the reader will have noticed how this sensory effect is referred to incidentally in some of the evidence already cited. The asserted sensations may be due to causes purely imaginary on the part of the dowser, but to what association of ideas is this widespread illusion due? It seems more probably a genuine physiological disturbance, due to a psychological cause common to the group of sub-conscious phenomena of which the divining rod is a remarkable type.³

¹ That a partial hypnosis occurs with some dowsers is very probable. I have referred to this elsewhere.

² The sympathetic nervous system, especially the solar plexus, appears to be the chief seat of the disturbance with the dowser, as it is also frequently asserted to be among so-called clairvoyantes in the hypnotic state.

³ In an article published in *Light* for August 4th, 1883, p. 349, it is stated that Professor Lochman, of the University of Christiania, who is described as a distinguished physiologist, recently read a paper on the divining rod before a scientific society in Christiania, in which he stated that his scepticism on this subject had lately been overcome by the discovery that he himself could use the rod successfully. He had personally tested its indications over and over again, and was now convinced that a peculiar gift, of which he could give no explanation, was possessed by certain persons that enabled them to find underground water. He thought the phenomenon was of a *physiological* nature, an opinion with which Professor Monrad, an eminent *confrère*, agreed. I should be grateful if any friends at Christiania could send me particulars of the foregoing report.

(iv.) Another point that appears worthy of enquiry is, why should the rod move in the hands of some persons and not with others? In the answer to this there is, of course, involved the whole phenomena of automatism, and the general theory of autoscopes, like planchette, etc. Reliable statistics are wanting as to the number of persons in every hundred who can use the rod. Amoretti, working in Italy towards the close of the last century, states, in his *Storia della Rbdomanzia*, that he found 20 per cent. of the persons he tried had the "gift." Sementini, Professor of Chemistry in the University of Naples, who published a short treatise on the rod in 1810,¹ thinks this estimate too small, and that probably in 4 out of 5 persons the rod will move successfully: but I prefer Amoretti's estimate. The children of dowzers almost invariably can manipulate the rod; they have "caught the trick," or "inherited the instinct" from their father,—the reader will take which view he pleases: probably there is some truth in both points of view.

(v.) We have now to consider *what determines* the automatic motion of the rod; what pulls the trigger? The first point to be noticed is the *prior intention of the dowser*. As Malebranche pointed out two centuries ago, the rod moves only for that particular thing the diviner has the intention of discovering. When Jacques Aymar was in search for underground water, his rod was unaffected by the track of a criminal, or *vice versâ*. And so to-day, if a mineral lode be the object of quest, a sheet of underground water may be passed over without any effect on the dowser or his rod. The object to which the dowser "sets" himself is the determining factor in the unconscious movement he imparts to the rod.

Precisely similar is the preconceived idea that *electricity* is the cause of the motion of the rod, an idea entertained by most dowzers and by others ignorant of physics. Dr. Thouvenel was the first to suggest this explanation in 1781, nor did the complete experimental disproof of his explanation, given by some distinguished physicists in Paris at the time, much affect his belief. "I strongly suspect it is the devil; but if not, it must be electricity" is still the explanation given by multitudes who encounter any phenomena outside the daily range of their somewhat limited experience. Hence it is improbable anything I can say will disturb so widely cherished and so simple a faith. Lest, however, I myself should be accused of sacrificing truth to a preconceived idea, I made some direct experiments on this very point, visiting the N.E. of Ireland for the purpose of meeting an unsophisticated amateur dowser, who, with his master, strongly held to "electricity." It is needless to detail my experiments; suffice it to

¹ *Pensieri e Sperimenti sulla Bachetta Divinatoria*, p. 24.

say that when the dowser believed I had insulated him from the earth, the rod ceased to move; when he believed he was electrically connected with the earth, the rod promptly moved. Nevertheless, in the former case he was, unknown to himself, uninsulated and in the latter insulated. It was the dowser's idea, and not electricity, that moved the rod.

That the motion of the divining rod is determined by a fixed but sub-conscious idea is seen again and again in a historical study of our subject. The most striking example of this will be found in the precisely opposite behaviour of the rod claimed by some now, and by those who used it in the search for metals 150 years ago. Some assert when a *similar* metal to that in the vein was held in the hand, it arrested the motion of the rod; others that a similar metal held in the hand had no effect, but a *dissimilar* arrested the rod.¹ Again take the following from Dr. Mayo, F.R.S., who, in 1847, made some experiments with the divining rod when he was staying at a watering place in Russia. Four or five persons were found in whose hand the forked twig moved, though they had, presumably, never seen a divining rod before. With one of these the rod moved in the orthodox way whether he walked backwards or forwards, with others the rod reversed the direction of its motion when they walked backwards.² Dr. Mayo then says:—

I tried some experiments, touching the point of the rod with a magnetic needle. I found, in the course of them, that when my man knew which way I expected the fork to move, it invariably answered my expectations; but when I had the man blindfolded, the results were uncertain and contradictory. The end of all this was, that I became certain that several of

¹ In a little work on the divining rod by an American engineer, Mr. Latimer, C.E., it is stated that a Mr. Sangster, of Tennessee, wrote to the author in 1876, that he had been 50 years experimenting with the rod, and added "I can tell to a certainty whether I am over any substance, either water or mineral. . . . I find out by taking a sponge and saturating it with ordinary water, putting it on the top of the rod; if the substance beneath be water of the same kind, it will turn much stronger. If the rod should not turn at all, it will be some other substance, either mineral or metal. The tests are made in the same manner for metals. I put a piece of metal on the top of the rod,—iron, lead, silver, copper, etc.,—until I find one of these that will cause the rod to turn in a manner sufficiently strong;—that indicates the same metal underground." Mr. Latimer, who could also use the rod, says that after receiving this letter he made similar experiments, and arrived at the conclusion that Mr. Sangster's statements were quite correct! "I took a wet rag," he remarks on p. 81, "and fastened it on to the top of the twig or divining rod; I found the rod turned over a cistern of water, but would not turn over iron pipes. I then put a key at the end of the rod over the wet rag; now the rod at once turned over the iron pipes." Contrast this with the opposite results given by Cookworthy, etc., in Appendix C! Mr. Latimer also says, "Upon insulating myself there was no motion of the rod, which proves the motion is due to electricity." Contrast Mr. Blunt's experience, given on the top of page 27, when he was insulated by thick rubber shoes.

² See also an example of this I have given in No. 13, p. 38.

those in whose hands the divining rod moves [unconsciously] set it in motion. In walking forwards the hands are unconsciously borne towards each other ; in walking backwards, the reverse is the case.¹

A curious example of the influence of unconscious intention is to be found in Priestley's old work on Electricity. A distinguished scientific man, Dr. Grey, in 1736 thought he had discovered the fact that light bodies, when suspended and electrically attracted, always moved from west to east. This Grey thought was the secret of the mechanism of the heavens and he sent his results to Dr. Mortimer, the Hon. Secretary of the Royal Society. Dr. Mortimer repeated the experiments and obtained similar results.² Dr. Wheeler, however, repeated with great care the experiments and showed that a preconceived notion or the desire to produce this particular movement of an electrified body, really determined its direction, unknown to the experimenter. For the movement was only produced when the body was suspended from the experimenter's hand, but *not* when it was suspended from a fixed support. It was in fact a form of *pendule explorateur*,—usually a ring suspended by a thread and thus held by the fingers in a glass ; this will often strike the hour of the day or oscillate in a determined direction. The motion of the divining rod and of the *pendule* are equally due to a latent prior intention and unconscious muscular action.

What then, it may be asked, remains to be investigated if this be the key to the mystery ? The answer to this has already been given in the survey of evidence cited, where the success of the dowser remains to be explained. Is this merely due to his practical knowledge of the signs of underground water ?

(vi.) The opinion that certain appearances on the surface of the ground do indicate the site for shallow wells,—*i.e.* the existence of underground water comparatively near the surface—as other appearances also indicate underground metallic veins, has long been entertained, and with more or less justice. Mr. De Rance, on p. 234, has already referred to one of these signs, and Paramelle, in his work on the Discovery of Springs, to which reference is made in Appendix B, quotes several of these traditions. In the treatise on Wells in Weale's series, 7th edition, 1877, p. 22, it is stated, as a guide to the well sinker :—

(1.) That when the grass is of a brighter colour on one part of a field than another, or when in ploughed ground the earth is of a darker hue in one place, water may be suspected below.

¹ Mayo, *Truths contained in Popular Superstitions*, p. 19.

² See Priestley's *Electricity*, London, 1775, p. 60, *et seq* ; also *Phil. Trans.* of the Royal Society (abridged edition), Vol. VIII., pp. 404, 405, and 418.

(2) That when gnats hover in a column at a definite height above the ground, a spring will probably be found below that spot.¹

(3) At all times of the year a greater humidity is said to exist over the places where subterranean springs exist, and hence in the early morning or evening a denser cloud of vapour will be seen at those spots. It is said well sinkers in Northern Italy determine the site for a well by lying on the ground and looking towards the sun in the early morning; wherever the exhalation of vapour from the ground is seen to be more copious, that spot is selected.

This last appears to have been an ancient practice; the power of detecting the vapour doubtless varies with different people; moreover some appear to have an abnormal sensitiveness and it has even been supposed that they are able to perceive it by other methods than sight; see *e.g.*, the letter quoted at the end of Appendix D.

Thus also the learned Jesuit Dechales, in his *Mundus Mathematicus*, which was published in Lyons in 1674, states in Vol. II., p. 190, that a certain noble person, whom he knew, could not only find springs by the bending of a forked twig of hazel, "so surely that he could trace the whole course of the underground water; but he had also other signs, for he used to detect a vapour issuing from the earth, and by this means immediately pointed out the head of the spring." Owing to the wonderful power of discernment of this ancient amateur dowser, Dechales says:—"At first I suspected he had a compact with the devil, but when I observed no incantations nor sorcery, I suspended my judgment, as there are many things we know to be true, but cannot explain."²

This philosophical remark of Dechales' may also be applied to the well known idiosyncracies of certain persons which afford an instructive parallel, the faintest trace of certain odours or the presence of certain animals, etc, being instantly detected by, and often causing extreme discomfort to, such persons, who are abnormally sensitive in one direction. Probably a divining rod held by these sensitives would be unconsciously and vigorously moved by them, in the

¹ There is also a curious tradition referred to by the late Dr. Brewer, and used by Thomas Moore in one of his poems, that in Arabia the *lapwing* indicates the presence of an underground spring. I have not, however, been able to obtain any confirmation of this tradition. In "Lalla Rookh" Moore sings:—

"Fresh as the fountain under ground,
When first 'tis by the lapwing found."

A note explains: "The *hudhud*, or lapwing, is supposed to have the power of discovering water under ground."—W.F.B.

² This passage translated from Dechales is the earliest account I can find of the successful use of the divining rod for the discovery of springs. (See Appendix C.) Dechales was a man of marvellous erudition, as seen by his folios on mathematical physics.

presence of the obnoxious object, and thus reveal it, even before the sense of discomfort had risen to the level of a conscious impression.

Doubtless in all these cases the impression comes through one of the recognised channels of sense ; in the same way as acute vision enables some persons to detect distant objects, invisible to others, or an acute sense of smell enables the bloodhound to trace the footsteps of a fugitive. The Zahories of Spain were credited with a miraculous sense of vision¹: a writer in the *Quarterly Review* (Vol. II., p. 264) says, "The Zahories, by attending to indications which escape the less experienced eye, are able to give a tolerable guess of underground waters. Something similar is told of the Arabs of the desert . . . who have the faculty of discovering distant wells by signs which do not affect the senses of Europeans." The camel is said to have a similar power of discovering unseen water.

According to Professor Milne, who was for many years Professor at Tokio in Japan, and has devoted his life to a study of seismic phenomena, the faint preliminary tremors of an earthquake, detected by extraordinarily sensitive apparatus, are perceived by pheasants, geese, ponies and some other animals. Professor Milne states that "the late Professor Sekiya, of Tokio, kept pheasants in order to observe their behaviour at the time of earthquakes, with the result that he found they gave him a few seconds' warning of shocks of local origin by screaming."

In the United States dowsers are often used to find mineral oil springs and are called *oil-smellers* ; though it is probable keen observation rather than a keen sense of smell is employed. So, too, in parts of Ireland I am informed that the local fishermen term the look-out man who apprises them of the approach of fish the *herring-smeller*, though I imagine in this case it is unquestionably the sense of sight, and not of smell, that is concerned.

It is possible, therefore, that the professional dowser has the power of detecting signs of underground water which escape the ordinary observer, and as this power would be trained by long practice at one employment, part of their success may fairly be taken to be due to this.

¹The only authentic reference in history to the Zahories which I have been able to find is in Delrio's Latin folio on Magic, published 300 years ago. In a passage which will be quoted in the subsequent historical paper, Delrio says in 1575 he met one of these Zahories in Madrid, and that the man could see underground metals, water, and buried corpses. No evidence is however adduced, but it appears to have been a long standing tradition with this tribe of Spanish gypsies, as they probably were. Delrio says the facts are "most fully received and well known," and he adds, "the Zahuris probably know veins of water from the vapours exhaled at those places morning and evening, and veins of metal from the kind of grass growing there ; but treasure and corpses I consider are indicated by demons."(!) Delrio spells the word Zahuris, and says, "the redness of their eyes is particularly to be observed."

But it does not cover all the ground. The supposition of Mr. Holmes that professional dowzers have a hereditary practical knowledge of the geological features which indicate the presence of subterranean springs has no support; Lawrence was a stonemason, so was Mullins, Tompkins was a farmer, Stone a drainage artizan, Stears a gas-engineer, etc. The fathers of none of these were dowzers, nor did they know any of the secrets of their craft, if such exist, when they scored their early successes. Mr. Holmes, however, very justly points out that uneducated persons, as many of these dowzers are, usually imagine themselves the possessors of abnormal gifts when they find they can discern natural signs overlooked by the ordinary observer, and further they exaggerate their success by regarding the underground water, which may really extend over acres or square miles, as if it were only a few square inches in area, and located at one spot like a buried treasure. But, as already remarked, the striking successes of the dowser in finding water where none existed in adjacent wells is probably due to his discovery of fissures, or jointing, or water-bearing veins. But the same problem meets us: how is he able to discern from a superficial inspection of ground, often entirely new to him and sometimes covered with snow (No. 103, p. 151), the signs which indicate these interruptions of continuity in the strata below? See *e.g.*, Nos. 57, 88, etc.

(vii.) The question then before us is whether the success of a good dowser is only due to his practical knowledge of surface water-bearing localities, indications being perceived by him that escape an ordinary observer; or to some peculiar instinct or faculty, the explanation of which involves considerations new to science. Mr. Holmes, F.G.S., writes to me to say that, "looking at the professional dowser as the possessor of an ancient practical knowledge of surface water-bearing beds, I should expect him to be right in detecting them 19 times out of 20 . . . but when they trust to their sensations to 'locate springs' in the water-bearing bed, they become the victims of delusion."

Four methods suggest themselves at first sight in order to test whether the pretensions of the dowser have any more solid basis than chance coincidence, or shrewdness gained from long experience at one vocation. The successful issue of any of these tests would go far to prove the dowser was not a charlatan, but the tests 1 and 3a would only show that his success might be due merely to a useful practical knowledge of water-bearing localities. The suggested tests are:—

(1) Separate and entirely independent examination by different dowzers.

(2) Blindfolding the dowser with care and taking him over the ground again; or repeating the trial on a dark night.

(3a) Geological opinion as to whether water is, or is not, likely to be found on the spots and at the depths indicated by the dowser; *i.e.*, agreement of geologist and dowser. Or, more conclusive (3β), dowser *versus* geologist,—water actually found at the spot and about the depth predicted by the dowser, in spite of geological opinion to the contrary.

(4) A well or boring made to a corresponding depth in the immediate neighbourhood of where water has been found by the dowser, but at a spot where no spring was indicated by the dowser.

All of these tests, successfully made, are to be found in the course of the evidence in the foregoing paper, *e.g.*,

Test 1 in Nos. 6 ; 7 ; 17 ; 23 (p. 47) ; 46 ; 54 ; 63 ; 70 and 135.

Test 2 in Nos. 2 ; 6 ; 17 ; 25 ; 45 (p. 70) ; 69 (p. 95) ; 73 ; 74.

Test 3β, in Nos. 42 ; 52 (pp. 78 and 106) ; 58 (pp. 85 and 117) ; 73 ; 88 (p. 128).

Test 4 in upwards of 50 of the cases cited.

But these tests are of very different value. Tests 1 and 2 are liable to be vitiated by sign-reading or thought-transference from the bystanders (assuming telepathy to be a *vera causa*). Test 3a is occasionally quite misleading, as the Horsham and Waterford experiments, and other cases of 3β, illustrate. The most reliable test is the last named, namely, borings in adjacent places made either before or after the advent of the dowser. The existence of such borings has chiefly influenced me in the selection of the evidence presented in this paper.

Let me, therefore, enumerate the cases where adjacent wells or borings, which yielded little or no water, had been made to at least the same depth as the successful wells or borings located by the dowser. So far as I am able to judge, 40 of these may be regarded as good evidential cases; these are:—

<i>With Miscellaneous dowsers</i>	Nos. 3a ; 9 ; 10 ; 11 ; 17 ;				
	23 (?) ; 24 ; 25 ; 26 ; 27 ; 28 ...	...	...	...	Total, 11
„	<i>W. S. Lawrence</i> Nos. 42 ; 43 ; 47 ; 48	...	...	„	4
„	<i>J. Mullins</i> Nos. 52 (p. 78 and 106) ; 55 ; 57 ; 58				
	(p. 85 and 117) ; 60 ; 62 ; 65 ; 67 ; 73 ; 75 ...	...	...	„	10
„	<i>H. W. Mullins</i> Nos. 77 ; 81 ...	...	...	„	2
„	<i>W. Stone</i> Nos. 86 ; 88 ; 90 ; 91 ; 96	...	...	„	5
„	<i>B. Tompkins</i> Nos. 99 ; 102 ; 105	...	...	„	3
„	<i>L. Gataker</i> Nos. 120 ; 121 ; 122	...	...	„	3
„	<i>Other dowsers</i> Nos. 130, 140 ...	...	...	„	2

It is quite possible that further local or geological examination may lessen the significance of some of these cases; but on the other hand, the evidence presented is only a small portion of what might be obtained by a wider and more exhaustive enquiry. It will, I think, be admitted by every candid and careful reader that the evidence on the whole affords a strong *primâ facie* case on behalf of the existence of some peculiar instinct or faculty in certain individuals, the explanation of which is not to be found in the narrow region of the dowser's conscious experience, but in the wider realm of his sub-conscious life.¹ Whether this faculty, which we may provisionally assume to exist, is so rare as it appears, whether it is hereditary, or whether it can be exalted by cultivation, are questions to be answered in the future.²

The explanation of the divining rod is therefore probably a complex one, and its full discussion cannot be appreciated until the reader is in possession of the historical evidence to be adduced in a subsequent paper. Here it will suffice to say that doubtless a *sub-conscious suggestion*, of some kind, evoked in the dowser's mind, excites the reflex action to which the actual movement of the rod is due. The evidence shows that this suggestion cannot come only from a capricious idea in the dowser's own mind, but is also derived from an impression he gains from without: how far that impression is correlated to the object of his search, and if so, how much is due to practical knowledge, and how much is due to some unknown cause or unrecognised instinct, are questions which can only be solved by a careful study of ample and trustworthy evidence. Cases such as the Waterford and Horsham experiments, where special precautions were taken, and the ground was entirely new to the dowser, or some of Stone's cases, such as those on pages 128 and 129, and others, tend to exclude the idea of any information being derived from surface indications or practical knowledge, and suggest either a novel and useful instinct on the part of the dowser, or that his perception is due to some physical effect associated with underground water. The recent discovery of a new type of obscure radiation from certain bodies, such as uranium salts, and also from numerous common bodies with which we are surrounded, renders it conceivable that a radiation, to which opaque bodies are permeable, may be emitted by water and metals, which unconsciously impresses some persons. The great difficulty in

¹ "The sum total of our impressions never enters into our *experience*, consciously so-called, which runs through this sum total like a tiny rill through a broad flowery mead. Yet the physical impressions which do not count are *there*, as much as those which do." Prof. W. James' *Text-book on Psychology*, p. 217.

² It must not be assumed, let me repeat, that ability to twist the rod necessarily indicates the existence of a dowsing faculty in the operator. The motion of the rod is an outward and visible sign of an inward and psychical state due to various causes.

the way of this, or any physical hypothesis,—a difficulty which would be insuperable but for the fact that no hypothesis can be purely physical where human automatism plays so large a part—is that which Malebranche pointed out 200 years ago, viz., that exposed running water and exposed metals ought to produce a still greater effect than those that are underground and further off, and yet the dowser appears for the most part insensible to these.

Assuming the actual motion of the rod to be caused by involuntary muscular action, a summary of the causes determining that motion, excluding of course cases of fraud or self-delusion, may, in my opinion, be given as follows :—

(1) In every case the *direction* of the motion of the rod, upwards or downwards, and probably in all cases the motion itself, will be found to arise from a suggested or preconceived, but usually latent, idea in the dowser's own mind. It is the unconscious emergence of a fixed or derived idea registered in, or made upon, the sub-conscious self.¹

(2) In some cases (such as those already alluded to, finding coins, etc.) an idea is unconsciously conveyed to the dowser's mind by almost imperceptible signs, unintentionally made by those present ; or by (3).

(3) In many cases, an impression from without, derived through the ordinary channels of sensation, appears to be unconsciously made upon the dowser by faint indications associated in the dowser's mind with the particular object of his search. These indications,—usually visual, or it may be a vague diffused sensation,—would probably entirely escape the bystander : the impression that comes in through the sensory apparatus going out through the hands of the dowser without recognition or conscious effort on his part. Added to this we have the ordinary observing power of the dowser, trained by years of continuous practice at one particular occupation, and constantly confirmed or corrected by the results of his previous trials.

(4) In other cases, however, an impression from without appears to be gained, *not* through the ordinary channels of sensation. Thought-transference will, I believe, be found to receive remarkable

¹ An amusing illustration of the effect of suggestion in determining the motion of the rod is given by Mr. E. B. Tylor, D.C.L., F.R.S., (*Nature*, May 17th, 1883, p. 58); the suggestion in this case arising purely from an association of ideas. Mr. Tylor remarks that he does not believe that the dowser fraudulently moves the rod, but that slight movements of his hands unconsciously cause the twig to turn, and he adds, "I noticed that, when I allowed my attention to stray, the rod would from time to time move in my hands in a way so lifelike that an uneducated person might well suppose the movement to be spontaneous."

confirmation from experiments with the dowsing rod. But only here and there can this agency be even supposed in the evidence cited in this paper: it may occasionally come into play in finding hidden coins, or tracing the direction of underground pipes conveying water.¹

(5) There appears to be evidence that a more profound stratum of our personality, glimpses of which we get elsewhere in our *Proceedings*, is associated with the dowser's art; and the latter seems to afford a further striking instance of information obtained through automatic means being often more reliable than, and beyond the reach of, that derived from conscious observation and inference.² The whole of the evidence cited, in my opinion, cannot be explained away merely by the practical knowledge of the dowser, nor by the explanations given in 1, 2, 3, and 4.

In some cases a peculiar pathological effect is produced upon the dowser, often strong enough to rise to the level of consciousness and even discomfort; or it may be so weak that it is not perceived, though sufficient to start the motion of the rod.³ This effect *appears* to be associated with the object of the dowser's search, and may be merely due to nervous excitement, or a secondary result of some hitherto unsuspected impression made upon the nerve centres of certain individuals. Whether, if this latter be the case, it can be traced to an abnormal sensibility of one or other of the recognised channels of sensation, resembling the hyperæsthesia of hypnotised subjects, or is due to some more transcendental psychological condition, or, far less probably, to some physical cause, can only be conclusively ascertained by a persevering and unbiassed investigation, which this paper may perhaps help to stimulate.

¹ The fact that the water must be running and not stagnant (see Nos. 56, 74, etc.), suggests that hearing, or possibly a slight tremor produced by the running water, may be the means whereby the desired information is picked up by the sub-conscious or secondary self. Sir Philip Smyly, M.D., told me of a hyperæsthetic patient of his, who heard and repeated to him the words he had uttered in a low voice two floors below, and with closed doors between. Hearing in such cases is beyond the normal power of strained attention, as any one can prove. The most remarkable instance of the dowser's power of tracing underground water pipes, conveying running water, occurred with Bleton and will be given in the subsequent historical paper.

² Numerous cases of extraordinary subliminal perception are given by Mr F. W. H. Myers in his essays on the subliminal self published in our *Proceedings*. The frequent success of the dowser in forecasting the approximate *depth* of springs is remarkable (see pp. 62, 76, 109, 119, etc.); but it needs somewhat more evidence to eliminate local knowledge and chance coincidence.

³ See Appendix D.

APPENDIX A.

THE WORDS "DOWSE" AND "DOWSER."

The origin and derivation of these words is at present unknown, according to all our best dictionaries.¹ I have applied to Dr. Murray, editor of the new *Oxford English Dictionary*, for the latest results of etymological investigation upon the word, and he tells me that these results are at present absolutely *nil*. The part of the dictionary containing the word, though printed, is not yet published, and I am indebted to Dr. Murray for kindly allowing me to see the proof-sheet and for liberty to make the following extract here:—

"DOWSE (dauz) also *dowze*, *douse*,—Derivation unknown; apparently a dialect term. To use the divining or dowsing rod in search of subterraneous supplies of water or mineral veins. Hence *Dowsing* vbl. sb.; Dowser, one who uses the divining rod, or water diviner; *Dowsing* rod, the rod or twig used by dowsers. 1691. Locke (*Lower Interest*, p. 40) 'Not of the nature of the *deusing rod* or *virgula divina*, able to discover mines of gold and silver.' 1838. Mrs. Bray (*Tradit. Devonsh. III.*, p. 260), 'The superstition relative to the *dowsing* or divining rod, &c.'" [A series of later examples of the use of the word follows down to 1894.]

It will be noticed that the word in a slightly altered spelling goes back to the end of the 17th century, but that no quotations are given of its use in the 18th century. Dr. Murray has asked me if I can supply any, but I cannot.² There is a long account of the divining rod and its manner of use in Hooson's *Miner's Dictionary* (1747), and in Pryce's great work on Cornish mines (1778), but in neither work is any mention made of the word "dowser" or "to dowse." Neither is

¹ The *ws* in *dowse* is pronounced like the same letters in *browse*. The word *dowse* must not be confounded with the word *douse* (pronounced to rhyme with *house*) which has various meanings in our language. and, according to Dr. Murray, has no etymological connexion with *dowse* or *dowser*.

² Since this was printed, I have found the word *josing* mentioned at the close of the 18th century by Billingsley in his *Survey of the County Somerset*, Bath, 1797; he says the miners in the Mendip Hills use the divining rod, "which they call *josing*, etc.;" he goes on to speak of their complete faith in its efficacy,—a faith which is as strong among the miners in the Mendips to-day as it has been for the last 250 years. Locke's acquaintance with the word *dowsing rod* may be accounted for by the fact that he was a native of Somerset and born under the shadow of the Mendips. The published copy of Locke's letter on *Lowering of Interest* in the British Museum is dated 1692, and the page on which the word "deusing rod or *Virgila (sic) Divina*" occurs is 127, not 40, as given above.

there in Borlase's *Natural History of Cornwall* (1758,) where the divining rod or *virgula divinatoria* is referred to; neither is there in the *Gentleman's Magazine* of 1751, where there is a lengthy description of the rod; nor are the words used in the account of the divining rod in North Wales, given by Pennant in his *Tour in Wales*, 1770, nor in a similar work by Mr. Evans in 1800, nor in Emerson's account of the rod in New Hampshire (U.S.) given in 1821, nor in the lengthy and detailed paper on the rod given in the *American Journal of Science* for 1826. Moreover in the earliest English accounts of the divining rod which my investigations have recently brought to light, viz., Childrey's *Britannia Baconia, or Natural Rarities of England*, 1660, G. Platte's *Discovery of Subterranean Treasure*, 1638, and the extract from Boyle's works, 1663, to be given later on, there is no mention of the word deusing, or dowsing rod, or dowser. The use of the word *deusing rod* by Locke in 1691, is therefore remarkable and apparently unique, until we come to 1830, when the word is used freely in the *Quarterly Mining Review* of that date, Vol. I.

In the glossary of Pryce's work already mentioned, and also in the glossary to Borlase's *Cornwall* (1758) occurs the Cornish word "*dizzue*, to discover unto; to dizzue a lode is to discover or expose the good ore." Looking at Locke's "deusing rod," I thought that possibly a "dowser" might originally have been a "dizzuer" of a lode. But Dr. Murray tells me that this word *dizzue* is entirely irrelevant, and neither in sound nor sense allied to *dowse*.¹ The same remark, Dr. Murray says, applies to the well-known word "douse," which is common in Cornwall for dipping or lowering, as "douse the sail." Dr. Murray also points out that we must not make too much of Locke's spelling, since the word occurs in a single passage, and may be merely a misprint for *dousing*, which in the case of an unknown word might easily happen. Such instances are not at all uncommon. But it may also be founded in the Somerset and Devon pronunciation, since in these dialects *ou* or *ow* is often sounded in a way that a "foreigner" might mistake for *eu* or *ew*. De Quincey and some other writers of the present century have spelt the word *jowser* or *jouser*, and we learn from the *West Somerset Wordbook*, by Mr. Fred. T. Elworthy, in which there is an interesting article on the word *Dowse*, that this is a real dialect pronunciation in some parts of the county. De Quincey's suggestion that the slang word *chouse*, to swindle, may be derived from the "jowser," regarded as a charlatan, is absurd and baseless (see *CHOUSE* in *Oxford English Dictionary*); but it may be

¹ An incidental evidence of the marvellous range of Dr. Murray's Dictionary is shown by the fact that this word "dizzue" and Pryce's references thereto are all quoted in this Dictionary, as I see from the proof sheets Dr. Murray sent me when I ventured to suggest this origin of the word "dowse."

responsible for the fact that (as I am informed) in the *Geological Survey of Great Britain*, the *dowsing rod* is called the *chousing-fork*, which has certainly no local support in any dialect.

Two conjectures as to the possible etymology of the term *dowsing rod* occurred to me, but I fear they must be dismissed, as the distinguished philologists to whom I ventured to submit these conjectures regard them as valueless.¹ It may, however, be useful briefly to refer to them here, as collateral questions of interest are opened up.

It is well known that the English language was not spoken in Cornwall till the middle of the 16th century. At the close of that century, when the *virgula divina* was introduced by the German miners into Cornwall, the Celtic Cornish language was still widely used. The Cornish miners might therefore naturally call the rod by the nearest Cornish equivalent to the Latin name. In Williams' *Lexicon Cornua-Britannicum*, a dictionary of the ancient Celtic language of Cornwall, as Mr. E. Westlake first pointed out to me, the Cornish word for "Divinity, Godhead," is "*Dowses*," and Williams gives also another form, "*Dowsys*." Pryce in his glossary of Cornish words gives "*Deuyse*" for goddess. One might conjecture, therefore, that the "divining rod" or, as some early writers called it, the "divine rod," might to the Cornish miners become the "dowses-rod" or "deuyses-rod," which would accord with Locke's "deusing-rod" in 1691.²

¹ I have specially to thank Dr. Murray, who, though overwhelmed with his *magnum opus*, kindly took immense trouble in explaining to me the reasons for his opinion, which, of course, I do not venture to question.

² I had remarked in writing to Dr. Murray that though "dowses" is "divinity," and not "divining," yet the Latin *divinitas* has the double meaning of "divinity" and "divining." In his reply Dr. Murray writes fully on this point, and coming from so high a philological authority, the following extract from Dr. Murray's letter is of interest:—

Oxford, *November 21st*, 1896.

"Certainly, in Latin, *divinitas* has the twofold meaning; that is the initial fact on which we have been going all along, and upon which, as I understood it, your conjecture as to *dowse* started. For it is *only because of this Latin fact* that there is, in any language descended from or borrowing from Latin, any connexion of notion between *god*, *godhead*, and *soothsaying*. And it is precisely *because it is a Latin fact*, and so far as I know, a Latin fact only, that I, as a philologist, consider it irrelevant.

"In Latin, *divinus* meant not only 'of or pertaining to the divus or deity,' but also 'inspired by the deity,' hence 'prophetic,' 'soothsaying.' Consequently *divinitas* meant not only divineness, divine nature, but also divine inspired-ness, prophetic character; and *divinare* to act the prophet, to 'divine.' *Divinare* became in French *deviner*, and the French word became in English to *divine*; hence English inherits through French, from Latin, an *etymological* connexion between the notions of 'divine, godlike' and the verb to 'divine, to guess supernaturally,' with its noun of action *divination*. To us, it is only an *etymological* connexion, for I think no

Professor Rhys, the Professor of Celtic in Oxford University, to whom this conjecture was submitted, advised that Dr. Jago (one, I believe, of the best living authorities on the Celtic Cornish language), should be consulted, though the term "dowsing rod" is not, Professor Rhys adds, in Dr. Jago's *English Cornish Dictionary*.

Accordingly I wrote to Dr. Jago and have received in reply a series of lengthy and interesting letters, of which I regret that space only allows me to give a few extracts. In his second letter to me Dr. Jago writes :—

13, Ham Street, Plymouth, *November 26th, 1896.*

I cannot but think that the rod was looked on as a *sacred* instrument, hence "virgula divinatoria" for its name, and so would the Cornish in their tongue apply a term as meaning what is sacred or God-like. . . . In Cornish we have for *God* these forms :—*Dew, Den,* . . . etc., etc., the plurals ending in various ways, as in *ow, ou,* etc., etc. Williams (*Lex. Corn. Brit.*) has for "Divinity (Godhead)" *Dusés, Dewsys, Deusys,* terms nearest to *Dowser,* and *Dowsing.* . . . My own opinion is that *dowsing* is in its origin from the Latin *Deus,* through the Cornish forms *dusés, deusys, dewsys.*

December 5th, 1896.

For Goddess we have in Cornish, *Dues* (*Lex. Corn. Brit.*) *Deuyse* (*Pryce*), *Duwiés* (*Welsh*), *Douées* (*Armoric*). Borlase gives as Cornish "*rhodl,* a branch." All trees and plants are in the *feminine* gender in Cornish.

In a letter dated December 7th Dr. Jago sends me a long and carefully compiled list of changes in words and names of places brought about by the mingling of the ancient Cornish with English.¹ Writing again on December 14th, Dr. Jago says :—

December 14th, 1896.

I sent you the list of compound words to show how *dewsys* and *rhodl,* the ancient Cornish for *goddess* and *rod* may easily be changed

one *feels* any connexion of idea between 'divining what a person would be at, and the 'divine nature,' any more than he *feels* between *scaling* a letter, and *scal* fishery.

"But the fact is only a *Latin* one; there is nothing analogous in Greek, in Germanic, or in Celtic; in none of these languages has the word for 'god' happened to give birth to a derivative meaning 'soothsay'; they *might,* perchance, have done so as well as Latin, but they *did not.* Now 'the illegitimate process' of your reasoning is that you take a fact which is true of Latin only, and apply it without proof to a *Celtic* language. . . . But *this is the very thing to be proved;* and investigation shows that there is no evidence for it, that all the words connected with divination in the Celtic language are quite different and have no connexion with the word for *od* or *divine.* Thus to the philologist, the conjecture is one that lies outside the lines of scientific notice, and is for him no solution.

"J. A. H. MURRAY."

¹See Appendix in Jago's *English-Cornish Dictionary*, "English changes of Celtic-Cornish words," containing a long list of curious changes of Cornish into English, e.g., *Mén Eglos,* the Chapel Rock, changed to "The Manacles:" rocks near Falmouth.

by passing from the Cornish to the English, and for want of a better term, I call such changes “*phonetic*.” The terms used by the Cornish miners are mostly of great antiquity, and so far as I know, the dowsing rod was in use in Cornwall long before the Cornish language became extinct. This being so, the Cornish miners must naturally have had a CORNISH name for the *rod*.

It was not till towards the end of the reign of Henry VIII. (1509 to 1547), that English was used in any of the Cornish churches. Before this time Cornish *only* was known or spoken. . . . But the Cornish was so well spoken in the parish of Feok (near Falmouth), in 1640, “that the Rev. William Jackman, chaplain and vicar of Pendennis Castle, Falmouth,” at the siege thereof by the parliament’s army, was forced for divers years to administer the sacrament in the Cornish tongue ; but, says Drew, “So late as 1650 the Cornish language was spoken in the parishes of Paul and St. Just (near Penzance), the fish-women and market-women in the former and the miners in the latter for the most part conversing in their old vernacular tongue.” . . . Old Dolly Pentreath who died, aged 102, at Mousehole, near Penzance, in January, 1778, was the last known person whose *mother tongue* was Cornish ; she could not speak English till she was a grown woman.

I am of opinion that the modern *dowsing rod* was with the Cornish miners, before the old Celtic tongue died out, known as the *Dewsys Rhodl*, and corrupted by English-speaking people into *dowsing* (or *deusing*) *rod*, and that it is a sacred term in origin.

FRED. W. P. JAGO.

On the other hand, no evidence is forthcoming in support of this conjecture, and the highest philological authorities, such as Dr. Murray, of Oxford, and Professor Skeat, of Cambridge, to both of whom I submitted Dr. Jago’s letters, are entirely opposed to the foregoing conjecture, and state that it is “not even a possible suggestion of the etymology of the word *dowsing rod*.”¹

The other conjecture, suggested by a historical investigation of the rod, seems more plausible, but to it there are also philological objections. In the earliest references to the use of the dowsing rod, it is called (written in Latin or German) “the striking rod,” and it is always spoken of as “striking” when it comes over a hidden vein of ore. Thus Basil Valentine, in his *Novum Testamentum* (date uncertain, assigned to 1440, probably later), speaks of the dowsing rod as the “*Furcilla*,

¹ I sent the proof-sheets of this note to Dr. Jago, who writes, “With the highest respect for the authorities you have referred to, I am still of opinion that *dowzin-rod* is only a corrupted form of *Dewsys rhodl*, the rod of the goddess ; this is not more strained than the Cornish *pen-y-bal*, head of the mine, into the corrupted form ‘penny ball’ or *mên eglos*, church rock, into manacles.”

oder von der Schlag-ruthen"; in the English translation (1657) of this alchemist's work this is given as the "Furcilla, or striking rod," and we are told "if it strikes," the ore is beneath. The phrase *Die Wünschel-ruthe schlägt* (the divining rod strikes) occurs continually in works of the 17th century. Beyer, in his work on mining (1749), discusses why the rod *strikes* (schlägt) with some persons and not with others. Formerly the motion of the rod was always downwards; it turned until it struck, or nearly struck, the ground; and it is still called in parts of Cornwall "the dipping rod." Now, one meaning of the word *dowse*, or *douse*, is to strike, and another, to dip; thus Professor Skeat, in his Etymological Dictionary, under "Dowse," gives "middle English (13th to 15th centuries), *duschen*, to strike; Cf. O. Dutch, *doesen*, to strike." It seemed possible, therefore—to one who is not an etymologist—that the "deusing rod" of Locke, and the "dowsing rod" of to-day, might simply be the "striking" or "dipping rod."¹ On the other hand, Dr. Murray says the two words are no more related than to "seal" a letter is to "seal" fishery. Professor Skeat writes, "That *dowse* means to strike, especially in the face, is well authenticated, so that the etymology suggested is not phonetically impossible, and this is something." But in a subsequent letter Professor Skeat says, "I did not know the *dowse* you refer to is pronounced *dowz*; it makes a great difference, and to my mind completely severs it from the verb *douse*, to strike, which rhymes with *house*. To *douse* means to slap, rather than merely to strike."

Here I leave the question still in obscurity; if, as Professor Skeat remarks, "people *will have* etymologies, 'Recte si possint; si non, quocunque modo,'" then the perusal of this Appendix may be instructive.²

¹ Dr. Jago, though opposed to this derivation, tells me that in Cornwall *dowse* means to dip or lower *suddenly* or forcibly; this is precisely what occurs with the dowsing rod when it "strikes" the vein or spring. The Rev. W. Jago, of Bodmin, independently suggests the same etymology as his namesake. It will be interesting to see what the *Oxford English Dictionary* has to say on the word "strike," and the history of its many meanings.

² It is a curious coincidence that one George *Dowsing*, a schoolmaster of St. Faith's, near Norwich, used "magic" to find treasure in the early part of the reign of Henry VIII., (1521). A license had been given to Sir R. Curzon to search for hidden treasure in Norfolk, and the aid of George Dowsing was sought, he being considered an expert "hill-digger," as those were called who searched for minerals and buried treasure, an uncanny occupation in those days. See Dr. Jessopp's *Random Roamings*, p. 103. Oddly enough, one of the very earliest uses of the divining rod was in the search for hidden treasure. This superstition became the subject of one of Sheppard's Epigrams on the *Virgula Divina*, published in London in 1651, p. 141:

"Some sorcerers do boast they have a rod, Gathered with vows and sacrifice,
And (borne about) will strangely nod, To hidden treasure, where it lies.
Mankind is (sure) that rod divine, For to the wealthiest (ever) they incline."

APPENDIX B.

GEOLOGICAL OPINION UPON UNDERGROUND WATER.

The available sources of underground water depend mainly on the rainfall.¹ The rain water which sinks into the earth, or the water which has leaked from the bed of a river or lake, passes through more or less porous strata, which it gradually saturates, until it meets with a more impermeable layer ; here it accumulates underground, "until by the pressure of the descending column, it is forced to find a passage through joints or fissures upwards to the surface. The points at which it issues are termed *springs*. In most districts the rocks underneath are permeated with water below a certain limit which is termed the [underground] *water level*. This line is not a strictly horizontal one, like that of the surface of a lake. Moreover, it is likely to rise and fall according as the seasons are wet or dry. In some places it lies quite near, in others far below, the surface. A well is an artificial hole dug down below the water-level, into which the water percolates. Hence, when the water-level happens to be at a small depth the wells are shallow ; when at a great depth they require to be deep. Since the rocks underneath the surface vary greatly in porosity, some contain far more water than others. It often happens that, percolating along some porous bed, the subterranean water finds its way downward until it passes beneath some more impervious rock. Hindered in its progress, it accumulates in the porous bed. . . . If a bore hole be sunk through the impervious bed down to the water-charged stratum below, the water will rise in the hole, or even gush out as a *jet d'eau* above ground. Wells of this kind bear the name of Artesian, from the old province of Artois in France, where they have long been in use."²

¹ Mainly, because from the bed of the ocean, water is continually filtering downwards. Moreover, Mr. I. Roberts, F.R.S., has shown in an admirable series of experiments (*Proc. Brit. Association*, 1878, p. 397), that sea water filtering through the Bunter sandstone is, by a purely mechanical and physical process, deprived of the salts it contains, and issues as potable water ; this action continues until the sandstone is saturated with saline particles, which can be washed out by fresh water. As a matter of fact, this filtration from the salt water of the Mersey is the source of fresh water in numerous wells in Liverpool, which "yield daily several million gallons of water, the yield having been continuous for years." Of late, however, the water in many of these wells had mysteriously become more and more brackish, and in some was as salt as its source. Mr. Roberts' experiments have now cleared up this mystery ; the sandstone is becoming saturated with salt.

² Sir A. Geikie, F.R.S. "Geology," in *Encyc. Brit.*, 9th Ed., p. 269.

A spring, therefore, depends for its supply upon the extent of the underground reservoir furnished by the permeable stratum. Owing to their permeability, "the old red sandstone, the triassic sandstones, some beds of millstone grit, the jurassic limestones, the lower green-sand and chalk formations constitute the more important water-bearing formations of the British Isles."¹ Rocks absorb varying quantities of water, from the oolite, which reaches up to an absorbing power of 2·2 gallons per cubic foot, down to the carboniferous limestone; one gallon of water absorbed per cubic foot corresponds to over 80 million gallons per square mile of rock for every yard of its thickness.²

It must not be forgotten, however, that there *is* a circulation of underground water, the direction of its flow depending on the dip of the impermeable strata, or on the direction of the faults and fissures of the rocks, which act as ducts for the underground water. Thus Dr. Ansted in his *Physical Geography* writes:—"It is certain that water must be constantly circulating through natural fissures in the earth at all depths." As Sir A. Geikie points out:—"That the water really circulates underground and passes not merely between the pores of the rocks, but in crevices and tunnels, which it has, no doubt, to a large extent opened for itself along numerous natural joints and fissures, is proved by the occasional rise of twigs, leaves, and even live fish in the shaft of an artesian well. Such evidences are particularly striking when found in districts without surface waters, and even, perhaps, with little or no rain. . . . In these and similar cases it is clear the water may, and sometimes does, travel for many leagues underground away from the district where it fell."³

In certain districts, moreover, actual subterranean rivers exist. Thus in the limestone district of the West of Ireland, Professor Hull remarks:—"The limestone itself is often penetrated by underground rivers, which create hollows arched over by the rocks, but when these give way a chasm is created, and the commencement of a lake may be the result."⁴ But prior to this, Mr. G. H. Kinahan, M.R.I.A., in his excellent *Manual of the Geology of Ireland*, published in 1878, devotes a section of his book to subterranean streams and rivers, and gives the various localities where they are to be found in Ireland. In most cases Mr. Kinahan believes the origin of these rivers to be due to "dykes of incoherent fault rock, through which the water flows as through shingle;" in other cases they are passages "dissolved out along the joints in the peculiar limestones of the

¹ Dr. Hull, F.R.S. *Text Book of Physiography*, p. 203.

² *Report of British Association Committee 1882*, p. 237.

³ Sir A. Geikie. "Geology," *Encyc. Britannica*, p. 270.

⁴ Dr. Hull, *Physical Geography of Ireland*, p. 234.

district." Similar phenomena exist in Fermanagh and in the limestone districts of Derbyshire and Yorkshire, the underground river channels being dissolved out by water beneath the surface.

The "diviner" has, therefore, some reason for speaking of underground rivers; but the place in which he locates them is often where geologists assert they do *not* exist, and there is no geological evidence to show that there is anything in nature analogous to his peculiar notions of the distribution of water underground. Albeit, in justice to the dowser, the following remarks of a distinguished geologist, the late Professor Ansted may be quoted (it occurs in his *Geological Gossip*, p. 17); speaking of underground water, he remarks:—"It will exist sometimes in open cavities, and sometimes under great pressure in crevices to which the day never penetrates, and of whose position no one can guess *who is not endowed with the peculiar second-sight of the dowser.*" (The italics are mine.)

This brief notice of geological views on underground water would be incomplete without special reference to De Rance's comprehensive work on the *Water Supply of England and Wales*, published in 1882. It embodies the author's experience as one of the staff of the Geological Survey of Great Britain, and also as secretary of the B.A. Committee on underground water. The mass of statistics which Mr. De Rance has collected are arranged on a geological basis; some 215 catchment basins are given, and 985 urban sanitary districts are dealt with.¹

The neighbourhood of London has obtained most attention from the *hydro-geologist*,—the name now applied to experts in this special branch of applied science. The principal works on this are Prestwich's *Water-bearing Strata around London*, 1851, and Lucas' *Horizontal Wells for Supplying London*, 1874; important papers on "Water Systems," by the latter author, will be found in the *Proceedings* of the Institute of Civil Engineers, and also of the Institute of Surveyors, from 1877 to 1880. The ordinary reader will find in the second chapter of Huxley's *Physiography* an admirable account of the origin of springs, with especial reference to the London basin.²

¹ As Mr. De Rance has pointed out, the sea bottom near coasts can also yield fresh water,—for the sea bottom, like the land, consists of permeable and impermeable strata; the former receive the water from the land, which travels down the line of dip, and issues as fresh water springs beneath the floor of the sea,—when intercepted by faults or penetrated by well-borings. An instance of the latter is seen at Spithead Forts, where a well sunk beneath the sea bed supplies sufficient fresh water for the large garrison stationed there.

² Those interested in the subject of underground water should consult Daubrée's *Les Eaux Souterraines*, or any standard work on geology or physiography. Much information will also be found in the series of reports presented to the British Association by the Committee on Underground Waters from 1875 to 1894. For the

In connexion with the subject of underground water, I wish in conclusion to draw special attention to the remarkable treatise by M. l'Abbé Paramelle, called "*L'art de découvrir les sources.*" This bulky volume was first published in Paris in the year 1827, several editions have been issued, the last appearing in 1896. Paramelle, so far as I know, was the first *hydro-geologist*, and the first, I believe, to use that term. His book is the result of a careful study of the geological conditions which determine the presence or absence of water-bearing strata, more especially of the district in which he lived,—the Department of Lot, in the south-west of France. So successful was Paramelle in his prognostications that he was appointed the official "Hydroscopist" to the Department. Towards the close of his book a series of documents are quoted from the Préfecture of the Department, these being the official records of his work in that immediate neighbourhood. The last document, dated February 1st, 1843, certifies that out of 338 wells sunk at places indicated by Paramelle, 305 continued to yield an abundant and excellent supply of water, which in all cases was found at the depth which the Abbé had predicted. M. le préfet du Lot, writing to the prefect of Versailles, remarks:—

Aujourd'hui l'expérience a confirmé la réalité du pouvoir de M. l'Abbé Paramelle pour découvrir les sources : les faits sont tellement nombreux, tellement accumulés que le doute n'est plus permis. On évalue à près de six mille le nombre des sources découvertes par ce savant hydroscope dans plus de trente départements. . . . On ne peut porter à moins de quatre ou cinq millions [francs] la valeur des sources déjà mises au jour d'après les avis de M. l'Abbé Paramelle.¹

Though Paramelle professed to be guided solely by scientific reasoning in his discovery of underground water, yet his manner in locating the site for a well was more like intuition than scientific deduction, and strongly reminds one of the ordinary dowser. It is possible that if the faculty claimed by the latter really exists, Paramelle may unconsciously have possessed it. Be that as it may, his book, from the early date at which it appeared, seems to deserve a wider recognition in England than it has received.

non-scientific reader I have met with nothing so admirable on this subject as a little book by Professor Ansted, M.A., F.R.S., called *Lectures on the Application of Geology to the Arts and Manufactures*: the second lecture is devoted to an exposition of Springs and Water Supply. Prof. Ansted also published a paper on *Subterranean Water Storage* in the *Journal of the Royal Agricultural Society* for 1866. A chronological list of works referring to underground water (England and Wales) is given by Mr. W. Whitaker in the *Proceedings of the British Association* for 1895 and 1897; in all, 695 works are cited, ranging from the years 1656 to 1895.

¹ Quoted in an article on Paramelle, published in the *Journal d'Agriculture pratique*, Avril, 1845, p. 459.

APPENDIX C.

HOW THE ROD IS HELD.

A writer in the *Gentleman's Magazine* for 1751, p. 507, gives a description of the method he had found best for holding the rod, and says, "after numerous experiments he has good reason to believe the effects of the divining rod to be more than imagination," remarking that he believes all persons could use the rod, though "some have the virtue intermittently."¹ He uses either a forked hazel twig or two straight twigs tied together in the shape of an X, and continues:—

"The most convenient and handy method of holding the rod is with the palms of the hands turned upwards, and the two ends of the rod coming outwards; the palms should be held horizontally as nearly as possible, the part of the rod in the hand ought to be straight, and not bent backwards or forward. The upper part of the arm should be kept pretty close to the sides, and the elbows resting on them; the lower part of the arm making nearly a right angle with the upper, though rather a little more acute. The rod ought to be so held, that in its working the sides may move clear of the little fingers. The position of the rod when properly held is much like the figure annexed (Fig. 1.) where the distance between the four downward lines is the part that is supposed to be held in the hands.

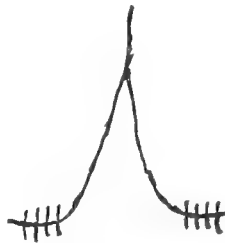


FIG. 1.

The best manner of carrying the rod is with the end prolaided (*sic*) in an angle of about 80 degrees from the horizon, as by this method of carrying it

¹ The writer in the *Gentleman's Magazine* does not give his name; the Editor calls him an "ingenious gentleman, who has revived with great success the use of the rod." There can be little doubt, however, from internal evidence, that the writer was William Cookworthy, of Plymouth, who, in the obituary notice published of him in 1780, is described "as an eminent Minister of the people called Quakers, and one of the greatest chemists this nation has ever produced." This latter statement is of course merely local colour; Cookworthy was, however, a notable, learned, and high-minded man; to him is due the discovery of the existence of china-clay in Cornwall, a discovery which has so largely enriched that part of England.

the repulsion is more plainly perceived than if it was held perpendicularly. But after all the directions that can be given, the adroit use of it can only be attained by practice and attention. It is necessary that the grasp should be steady, for if, when the rod is going, there be the least succussion or counteraction in the hands, though ever so small, it will greatly impair and generally totally prevent its activity, which is not to be done by the mere strength of the grasp, for, provided this be steady, no strength can stop it.

It is interesting to note that the foregoing description of the way of holding the rod closely resembles that given by Agricola, in his famous folio, *De Re Metallica*, published in Basle in 1546. Agricola's work is the earliest detailed account we have of the use of the *Virgula divina*, and refers, of course, only to its use in finding mineral lodes. In like manner the learned Jesuit Dechales, in his great work *Mundus Mathematicus*, Lugduni, 1674, Vol. II., p. 190, gives a similar description of the way the rod is held. The following is a translation of the passage, which is of great interest, as it is the earliest reference I can find to the successful use of the rod in finding underground water (the italics are mine):—

They hold it [a forked branch of hazel] with both fists, in such a way that the outer part of the fists turns downwards, *i.e.*, the two little fingers face each other. Thus each branch being grasped firmly in each fist, they walk to and fro. . . . When they come perpendicularly over underground water, the branch, *however strongly it is held, turns upside down*; that is, the vertex points downwards, *so that the forked sides are twisted*; but it does not succeed with all persons. . . . Once on a certain occasion I purposely hid some money in the earth, which was found by a certain noble person by the hazel twig in my presence. The same person used to find springs so surely that he would trace the whole course of underground water.

One of the earliest *English* references to the use of the rod for finding underground water, is contained in the article before quoted from the *Gentleman's Magazine* of 1751: the writer says, "The hazel, willow, and elm are all attracted by springs of water; some persons have the virtue intermittently, &c."

A detailed account of the manner of holding the divining rod is also given by Pryce in his *Mineralogia Cornubiensis*, p. 118. The date of this folio is 1778. Pryce, or rather, again, Cookworthy, who, we are told, wrote this part of the work, says:—

"It is very difficult to describe the manner of holding and using the rod: it ought to be held in the hands, in the position shown, the smaller ends lying flat or parallel to the horizon, and the upper part in an elevation not perpendicular to it, but 70 degrees, as shown (Fig. 2).

“Alonzo Barba directs the rod to be fixed across the head of a walking stick in the form of a T, and the end which is nearest the root will dip or incline to the mineral ore.¹



FIG. 2.

“The rod should be firmly and steadily grasped ; for if, when it hath begun to be attracted, there be the least imaginable jerk, or opposition to its attraction, it will not move any more, till the hands are opened and a fresh grasp taken. The stronger the grasp the livelier the rod moves, provided the grasp be steady, and of an equal strength.

“A little practice by a person in earnest about it will soon give him the necessary adroitness in the use of this instrument : but it must be particularly observed that, as our animal spirits are necessary to this process, so a man ought to hold the rod with the same indifference and inattention to, or reasoning about it or its effects, as he holds a fishing rod or a walking stick ; for if the mind be occupied by doubts, reasoning, or any other operation that engages the animal spirits, it will divert their powers from being exerted in this process, in which their instrumentality is absolutely necessary ; from hence it is that the rod constantly answers in the hands of peasants, women, and children, who hold it simply without puzzling their minds with doubts or reasonings. Whatever may be thought of this observation, it is a very just one, and of great consequence in the practice of the rod.

The remark in the last paragraph is interesting, and Cookworthy’s observation is confirmed by the quite independent testimony of others. Thus the German writer, Beyer, makes a similar observation on the divining rod in Chapter 12 of his folio on Mining, published in 1749. If the dowsing faculty be some intuitive sub-conscious sense

¹ I can find no mention of this in Alonzo Barba’s interesting old Spanish work on mining called *Arte de los Metales*, Madrid, 1639. I am greatly indebted to the ever ready and kind help of my friend and colleague, Professor J. P. O’Reilly, Foreign Secretary of the Royal Irish Academy, for examining on my behalf this and other Spanish works to which I have had occasion to refer in the preparation of this monograph. There is a reference to a T shaped extemporised rod in a book by Gabriel Plattes, called *The Discovery of Subterranean Treasure*, viz., of *All Manner of Mines and Minerals*, London, 1638. This is the earliest English reference to the use of the divining rod for finding mineral veins which I have been able to find.—W.F.B.

perception, possessed by certain individuals, of which the rod is the outward and visible sign, we should expect to find "doubts or reasonings" fatal to the successful use of the rod, as they would be in the case of any other autoscope.

Cookworthy then goes on to describe how the motion of the rod may be stopped by various objects held in the hand or put under the arm. In other writings of his, he tells us that "a piece of the same matter with the attracting body, held in the hand, or applied to any part of the rod, prevents its attraction. Its attraction to springs of water is prevented by spitting on the hands or moistening them with water." Thus, he explains, the diviner can discover whether it be metal or water, or what kind of metal is indicated.¹ This is another of the numerous illustrations with which the history of the divining rod abounds, of the effect of *suggestion* on the motion, or arrest of motion, of the rod. For in 1663, exactly the opposite effect is assigned by no less an authority than Robert Boyle, who in his *Philosophical Essays* states that he has been informed "the wand will bow more strongly" when a piece of the similar metal to that underground is held in the hand.² See also the letter quoted in the foot-note to p. 247.

I have already referred (p. 18) to the excellent picture by A. Crowquill, of a dowser at work, given in Mr. Phippen's *brochure* on the rod, published in 1853. Here also the arms are held tightly to the sides of the body, but the prongs of the fork pass between the index and next finger of each hand.³ Miss Cox in her paper on the



FIG. 3.

rod, shows Stokes, the dowser, holding the rod pointing downwards with the prongs grasped by the fists. (See Fig. 3).

¹ So also the writer of *La Verge de Jacob*, a little work on the rod, published at Lyons in 1693, states that a wet rag will stop the rod when it turns for underground water, but not when it is turning for metallic ore; similar assertions are made to-day by Tompkins and other dowsers, see pp. 165, 212, etc., so this belief is wide-spread and long lived!

² Vol. I., p. 172, in the complete edition of Boyle's *Philosophical Works*: the whole passage will be given in the historical part of my paper.

³ I had intended quoting the careful description Mr. Phippen gives of the way the rod is held, but it is hardly necessary, as it closely resembles that already given.

The late J. Mullins, however, whose success as a dowser was the most remarkable in modern times, always held the rod as shown in Fig. 4.



FIG. 4.

This is much the same way as Tompkins is shown holding the rod on pp. 147 and 159 ; this might indeed be expected, from the narrative given on p. 145. On the other hand, W. Stone, who is also a successful dowser, is seen on p. 134 to be holding the rod in quite another manner. Again, in the *American Journal of Science* (Silliman's Journal) for 1826, p. 201, in the course of a lengthy article on the rod, a picture is given showing how the rod must be held, and here the prongs of the fork pass between the thumb and forefinger of each hand. Messrs. Young and Robertson, in their little book on the divining rod, mentioned on p. 18, give illustrations showing their way of holding the rod : they have sent me a little waistcoat-pocket forked rod made of aluminium, which they recommend to be held in the way shown in Fig. 5. They also use a straight rod or wand some three or

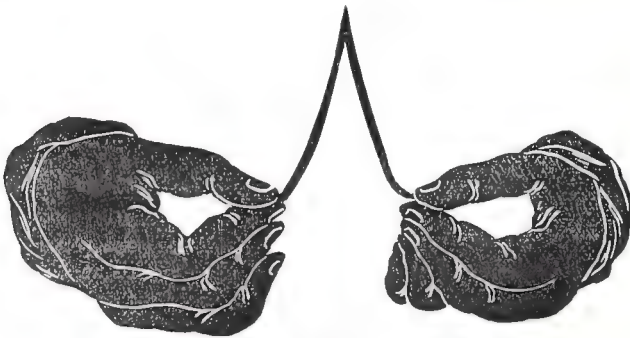


FIG. 5.

four feet long, which they hold inclined in the right hand, the thinner end being held in the hand and "the eye resting on the top of the thick end." This, they assert, dips down over an underground spring. This "dipping rod" is a return to an old form of divining rod, a picture of which is given in an Italian work on the rod, published in 1678, and

will be reproduced in the subsequent historical part of this paper. The Abbé de Vallemont gives pictures of straight rods in his *La Physique Occulte*, published in 1693; and Bleton, as already mentioned (p. 21), in the last century used a nearly straight rod placed horizontally on the index fingers of the two hands. This slightly-curved rod revolved from 30 to 80 times a minute when Bleton came over underground water. Here (Fig. 6.) are some other ways of holding the rod in use in the 17th century.¹



FIG. 6.

It will thus be evident that the manner of holding the rod varies with the individual dowser, and obviously cannot be of much consequence. Some positions in which the rod is held doubtless render it a more sensitive indicator to the muscular tremor which determines its motion. It may be held in a position of tension or poised equilibrium (as mentioned on p. 11), and it then becomes a very sensitive *autoscope*; in this position it is desirable some experiments on thought-transference should be made with the holder of the rod.

¹ I am indebted to the editor of *Pearson's Magazine* for this woodcut. Though not stated the picture is a copy of one of the plates in Lebrun's *Lettres . . . sur la baguette*, 1693. Aymar sometimes used a straight rod held in one hand.

APPENDIX D.

THE SENSATIONS ALLEGED TO OCCUR IN DOWSING.

The assertion is made by numerous dowzers that when they are over underground water they experience a peculiar sensation,—which some describe as felt in the limbs, like the tingling produced by a mild electric shock, others as a shivering or trembling, and others as an unpleasant sensation in the epigastric region, etc. It is unnecessary to quote the various statements made by different dowzers, quite independently of each other; they will be found on pages 22, 48, 69, 95, 124, 161, 164, 177, 196, 200, 206. But these sensations seem to be only experienced when they are dowsing; when off duty, underground water seems to have no effect. This fact, coupled with the apparent absence of any feeling produced by the much greater masses of visible water in lakes, rivers, or the sea, indicate the purely psychological origin of the asserted sensations. The interesting point is, however, that this psycho-physiological disturbance in the use of the divining rod can be traced back at least two centuries, and exists among diviners in different countries.¹

Among the most remarkable symptoms were those exhibited by the French dowser, Bleton, in the last century. A careful medical examination of Bleton was made by Dr. Thouvenel, who was a distinguished French physician, and in his *Mémoire Physique et Médicinal*, Paris, 1781, page 53, he describes these symptoms as follows:—

La première impression que fait éprouver au corps de Bleton la présence de l'eau souterraine, se porte sur le diaphragme, en s'étendant vers ses appendices supérieurs ou ses attaches avec le sternum, et produisant un serrement avec de l'oppression, dont le siège paroît borné à la partie antérieure et supérieure de la poitrine. Un saisissement, un tremblement et un refroidissement général s'emparent en même-tems de lui. Ses jambes chancellent. Les tendons des poignets se roidissent et entrent en convulsion. Le pouls se concentre et diminue peu-à-peu. En un mot, cet état représente et caractérise l'invasion d'une véritable attaque de spasme convulsif. Il subsiste, avec des nuances cependant et des variations du plus au moins, tant que cet homme reste sur la source, et disparoît presque subitement

¹That nervous excitement is partly at the root of these sensations seems to be indicated by the case of Jacques Aymar. In a copy of the *Journal des Sçavans* (Savants) for January 1693, for the possession of which I am indebted to the zeal of Mr. Rolland's excellent book agency in Paris, it is stated by a contemporary witness, Dr. Chauvin, that when Aymar, who had gained repute as a spring finder, was taken with his *baguette* into the cellar where the Lyons murder had been committed, Aymar "n'y fut pas plutôt entré qu'il se sentit tout ému, et que son poux s'éleva comme une grosse fièvre."

lorsqu'il se place à côté, si ce n'est, à ce qu'il dit, un sentiment intérieur de froid et de serrement légers, au devant de la poitrine. Ce sentiment ne cesse totalement qu'à une certaine distance de l'eau ; et cette distance exprime selon lui la profondeur de cette dernière, comme nous le verrons ci-après."

Dr. Thouvenel states Bleton did not feel any effect from stagnant water ; a headache and lassitude were, however, produced by a river, when in a boat, "mais point du tout ce qu'il appelle sa *commotion* dans la poitrine, ni le contre-coup de cette commotion dans les extrémités."

It is said that when Bleton was a child, the discovery of his "gift" was accidentally made from perceiving that a feverish attack seized him whenever he happened to be at a certain spot where a subterranean spring was subsequently discovered. In one of the numerous *pièces justificatives* and *procès-verbaux* attached to Thouvenel's book, the following evidence is cited. The writer of the certificate, after stating that numerous persons in Burgundy can testify that Bleton is neither an impostor nor a charlatan, goes on to say :—

C'est un pauvre paysan qui a été élevé par charité dans une des Chartreuses de Dauphiné, et voici comment ce talent, si c'en est un, lui a été connu.

A l'âge de sept ans, portant le dîner à des ouvriers, il s'assit sur une pierre, où la fièvre le prit : les ouvriers l'ayant fait mettre à côté d'eux, la fièvre cessa ; il retourne à plusieurs reprises sur la pierre, toujours la fièvre. On raconta cette histoire au Prieur de la dite Chartreuse, qui voulut par lui-même en voir l'expérience. Convaincu par le fait, il fit creuser sous la pierre ; il s'y trouva une source qui, à ce que l'on m'a assuré, fait moudre aujourd'hui un moulin.¹

Several witnesses of high standing are cited by Dr. Thouvenel, who testify to the pathological effect which underground water had upon Bleton ; the curious point being that Bleton's prognostications were so rarely wrong, water being found, according to the evidence, even in the most unpromising places when Bleton was affected in this manner. M. le Président d' O —, who made numerous experiments with Bleton, relates that, a generation before Bleton, in 1735, another *sourcier*, or water finder, had said when there was a difficulty in finding him a proper rod or *baguette* :—

N'importe, Monsieur, ce n'est pas la baguette qui me dirige, c'est un sentiment que j'éprouve au dedans de moi-même.

On p. 263, Dr. Thouvenel gives an account of a visit paid by M. C — to a Prior at Autun who possessed the "gift" of water-finding, which he had gratuitously exercised for the benefit of his commune.

¹ Mémoire physique et médicinal, etc. (Paris, 1781), p. 251.

The Prior states that he detected an underground spring by a peculiar *malaise* it produced upon him, which was more marked in following the spring upwards than downwards. He stated a shivering was produced in his shoulders and muscles of the arm and leg, and if he continued following an underground spring, extreme and abnormal fatigue was produced; the sensation was stronger after fasting than after meals.

Dr. Thouvenel also refers to Parangue, a young girl, born in 1760, who from her infancy appeared to have the faculty of detecting underground water by the terror she displayed when over an underground spring. According to the Abbé Sauri, Parangue apparently *saw* the water below, "the earth becoming transparent to her vision." A similar case is related by Dr. Ashburner of a girl who, when hypnotised, declared she "saw" a spring at a certain depth below a certain spot; upon digging, a spring was found at the spot and at the very depth stated.¹ But these cases of clairvoyance obviously need confirmation and critical examination; the same may be said of the following. In an article on *Modern Magic* by M. Shele de Vere, published in 1873, it is stated that Catherine Beutler, of Thurgovia in Switzerland, and Anna Maria Briegger, of the same place, were both so seriously affected by the presence of water that they fell into violent nervous excitement and became quite exhausted when they happened to cross places where water was concealed underground.

We have also the evidence of Dr. Mayo, F.R.S., who states in his essay on the divining rod² that when in Russia he met with a youth who had not handled a divining rod before. Instructing him how to hold the rod and to walk over some ground where Dr. Mayo believed

¹ The incident as related by Dr. Ashburner is as follows: A respectable girl, a lady's maid, was found to pass into a mesmeric sleep on holding for a few seconds a hazel twig; when asleep the twig was so tightly held that in spite of using much force, a bystander could hardly turn it. Her mistress wrote in July, 1845, "We made a curious experiment with Harriet. We have very bad water here and have long been unable to find a good spring. Mr. G. has dug and dug in vain. I proposed the divining rod; Harriet was willing, so we went to a field . . . put Harriet to sleep, with the hazel stick. She grasped it so tightly we were obliged to use the gold chain. She then held it only in one hand and began to walk very carefully for about 20 yards, then suddenly stopped; not a word was uttered, we all looked on, and were not a little surprised to see the rod slowly turn round until her hand was almost twisted backwards. Suddenly she exclaimed 'There, there, don't you see the stick turn? The water is here, under my hand. I see it, I see it.' 'How deep is the water?' said Mrs. G. 'Oh, about 3 feet.' We marked the place, and after a few moments awoke her. Mr. G. caused a large hole to be dug and just at the depth of 3 feet the water was found. A brick well has been constructed and we have now a good supply of excellent water. When awake Harriet knew nothing of the circumstance."—Note added by Dr. Ashburner to his translation of *Reichenbach's Researches* (London, 1851), pages 100-103.

² *Truths contained in Popular Superstitions*, (London, 1856) p. 18.

underground water to exist, the forked twig instantly began to ascend. Dr. Mayo goes on to say that the lad

Laughed with astonishment at the event, which was totally unexpected by him, and he said that he experienced a tickling or thrilling sensation in his hands. . . . The experiment was repeated by him in my presence with like success several times during the ensuing month. Then the lad fell into ill health and I rarely saw him. However, one day I begged him to make another trial with the divining fork. He did so, but the instrument moved sluggishly and when it moved the lad said he felt an uneasy sensation, which quickly increased to pain at the pit of the stomach, and he became alarmed.

This, doubtless, was a purely nervous effect, but the coincidence is curious, as Dr. Mayo seems to have been wholly ignorant of Thouvenel's experiments with Bleton, and of course the Russian lad knew nothing about them.

On the other hand, the profound effect of *suggestion* in producing or arresting pathological disturbance comes out very clearly in Thouvenel's experiments. Believing that the motion of the divining rod was due to some unknown electric agency, Thouvenel experimented upon Bleton with what he calls "electric compositions," and also "compositions magnetiques récemment électrifées." When Bleton was over underground water, if he were touched with one of these compositions, the usual symptoms and the rotation of the rod were instantly diminished by three-fourths, and (p. 91)—

Dès l'instant même que le retirois mes préparations, les phénomènes de l'eau sur Bleton réparoisoient dans toute leur force.

Now it is absurd to suppose any physical effect could have been produced upon Bleton by these compositions, which were probably bits of sulphur or of iron that had been sparked upon by an electric machine; the result was undoubtedly an effect of sub-conscious and possibly telepathic suggestion. The latter (telepathy) seems indicated also in the subsequent experiments with Bleton to test the effect of insulation, for Thouvenel appears to have taken the precaution not to let Bleton know the fact nor the object of the experiment.

Coming to the present day, an old amateur dowser, Mr. Robert Young, of Sturminster Newton, Dorset, writes to say that whenever he comes over an underground spring, so violent a trembling seizes him that he has to be supported or he would fall. Mr. Young, I am assured, is entirely ignorant of the literature of this subject, so that he has not been affected by what others have said. His daughter writes:—

One day I asked father to point out to me the spring in Gough's close; he walked to and fro, and when he came to a certain spot he reeled and

staggered and said the spring was below. To test the reality of his indications, I privately marked the spot where he said the spring was. I then took him to the far end of the field and blindfolded him carefully, then led him about the field by a circuitous route. Directly he came on the spot I had marked, he reeled as before and would have fallen if I had not held him up. Directly he came off the place he was all right.

As perhaps might be expected, the son of Mr. R. Young, Mr. J. F. Young of Llanely, (also an amateur dowser) feels somewhat similar sensations when he is dowsing. I have already referred to Mr. Young in the foot-note to p.19; though a hard-working tradesman with little time at his disposal, Mr. Young has devoted his leisure to an investigation of the rod, and I may add, the extensive correspondence Mr. Young has had with me has impressed me with his sincere love of truth. Mr. Young writes:—

I have noticed, when divining, unpleasant and peculiar symptoms always occur when I am over an underground spring; often a convulsive feeling and staggering comes on. My father, though never otherwise sick, staggers and vomits when over a spring. These unpleasant symptoms only occur when we are “set” on divining.”

Writing to me again on November 29th, 1896, Mr. J. F. Young says:—

The sensation I experience when I get over a spring in divining is very like that experienced at the epigastrium when on the downward stroke of a swing, together with a peculiar tingling of the fingers. There is no mistaking this and I have also seen the fingers of Mr. Robertson [a friend of Mr. Young's, also an amateur dowser] severely contracted when he gets over a spring.

Mr. Thomas Heighway, the Welsh dowser referred to on p. 206, also sends me an account of the very similar sensations he experiences, and so with other dowsers quite independently of each other.

These symptoms may only be the result of nervous excitement, but as Bleton a century ago trusted to his “sensations” in finding water and as some dowsers still do so to-day, it would seem as if they had some psychical root deeper than mere imagination. In connection with this I will quote the following interesting letter, which has recently appeared in the columns of *Truth* (July 22nd, 1897); the writer is personally known to me, he is an F.R.S., and a distinguished London physician:—

Although the great majority of people disbelieve in the power of a man to detect the presence of water even a few feet under the ground upon which he is standing, they readily credit the story of a camel scenting water half a mile off in the middle of a desert. I believe that the almost incredible acuteness of sight, scent, and hearing, which are found universally

in certain classes of the lower animals and are not uncommon in savage races, are *occasionally* possessed by certain individuals amongst civilised races. For instance: the presence of water-vapour in the air over certain spots makes itself evident to every one as a visible fog in early morning. Now *I am acquainted with a rheumatic patient who, on passing over such a spot during the day, when no vapour is visible, feels pains in her joints.* Of course, such a condition of hyperæsthesia is very rare indeed. I think, however, that the diviner detects water by some sensation which affects either his nostrils, or his body generally, when he is standing in a place where there is water below the surface. The only use of the divining rod is to magnify involuntary muscular motions, and thus convert what might otherwise be a vague sensation into a definite and perceptible action. But the moving of the rod in a diviner's fingers depends simply upon the bodily condition of the diviner himself, just as the rigidity of a pointer's tail when scenting game depends entirely upon the excitement of the dog.

The part I have italicized is interesting in connexion with what is stated on p. 249.

The comparison of a dowser to a pointer, though inadequate in my opinion, is quite as far as the present state of scientific knowledge will be disposed to admit. From this point of view it is a very just analogy; the wonderful scent of the dog, in its sensitiveness far beyond any instrumental means of detection which science could employ, corresponding to the dowser's "scent" for underground water; the nervous excitement of the dog, corresponding to the dowser's psycho-physiological disturbance; and the index afforded by the rigid tail of the dog when pointing, being the analogue of the involuntary motion given to the indicating rod of the dowser.¹

¹ Dr. Carl du Prel, in a brief essay on *Die Wünschelruth*, believes the explanation of the rod will be found "in the domain both of transcendental physics and transcendental psychology, the rod being the historic fore-runner of the modern practice of 'questioning the oracle' by automatic writing." But this was an ancient use of the rod, as will be seen in Zeidler's *Pantomysterium* (Magdeburg, 1700), where the prescience displayed by the rod is attributed to the spirit of nature, the *anima mundi*, "the Soul needing the rod as an instrument." Of the theories of the rod held in successive centuries by the learned world, Zeidler's was one not discordant with certain views of psychical phenomena set forth in our *Proceedings*.

APPENDIX E.

NOTE ON THE HORSHAM EXPERIMENTS.

Since this paper was printed, Mr. E. Westlake, F.G.S., who has devoted attention to hydro-geology, has visited Sir Henry Harben's estate, Warnham Lodge, and sent me some geological notes on the Horsham Experiments, detailed on pages 117-121. These notes are interesting in connection with Mr. T. V. Holmes' remarks on pages 227-9, and also as correcting some slight inaccuracies in the statement originally given to me. Mr. Westlake went over the ground with Mr. Ogilvie, the bailiff, and with Mr. Edwards, the head gardener, (called the overseer by me on p. 120), who superintended the work of the well-sinking. It seems the rock mentioned on p. 119 was not a limestone, as Sir Henry Harben thought, but a "white, fine-grained, close-jointed, compact *sandstone*," nor was it so hard as to require blasting: a sand pit some 300 feet to the west of the well G shows the same stratum. Some 3 to 4 feet of soil and sand or sandy loam covered the stone, which rests on an impervious "blue marl" (the Weald clay), the latter being found some 14 feet below the surface in the case of well D, which penetrated 5 feet into this marl. Most of the water comes from little veins in the sandstone and runs into the wells from the direction of the pond (see map, p. 118) "as Mullins had said it would." Mr. Westlake says, "The main source of the water thus appears to lie to the east of the wells, though what should confine its flow to certain lines in a tolerably pervious bed is not easy to understand, nor yet the large flow from what seems a small collecting ground. It is possible the direction of the flow may be determined by the patchy character of the bed, which is soft in certain places, as may be seen in the sand pit, and was said to be also in the wells. The depth of the water in the wells varies from 4 feet in summer to 9 or 10 feet in winter. The water is soft and good in all respects: the analyst who examined it said he had never seen a better."

An additional fact was ascertained by Mr. Westlake, which is of considerable importance in connection with Mr. Holmes' remarks. In order to run the water from the wells to the pumping house, which is on lower ground, (near well A, see p. 118), a trench was sunk to within a foot of the bottom of the wells E and F, and carried 85 yards to the north of well E; 24 yards from E an offset, 8 yards long, connects the

2 inch water pipe, which was laid in the trench, to the well D. Mr. Westlake says: "These trenches, Edwards assured me, were all dry to the bottom and no springs were intersected, except the one supplying D; at that time, October, 1893, the water in the wells E and F stood more than 6 feet deep, but it was kept down by pumping when the trench was being brought near to the wells. It was not a 'tunnel,' but a trench, subsequently arched over, 4 feet wide, that connected the bottom of the wells E and F, and here also no spring was met with in the stone between the two wells, as is stated on p. 120."

I regret that no mention is made of the length of time that elapsed before the trenches were covered in, but whether a few hours or days, it is obvious the water-bearing character of the surrounding sandstone was very different in different places, through jointing or otherwise. Even allowing for possible looseness of observation on the part of Edwards, the broad facts remain that a copious supply was found in certain spots indicated by the dowser and not in others closely adjacent. Sir Henry Harben confirms the fact that, prior to connecting the wells E and F, one of these wells was pumped "continuously while the work was proceeding," during which the level of the water in the other well did not sink perceptibly.

Sir Henry Harben also informed Mr. Westlake that the engineer whom he consulted, and whose advice failed, was a leading water-engineer of large experience. He walked over the whole ground and his attention was specially directed to the pond and to the fact that water was sometimes seen on the higher ground; but he decided to reject that locality, and the high ground generally, and fixed on the site where the well B was sunk, with adits, at a useless expenditure of £1,000. Mullins was told exactly what the engineer was told, though he did not see the pond; on trying with the "rod," he utterly scouted the place the engineer had fixed on, and decided on the higher ground.

It seems that Mullins (who is now dead) came twice; at first he "located" the wells D and E, and on the second visit the wells F and G; it was then he stated no water would be found between E and F. Having contracted for the well-sinking, his son, Joseph Mullins, carried out the work and also, it is said, independently found by the "rod" the spring at F.

The bed of stone in which the wells are sunk is about 100 feet above the outcrop of the Horsham Stone at Warnham (Geological Survey, sheet 8), and is the "No. 2, Sand and Sandstone" of Messrs. Topley and Drew—viz., the second of seven subordinate permeable beds that occur in the Weald Clay, of which the Horsham Stone is the first and lowest. (See Topley's *Geology of the Weald*, 1875, pp. 102, 104.)

Mr. Westlake suggests that one of the best tests of the claims of the dowser would be a series of experiments in connection with suitable engineering works, such, for example as a projected deep cutting for a new railway. The dowser should be taken over the ground before the cutting was begun, and his report as to the existence, the exact location, and the probable depth of any underground water that might be met with should be carefully noted. The cutting should then be watched and reported on during construction in respect of any springs, or lines of flow that might be encountered. The expense of such a test would not be great, and I think it is most desirable it should be made; two dowsers should, however, be employed, independently of each other, to examine and report beforehand.

My best thanks are due to the Editor, and to Miss A. Johnson, of Cambridge, for the careful reading of the proof-sheets of this paper, and for many valuable suggestions.

Book II., on the use of the divining rod in the search for Mineral Veins and for other purposes, together with the Historical Survey and a Bibliography compiled by Mr. E. Westlake, F.G.S., will not be published till next year.

END OF BOOK I.

TABLE OF CONTENTS.

BOOK I.

PART I.

	PAGE
Introductory	2
The Rod an Indicator of Sub-conscious Impressions	7
Nomenclature	9
Autoscopes	10

PART II.

Brief Historical Statement	12
Modern Literature on the Divining Rod	13

PART III.

The Rod as Used in the Search for Underground Water	24
GROUP I. Amateur Dowzers—Nos. 1-20	25
,, II. Miscellaneous Cases—Nos. 21-41	43

PROFESSIONAL DOWZERS.

GROUP III. (a) W. S. Lawrence—Nos. 42-50	66
,, (b) W. Mereweather—No. 51	72
IV. (a) J. Mullins—Nos. 52-75	75
,, (b) H. W. Mullins—Nos. 76-84	98
V. W. Stone—Nos. 85-98	124
VI. B. Tompkins—Nos. 99-111	145
VII. J. Stears—Nos. 112-119	164
VIII. L. Gataker—Nos. 120-129	177
IX. (a) H. Bacon—Nos. 130, 131	196
,, (b) H. Chesterman	200
,, (c) F. Rodwell—No. 132	201
X. (a) Thos. Heighway—No. 133	206
,, (b) R. Rothwell—Nos. 134, 135	209
,, (c) R. W. Robertson—Nos. 136, 137	214
Cyrus Fuller—Nos. 138-140	215

DETAILED REPORTS.		PAGE
The Waterford Experiments— <i>J. Mullins</i> (see also pp. 77, 78)	...	106
The Horsham Experiments— <i>J. Mullins</i> (see also p. 85)	...	117
The Kingstown Experiments— <i>J. Stears</i>	... ..	174
The Richmond Experiments— <i>H. W. Mullins</i> and <i>L. Gataker</i>	...	188
The Wimbledon Experiments— <i>F. Rodwell</i>	... ..	203
Failures : Nos. F.1–F.12	... 63, 121, 143, 162, 172, 187, 200,	213

PART IV.

GEOLOGICAL OPINIONS—

Professor Sollas, F.R.S.	... ..	220
Mr. T. V. Holmes, F.G.S.	... ..	221
Mr. J. H. Blake, F.G.S.	... ..	230
Mr. C. E. De Rance, F.G.S.	... ..	233
Success of Dowser lies in Finding Sites for <i>Shallow Wells</i>	...	235

PART V.

BRIEF SURVEY OF THE EVIDENCE	... ..	237
Caution as to So-called “Dowsers”; Involuntary Motion of the Rod no Proof of a “Dowsing Faculty”	... ..	238
Evidence Afforded by Frequent Actual Success of Expert Dowsers, and Extensive Employment of them by Practical Men	...	240

PART VI.

THEORETICAL CONCLUSIONS	... ..	243
(i) (ii) Motion and Breaking of the Forked Twig	... ..	243, 244
(iii) (iv) <i>Malaise</i> of Dowser; percentage of Dowsers	... ..	244–246
(v) Preconceived Ideas; Electricity	... ..	246
(vi) Signs of Underground Water; Practical Knowledge of Dowser	...	248
(vii) Probable Dowsing Faculty or Instinct; Tests applied	...	251
Working Hypotheses	... ..	254

APPENDICES.

A. The Words “Dowse” and “Dowser”	... ..	256
B. Geological Views of the Distribution of Underground Water	...	262
C. How the Rod is Held; Fallacious Ideas of how to Discriminate between Water and Metals	... ..	266
D. Sensations said to be Experienced in Dowsing	... ..	272
E. Note on the Horsham Experiments	... ..	278

PROCEEDINGS
OF THE
SOCIETY FOR PSYCHICAL RESEARCH,
PART XXXIII.

PROCEEDINGS OF GENERAL MEETINGS.

The 87th General Meeting of the Society was held at the Westminster Town Hall on Friday, May 28th, 1897, at 4 p.m. ; MR. ST. GEORGE LANE FOX in the chair.

MR. F. W. H. MYERS gave an address on "The Moral and Intellectual Limits of Suggestion."

The 88th General Meeting was held in the same place on Friday, November 5th, at 8.30 p.m. ; DR. A. WALLACE in the chair.

DR. RICHARD HODGSON gave an address on the "Later Investigations of Trance Phenomena manifested through Mrs. Piper."

The 89th General Meeting was held in the same place on Friday, December 10th, at 4 p.m. ; PROFESSOR H. SIDGWICK in the chair.

DR. RICHARD HODGSON gave an address on the "Latest Investigations of Trance Phenomena manifested through Mrs. Piper," the paper being a continuation of that read at the previous meeting of November 5th. Part I. of these papers is printed below ; Part II. will appear in the following number of *Proceedings*.

The 90th General Meeting was held in the same place on Friday, January 28th, 1898, at 4 p.m. ; the PRESIDENT, SIR WILLIAM CROOKES, F.R.S., in the chair.

MR. F. W. H. MYERS read two papers by MR. ANDREW LANG on "Crystal Visions" and on "Oppositions of Science," which it is hoped will appear in a future Part of the *Proceedings*.

A FURTHER RECORD OF OBSERVATIONS OF CERTAIN PHENOMENA OF TRANCE.¹

BY RICHARD HODGSON, LL.D.

(*This Paper is a sequel to those in PROCEEDINGS, Vol. VI., pp. 436-650, and Vol. VIII., pp. 1-167.*)

PART I.

§ 1. INTRODUCTORY.

Two reports on the trance-phenomena of Mrs. Piper have been published in our *Proceedings* (see above), and to these I refer the reader for information concerning the experiments made with her prior to the year 1892. All that I need repeat here is that Mrs. Piper passes into a trance, during which apparently other personalities than the normal waking Mrs. Piper "control" her body, use her organs of speech, or write with her hand, and show a knowledge of facts which Mrs. Piper could not have obtained by ordinary means. These other personalities purport to be the "spirits" of disembodied human beings, and make communications which take the form of coming from the still existing "deceased" friends or relatives of the persons who have "sittings" with Mrs. Piper. In the early years of Mrs. Piper's trances, her voice was usually controlled by a personality that went under the name of "Doctor Phinuit," who acted as intermediary in the communications; but of late years the communications have been chiefly independent of Phinuit, who for the past year has not manifested at all.

Of course the first point that will occur to the reader is how we know that these manifestations are not due wholly to imposture. This question has been fully considered in the above-mentioned reports, but it may be well for me to give a brief summary of our previous conclusions. My own knowledge of Mrs. Piper began in May, 1887, about a fortnight after my arrival in Boston, and my first appointment for a sitting was made by Professor William James. Professor James had visited her about a dozen times during the previous year and half, and had sent a large number of persons to her, making appointments himself

¹ The responsibility for the views expressed in this paper rests entirely with its author.

“for most of these people, whose names were in no instance announced to the medium.” As a result of his inquiries he became fully satisfied that Mrs. Piper had supernormal powers.

I had several sittings myself with Mrs. Piper, at which much intimate knowledge, some of it very personal, was shown of deceased friends or relatives of mine; and I made appointments for sittings for at least fifty persons whom I believed to be strangers to Mrs. Piper, taking the utmost precautions to prevent her obtaining any information beforehand as to who the sitters were to be. The general result was the same as in my own case. Most of these persons were told facts through the trance-utterance which they felt sure could not have become known to Mrs. Piper by ordinary means. For several weeks, moreover, at the suggestion of one of our members, detectives were employed for the purpose of ascertaining whether there were any indications that Mrs. Piper or her husband, or other persons connected with her, tried to ascertain facts about possible sitters by the help of confederates, or other ordinary methods of inquiry; but not the smallest indication whatever of any such procedure was discovered. My own conclusion was that—after allowing the widest possible margin for information obtainable under the circumstances by ordinary means, for chance coincidence and remarkable guessing, aided by clues given consciously and unconsciously by the sitters, and helped out by supposed hyperæsthesia on the part of Mrs. Piper,—there remained a large residuum of knowledge displayed in her trance state, which could not be accounted for except on the hypothesis that she had some supernormal power; and this conviction has been strengthened by my later investigations.

Further, Mrs. Piper came to England, at our request, in November, 1889, and remained till February, 1890, and during that time gave eighty-three sittings under the supervision of Dr. Walter Leaf, Professor Lodge, and Mr. Myers. Due precautions were, of course, taken as regards the introduction of sitters, etc., and suffice it to say that the above observers became convinced that the claim to supernormally acquired knowledge in Mrs. Piper’s trance was fully justified.

But although this general conclusion was reached, there was no unanimity of opinion as to the explanation. Thus Dr. Walter Leaf, for example, adopted the position that Dr. Phinuit was “only a name for Mrs. Piper’s secondary personality, assuming the name and acting the part with the aptitude and consistency which is shown by secondary personalities in other known cases”; and that the supernormal phenomena shown were explicable on the hypothesis of thought-transference from the sitters. Professor Lodge, on the other hand, held that something more of supernormal character was involved in many of the instances than could be explained by thought-transference

from the sitters, and he found himself forced to the hypothesis of "telepathy from distant persons if that is in any way feasible, telepathy from deceased persons only as a last resort, but telepathy of some kind, as distinct from any conceivable method of extracting information from persons present."

In my own previous reports which dealt with sittings up to October, 1891, I stated that the hypothesis which for a long time had seemed to me most satisfactory was that of an auto-hypnotic trance in which a secondary personality of Mrs. Piper either erroneously believes itself to be, or consciously and falsely pretends to be, the "spirit" of a deceased human being, and further fictitiously represents various other personalities according to the latent ideas of some of the sitters. I added, however, that my confidence in this explanation had been considerably shaken by further familiarity with the Phinuit personality and other allied manifestations of Mrs. Piper's trance state, and that I had no certain conviction that any single theory which had been put forward was really the correct one. It was indeed the case that many sitters believed themselves to be, through Mrs. Piper's trance, in actual communication with deceased friends; but various considerations made this view very difficult of acceptance. The personality known as Phinuit could give no satisfactory account of himself; he was unable to justify, by any evidence of identity, his claim that he was a deceased human being, and still less could he justify his claim that he had been a French doctor. In some cases the sittings were total failures. And in many others the correct statements were mixed up with much other matter that was irrelevant or wrong. There was also at times a great deal of what appeared to be guessing and "fishing" on the part of Phinuit, and even when extraordinary specific knowledge was shown of private matters concerning sitters and their deceased friends, Phinuit was unable to get satisfactory replies to other questions, the answers to which were well known to the alleged communicators when living. In short, while any unbiassed student of the previous records in our *Proceedings* would conclude that the phenomena demanded some hypothesis which went at least as far as telepathy, there were difficulties in the way of accepting either the spiritistic hypothesis, or telepathy from the living, as an adequate explanation.

These difficulties have by no means been altogether removed, but since the writing of the last Report on the trance-phenomena manifested by Mrs. Piper, several circumstances have occurred the result of which has been that a marked improvement has taken place in the quality of the evidence, and some new light, I incline to think, has been thrown upon its significance. One of these circumstances was the sudden death, early in 1892, of a young man keenly interested in

intellectual pursuits generally—and aware of the investigations of the S.P.R.—who purported to make himself known about four weeks later through Mrs. Piper's trance,—and who since that time has been ready with assistance for most other “communicators.” I shall refer to him as George Pelham, or G. P. Whether the real G. P. has anything to do with it at all, whether there are any “communicators” concerned beyond some part of Mrs. Piper's personality and the personalities of the sitters and other living persons, remains for consideration later. This manner of speech is the most convenient for rendering the facts intelligible to my readers, and is of course merely descriptive of the fashion which they assume. It would give a totally wrong impression of the phenomena were I to simply speak of *Mrs. Piper* as producing the manifestations which occur through her organism in a state of trance; and to attempt to give a full description in each case of what is “claimed” or “alleged” or “purported” would involve a tedious and useless, if not a confusing, repetition. Hence, I shall as a rule refer to the alleged communicators, Phinuit, G. P., and others, as though they were distinct personalities. Superficially at least they take this form; it is this form which gives a very special character to the sittings; and provisionally, therefore, I adopt it, for the sake of clearness and convenience of description.

Another circumstance leading to the improvement of the quality of the evidence was the development of automatic writing during Mrs. Piper's trance. That is to say, Mrs. Piper's hand during the trance is frequently taken possession of by some other “control,” while Phinuit still remains master of the voice. Phinuit “loses the hand,” and apparently is unaware of what it writes. This channel of communication, while not absolutely originated by George Pelham, was developed chiefly by him, and has thereafter served for a large number of different “communicators” as a method substitutive of, or auxiliary to, that of using Phinuit as their intermediary. Further, Phinuit himself claims and appears to have been benefited by the stimulation of his new co-worker in the task of providing proof of supernormal faculty. Later, in March, 1893, Mrs. Piper underwent a capital surgical operation in a Woman's Hospital, for the removal of a traumatic tumour, thereby getting rid of a continual source of ill health which had troubled her for many years, and which had interfered much with her sittings. It was the accumulated result of an injury, caused many years ago by a collision with an ice-sled. (See Appendix III., p. 479). After Mrs. Piper's recovery she was able to give sittings with much greater regularity than before, and appeared to be much less exhausted by them. But in the course of 1895 the development of a serious hernia, not an unusual result after such an operation as hers, again interfered much with her sittings, so that finally another operation became

necessary. This was performed in February, 1896; and it was not till October of that year that she resumed her sittings. Since then her health has been uniformly better than I have ever known it to be, and she may now be regarded as a thoroughly healthy woman.

Altogether, since my last Report, I am familiar with the results of more than 500 sittings, of which, however, only about 130 were for first sitters, and of some of these I received only oral accounts. Of the written reports of first sittings there are many which I am practically unable to use as evidence, owing to the reluctance of the sitters to allow the private matters concerned to be published in any form. There are others which I could publish only under such restrictions and with such alterations that they would lose much of their significance. Others again I am prevented from using by the fact that,—notwithstanding repeated inquiries on my part, and the express or implied promise by the sitters beforehand that such results as were not too private would be at our disposal,—I have failed in getting the sitters to make detailed comments upon the reports. Owing to these various causes a large amount of the best evidence derivable from first sittings is unavailable for publication.

Of the other sittings some fell into series which I am able to use, to a certain extent, as explained below; many were for persons who had frequently sat before with Mrs. Piper, and the communications at these were chiefly of a personal character; many were held by myself or other persons for the purpose of getting some light if possible from the communicators themselves concerning the rationale of the phenomena. This last matter, not being of directly evidential value, is scarcely adapted for publication in detail in our *Proceedings*, or at least not in the present stage of our inquiry; but later in my paper I shall make brief reference to some of it so far as it seems to be of assistance in the way of explanation.

Notwithstanding, however, the mass of matter which it is impossible or undesirable to publish, there are at our disposal more records than it seems at all profitable to print *in extenso*. Much of this available matter contains nothing specially new in character, and resembles the ordinary sittings of which our members have had sufficient illustration in the previous reports. I shall therefore omit many of these entirely and abridge or omit portions of many others, being careful of course to give due prominence to failures.

I may add that the large majority of the sittings were supervised by myself, and I was also the chief note-taker, except in cases where a stenographic reporter was present, or my place was taken by my assistant, Miss Edmunds.

Now, although for the purpose of establishing that Mrs. Piper possesses some supernormal faculty, the records of "first sittings,"

where precautions have been taken to prevent Mrs. Piper's acquiring knowledge beforehand as to the sitter, are especially valuable, they cannot lead us very far in the direction of complete explanation. They may add largely to the proof that Mrs. Piper's trance-personality shows knowledge of particular facts about the sitter which Mrs. Piper cannot intelligently be supposed to have acquired by normal means, that private facts known only to the sitter are frequently communicated, and that occasionally a knowledge is manifested of events entirely unknown to the sitter and afterwards verified. Further, accompanying this exhibition of supernormal knowledge there may be a more or less personal element characteristic of some deceased friend of the sitter, and leading the sitter to the conclusion that he is in direct and actual communication with this departed friend. It is, nevertheless, difficult to suppose that however remarkable such first sittings may be, they could form a satisfactory basis for the "spiritistic" theory. They might indeed be profoundly suggestive of such a theory, and in the minds of many might raise a presumption in its favour, but they would still be apt to remain, for the probing investigator, inadequate; they would still be apt to appear as comparatively isolated groups of facts, bound together, as it were, only by the plastic and mysterious, but persistent personality known as Phinuit.

We might compare such phenomena to those of an imaginary haunted house, where there was continually some manifestation of an intelligent but somewhat unreliable personality, that exhibited strange information about most of the successive visitors to the house—some of whom thought that they felt there the conscious presence of deceased friends and relatives. If we suppose that this haunting phantasm, while giving such strange true information about others, was far from able to give information about itself sufficient to identify it with any once living human being, and that the information actually obtainable concerning the inception of the haunting strongly tended to show that the phantasm represented a character in a purely invented sensational novel, we should be confronted with a problem much like that presented by Mrs. Piper so long as we confine our main attention to the results of first sittings.

When I wrote my previous Report, there were not wanting several instances where the witnesses had enjoyed more or less frequent opportunities of judging as to the knowledge and peculiarities of certain "controls" purporting to be their personal friends. But the only important accounts of these which I was able to publish were contributed by Miss A. M. R. (*Proceedings S.P.R.*, Vol. VIII., pp. 111-114) and Miss W. (*loc. cit.*, pp. 29-34), each of whom had many sittings at which an intimate friend purported to take "control" and use the voice instead of Phinuit.

Miss R. wrote concerning her friend's "control" :—

"In a great many little ways he is quite like what my friend used to be when living, so much so that I am afraid it would take a great deal of explanation to make me believe that his identical self had not something to do with it, wholly apart from the medium's powers or from anything that may be in my own mind concerning him."

And Miss W. wrote :—

"The clearly-marked personality of that friend, whom I will call T., is to me the most convincing proof of Mrs. P.'s supernatural power, but it is a proof impossible to present to any one else."

Now it so happens that I have before me several series of sittings recorded in detail where repeated attempts have been made by the "same deceased person" to communicate. Much the longest and most remarkable of these series of communications has concerned the identity of the young man to whom I have referred above as George Pelham or G. P. Unfortunately, but necessarily, the most important evidence tending to show that the real G. P. was in some way "communicating" cannot be published. It concerns the confidential remembrances of friends, dealing not only with personal matters pertaining to G. P. himself alone, but with incidents of a private nature relating to other persons living. I shall endeavour, however, as far as possible, to give a fairly full description here of the general character of the communications and the kind of evidence offered in justification of the claim that they emanate from the still persisting individuality of G. P. It was the first part of this series in particular to which I referred in the *Addendum* to my previous Report on Mrs. Piper (*Proceedings S.P.R.*, Vol. VIII., p. 58) when I wrote that :—

"Mrs. Piper has given some sittings very recently which materially strengthen the evidence for the existence of some faculty that goes beyond thought-transference from the sitters, and which certainly *primâ facie* appear to render some form of the 'spiritistic' hypothesis more plausible."

Before entering into the details of this series of sittings, it seems desirable that I should describe the development of the automatic writing aforementioned. I may here explain briefly the order which I propose to adopt in this Part of my Report. After describing the development of the automatic writing in Mrs. Piper's trance, I shall first give a somewhat detailed running history of the early G. P. communications, following this by a summary (p. 328) of the general character of the evidence pointing to the real G. P. as the communicator, and offering a preliminary explanation of the failures and deficiencies that may seem at first sight to conflict with this view. I shall then give some brief accounts of other communicators, and proceed to consider specially whether the "spirit" hypothesis or the hypothesis of telepathy from the living is the more probable

explanation of the manifestations in question, pointing out that the results present an appearance precisely in accordance with what we should expect from returning "spirits" communicating under the conditions involved, and that such results do not fall into orderly relation with one another on the hypothesis of telepathy from the living. I shall then give a very brief account of recent changes in Mrs. Piper's trance, and indicate the lines of investigation that seem likely to be most fruitful in this and similar cases.

Much of the illustrative material which I quote, apart from the earlier G. P. communications, will be found in greater detail in the Appendices which follow the body of the Report; but these Appendices contain also other records which are more or less representative, and which I have not attempted to summarise. Appendix I., which contains extracts from a series of stenographically-reported sittings specially concerned with G. P., should be read in connection with section § 3 of the Report, which deals with the G. P. communications. The sittings recorded in Appendix II. cover the period November, 1891, to February, 1893; and those in Appendix III. cover the period from October, 1893,—about which time Mrs. Piper resumed regular sittings after her operation in the preceding March,—to the latter part of 1895. Appendix IV. contains a group of sittings belonging chiefly to the period of 1892, and concerned with the family and intimate friends of Dr. A. B. Thaw. I fear that most of my readers will avoid these somewhat lengthy detailed records, and confine themselves to the incidents which I quote from them in the body of my Report. The psychological student, however, may find them far too few, and I hope in the future to place as complete a record as possible of my detailed investigations in the rooms of the Society.

§ 2. DEVELOPMENT OF AUTOMATIC WRITING IN MRS. PIPER'S TRANCE.

The first case of this automatic writing which I witnessed myself occurred on March 12th, 1892. The sitter, a lady, had taken several articles as test objects, among them a ring which had belonged to Annie D—.

Phinuit made references to this lady, giving the name Annie, and just before the close of the sitting Mrs. Piper's right hand moved slowly up until it was over the top of her head. The arm seemed to become rigidly fixed in its position, as though spasmodically contracted, but the hand trembled very rapidly. Phinuit exclaimed several times: "She's taken my hand away," and added: "she wants to write." I put a pencil between the fingers, and placed a block-book on the head under the pencil. No writing came until, obeying Phinuit's order to "hold the hand," I grasped the hand very firmly at

its junction with the wrist and so stopped its trembling or vibrating. It then wrote: "I am Annie D——[surname correctly given] . . . I am not dead . . . I am not dead but living. . . . I am not dead . . . world . . . good bye . . . I am Annie D——." The hold of the pencil then relaxed, and Phinuit began to murmur "Give me my hand back, give me my hand back." The arm, however, remained in its contracted position for a short time, but finally, as though with much difficulty, and slowly, it moved down to the side, and Phinuit appeared to regain control over it. Previous to this I had witnessed a little of Phinuit's writing, but I was not aware that any other "control" had used the hand while Phinuit was manifesting at the same time. I have since learned from Miss A. M. R., some of whose experiences with Mrs. Piper were described in my former Report (*Proceedings S.P.R.*, Vol. VIII., pp. 111-114), that her "friend H.," to whom she there refers as having written when controlling the body in the absence of Phinuit, wrote several sheets on May 23rd, 1891, and Miss R. finds the note appended:—

"Written when Phinuit had control, but H. said that he seized and controlled the hand and wrote it."

At several other sittings in the course of the next few weeks more writing was produced very similarly, the block-book being held on the top of the head, but apparently with much less inconvenience to Phinuit. On April 29th, 1892, I placed a table so that Mrs. Piper's right arm could rest comfortably upon it, and suggested that the hand should write on a block-book on the table instead of on the head. The arm had already taken up its position with the hand over the head, Phinuit saying that "George" was going to write, but partly owing to my request for the new position, and partly by using not a little force,—the resistance to which was diminished after my repeated request, "You must try to write on the table,"—I succeeded in getting the arm down, and thereafter the writing has been habitually produced with the arm resting, more or less, on a table to the right of Mrs. Piper.

When the arm is being seized "for the purpose of writing," as also to a less extent when Phinuit is regaining control, it shows a certain amount of spasmodic movement, which occasionally is extremely violent, knocking pencils and block-books helter-skelter off the table, and requiring considerable force to restrain it. Sometimes, but not often, the writing will be interrupted by a spasm in the arm, and the hand will be strongly clenched and bent over at the wrist, but after an interval that can be measured in seconds rather than minutes, the hand will be released and proceed with the writing. It is not necessary for Phinuit to stop talking while the hand is writing. On one occasion

when I was present Phinuit was listening to the stenographic report of a previous interview, commenting upon it, making additions to his statements about some objects, and at the same time the hand was writing freely and rapidly on other subjects, and holding conversation with another person, the hand purporting to be "controlled" by a deceased friend of that person. This lasted for over twenty minutes. On another occasion, when I was not present, I was informed that Phinuit for about an hour kept up a specially rapid and vigorous talk, more voluble even than usual with him, with two or three young girls who were present at the sitting, and during the whole of this time the hand was writing on other matters with another person. The only one that appeared to be distracted was the sitter who was talking with the "hand," who was remonstrated with by the "hand" for not paying sufficient attention to it. I have frequently witnessed, during lesser intervals, the "hand" writing with one person and Phinuit talking with another, and also the "hand" writing and Phinuit talking at the same time to myself, and have never failed to get this double action when desired if Phinuit was present and the hand was being used by another "control." In all cases when the "hand" is writing independently of Phinuit, the sense of hearing for the "hand-control" appears to be in the hand, whereas Phinuit apparently always hears through the ordinary channel. This apparent heteræsthesia will be considered in Part II. of my Report.

The writings, of course, as already implied, do not always purport to come from the same person, nor is writing always produced at a sitting. If writing occurs at any sitting it usually purports to come directly from some deceased friend of the sitter. About the characteristics of the actual handwritings themselves I shall have something to say later. At present it is enough to say that they vary superficially a great deal, according to the excitement, so to speak, of the purported "communicator," to the frequency of his writing in that way previously, and probably to other causes difficult to estimate except speculatively. It would seem, moreover, that until instructed in some way, the quasi-personality that guides the writing is unaware that he is *writing*. The process from the point of view of the "communicator" rather resembles the definite thinking of his thoughts, with the object of conveying them to the sitter,—and I feel very sure that this is true whatever theory may be held as to the identity of the "communicator," whether this is what it purports to be, or merely another stratum of Mrs. Piper's mind believing itself to be an extraneous intelligence.

Soon after this writing began, it occurred to me that possibly the left hand might also write, and that it might be possible to get both hands writing and Phinuit speaking all at the same time on different

subjects with different persons, and I remarked to Phinuit that I hoped some day to get a separate "control" of each finger and toe of the medium's body, while he could manage the voice. On February 24th, 1894, what we have called the "E" control wrote in the course of some remarks about certain "mediums": "In these cases there is no reason why various spiritual minds cannot express their thoughts at the same time through the same organism." I then referred to my proposed experiment with the two hands, and said that I would arrange to try it some time, with "E" using one hand and "George" the other, but that I was not prepared to make the experiment at that time. At my next sitting, February 26th, 1894, when I was unprepared and was alone, an attempt, only very partially successful, was made to write independently with both hands at the very beginning of the sitting. On March 18th, 1895, another attempt much more successful was made, when I was accompanied for the purpose by Miss Edmunds. Her "deceased sister" wrote with one hand and G. P. with the other, while Phinuit was talking, all simultaneously on different subjects. Very little, however, was written with the left hand. The difficulty appeared to lie chiefly in the deficiencies of the left hand as a writing-machine.

Sometimes, shortly before the hand starts writing, Phinuit gives notice that some one is "going to talk with you himself." Sometimes the hand is "seized," and passes through its convulsive vagaries while Phinuit gives no sign but talks on with the sitter continuously, even after the writing has started. To give an extreme instance of this, at a sitting where a lady was engaged in a profoundly personal conversation with Phinuit concerning her relations, and where I was present to assist, knowing the lady and her family very intimately, the hand was seized very quietly and, as it were, surreptitiously, and wrote a very personal communication to myself, purporting to come from a deceased friend of mine, and having no relation whatsoever to the sitter; precisely as if a caller should enter a room where two strangers to him were conversing, but a friend of his also present, and whisper a special message into the ear of the friend without disturbing the conversation.

In the case of a new communicator, however, Phinuit frequently requests the sitter to "talk to *him*," *i. e.*, to the hand-writer, though Phinuit is not averse from keeping up the oral conversation as well, if this is desired. Indeed he seems to prefer this, but when the sitter turns to pay attention to the hand, Phinuit frequently makes some such enigmatical remark as "I'll help him," or "I'll help to hold him up." At other times Phinuit will request that an article should be given to himself, so that he might have something to engage his attention, and I have known him to blurt out something about the article

in the middle of the sitting, while the writing is still going on. At any time, apparently, under these circumstances, Phinuit can be evoked from his silence by talking into the ear, and will at once resume the communication while the writing continues without a break.

§ 3. HISTORY OF THE G. P. COMMUNICATIONS.

Now to proceed with the history of the G. P. communications.

Some preliminary statements are required to enable the reader to form a fair judgment on the facts to be presented.

G. P. met his death accidentally, and probably instantaneously, by a fall in New York in February, 1892, at the age of thirty-two years. He was a lawyer by training, but had devoted himself chiefly to literature and philosophy, and had published two books which received the highest praise from competent authorities. He had resided for many years in Boston or its vicinity, but for three years preceding his death had been living in New York in bachelor apartments. He was an Associate of our Society, his interest in which was explicable rather by an intellectual openness and fearlessness characteristic of him than by any tendency to believe in supernormal phenomena. He was in a sense well known to me personally, but chiefly on this intellectual side; the bond between us was not that of an old, intimate, and if I may so speak, emotional friendship. We had several long talks together on philosophic subjects, and one very long discussion, probably at least two years before his death, on the possibility of a "future life." In this he maintained that in accordance with a fundamental philosophic theory which we both accepted, a "future life" was not only incredible, but inconceivable; and I maintained that it was at least conceivable. At the conclusion of the discussion he admitted that a future life was conceivable, but he did not accept its credibility, and vowed that if he should die before I did, and found himself "still existing," he would "make things lively" in the effort to reveal the fact of his continued existence.

On March 7th, 1888, he had a sitting with Mrs. Piper, one of a series arranged by the Committee on Mediumistic Phenomena connected with the American S.P.R. (See *Proceedings S.P.R.*, Vol. VIII., p. 2). The names of the sitters in this series were very carefully guarded by the Committee, and I may add my own opinion that Mrs. Piper never knew until recently that she had ever seen G. P. At the sitting which G. P. attended, the Rev. Minot J. Savage acted as the supervising member of the Committee, and G. P. was a stranger to him. (See p. 326).

G. P.'s conclusion was, briefly, that the results of this sitting did not establish any more than hyperæsthesia on the part of the medium.

I knew of G. P.'s death within a day or two of its occurrence, and was present at several sittings with Mrs. Piper in the course of the following few weeks, but no allusion was made to G. P. On March 22nd, 1892, between four and five weeks after G. P.'s death, I accompanied Mr. John Hart [not the real name], who had been an old intimate friend of his, to a sitting.¹ I understood from Mr. Hart that he had some articles with him to be used as tests, but he gave me no further information than this, though I surmised that the articles might have belonged to G. P. The appointment for the sitting was made by myself, and of course Mr. Hart's real name was not mentioned to Mrs. Piper. I abridge from the notes of the sitting made by myself at the time, and substitute, in part, other names for those actually used.²

The sitting began by some remarks of Phinuit concerning the sitter, followed by an incorrect statement about a cousin said to have died some years before with heart trouble. Mr. Hart presented a *pencil*.³

Phinuit: Cousin. Heart, through here [clutches throat and about breast and lower] something like pneumonia. Do you know that's a brother?

¹ I must mention here that towards the end of 1887, at a time when Mrs. Piper's sittings were given in a very much more haphazard way than at present, I had taken Mr. Hart to Mrs. Piper on the chance of getting a sitting. Mrs. Piper was just about to give a sitting to a lady, so that our visit was futile. In my own opinion this circumstance is irrelevant, but as Mrs. Piper saw Mr. Hart at that time for a few minutes, although his name was not mentioned, it might be regarded by some persons as important. Further, Mrs. Piper was staying in New York with one of our members, Dr. Anna Lukens (who knew nothing of G. P.), at the time when G. P. met his death. She went to New York February 8th, 1892, and returned to Boston February 20th, 1892, as I learned from Dr. Lukens, staying with Dr. Lukens all the time, and giving a series of sittings. Mrs. Piper independently gave me a concordant account.

² Owing to the personal character of many of the incidents referred to in the G. P. communications, I have in nearly all cases substituted other names for the real ones. It has been suggested that the important witnesses in connection with the G. P. evidence may have been in collusion with Mrs. Piper. The absurdity of this suggestion would be at once apparent if their real names were given, but since the only real full names given of actual sitters with G. P. are those of Professors C. Eliot Norton and James M. Peirce, of Harvard University, who are referred to chiefly as cases of being recognised by the communicating G. P. as personally known to him, I state concerning the others that I know personally all but two of the G. P. sitters, and most of them intimately, that they belong to the most cultivated and responsible class in the United States, and that it would be as absurd to suppose any collusion between them and Mrs. Piper as to suppose that the members of the Council of the S.P.R. were in collusion with her. Many of them are also known personally to Mr. Myers, who adds the following statement.—R. H.

I am well acquainted with fourteen of the principal persons cited in the sittings above recorded, in connection with "George Pelham." Several of these, indeed, are among my most valued friends. Not only would the idea of their deliberate collusion with Mrs. Piper be absurd, but I also regard them as very unlikely, from their previous opinions and their character, to supply the unconscious collusion—if I may so term it—of prepossessed credulity.—FREDERIC W. H. MYERS.

³ In the accounts of sittings, the sitter's remarks are throughout given in round brackets, and explanatory notes in square brackets.

(Sometimes he used to call me brother.) He's very close to you. (He isn't my brother, though we used to say it of each other.) [The pencil had been worn by an uncle of mine who died of inflammation of the bladder.—J. H.] [Phinuit here calls out a name that suggests an attempt at *Howards*. See later.—R. H.] (I don't know anyone of that name.)

[Sitter gives locket, saying, "He also wore this."]

Phinuit [fingering locket hard]: It has hair in it. It is the hair of his father . . . George . . . and of another, his mother, too. (Yes, that's right.) The influences are confusing. (I have something else here) [giving watch]. Yes. George. Ha . . . Har . . . Hart. [All correct. The name of my uncle George is in the back of the watch. When he died, my uncle Albert wore it. I did not remember that the name was engraved on the inner case of the watch.—J. H.]

L a l . . . lal . . . Albert . . . is that the way you pronounce it? He is very fond of you. He says he is not d e d . . . d e a d. He will see you again. He is glad to see you. He is very fond of you. [Lal was a pet name my father sometimes called my uncle Albert.—J. H.]

Who is James . . . Jim? (Yes, I know, but he is not dead.) There is another George who wants to speak to you. How many Georges are there about you any way?

The rest of the sitting, until almost the close, was occupied by statements from G. P., Phinuit acting as intermediary. George Pelham's real name was given in full, also the names, both Christian and surname, of several of his most intimate friends, including the name of the sitter.

Moreover, incidents were referred to which were unknown to the sitter or myself.

One of the pair of studs which J. H. was wearing was given to Phinuit. . . . "(Who gave them to me?) That's mine. I gave you that part of it. I sent that to you. (When?) Before I came here. That's mine. Mother gave you that. (No.) Well, father then, father and mother together. You got those after I passed out. Mother took them. Gave them to father, and father gave them to you. I want you to keep them. I will them to you." Mr. Hart notes: "The studs were sent to me by Mr. Pelham as a remembrance of his son. I knew at the time that they had been taken from G.'s body, and afterwards ascertained that his stepmother had taken them from the body and suggested that they would do to send to me, I having previously written to ask that some little memento be sent to me."

James and Mary [Mr. and Mrs.] Howard were mentioned with strongly personal specific references, and in connection with Mrs. Howard came the name Katharine. "Tell her, she'll know. I will solve the problems, Katharine." Mr. Hart notes: "This had no special significance for me at the time, though I was aware that Katharine, the daughter of Jim Howard, was known to George, who used to live

with the Howards. On the day following the sitting I gave Mr. Howard a detailed account of the sitting. These words, 'I will solve the problems, Katharine,' impressed him more than anything else, and at the close of my account he related that George, when he had last stayed with them, had talked frequently with Katharine (a girl of fifteen years of age) upon such subjects as Time, Space, God, Eternity, and pointed out to her how unsatisfactory the commonly accepted solutions were. He added that some time he would solve the problems, and let her know, using almost the very words of the communication made at the sitting." Mr. Hart added that he was entirely unaware of these circumstances. I was myself unaware of them, and was not at that time acquainted with the Howards, and in fact nearly every statement made at the sitting, during which I was the note-taker, concerned matters of which I was absolutely ignorant.

Meredith, an intimate friend of Mr. Hart and G. P., was mentioned. "Lent a book to Meredith. Tell him to keep it for me. Go to my room where my desk is." In reply to inquiries (April, 1892), Meredith stated that the last time he saw Pelham was in Pelham's own room several months before the latter's death. They had spent the greater part of the day together, and Pelham had pressed Meredith to take away some of his manuscripts and books. Thus far the reference to Meredith seems to have been correct. But Meredith was unable to remember definitely that he took any manuscript or book away.

The only references coming from G. P. that were apparently confused or without special significance were the remarks towards the end of the sitting: "Give me a powder; my tongue is wet"—which had no meaning for the sitter (but which the Howards thought might have reference to a time when G. P. was ill in their house)—and the statements below about the handkerchief and perhaps the "Uncle Will." He did leave his papers, letters, etc., "mixed up."

John, if that is you, speak to me. Tell Jim I want to see him. He will hardly believe me, believe that I am here. I want him to know where I am . . . O good fellow. All got dark, then it grew light. Where is Uncle Will? I met Uncle Willie, William. (I don't know what you mean.) Ask *Mother*. She'll know. [G. P. had no Uncle William deceased. He had a deceased great-uncle William, on his mother's side, who was thus the uncle of his mother deceased and his stepmother living, who are sisters.]

Go up to my room. (Which room?) Up to my room, where I write, I'll come. Speak to me, John. (What room?) Study. (You said something about a desk just now.) I left things all mixed up. I wish you'd go up and straighten them out for me. Lot of names. Lot of letters. I left things mixed up. You answer them for me. Wish I could remember more, but I'm confused. C L U B. Went to the Club. Two things at the

Club to make right. (What Club?) His hand-er—(handkerchief). Handkerchief. (What does he want with his handkerchief?) I left it at the Club. (What Club?) O U R . . . did you find it? (Yes, no, you haven't told me at what Club.) I saw you there. It isn't like you, John. [The last time I saw G. was at the Players' Club in New York.—J. H.]

Who's Rogets? [Phinuit tries to spell the real name.] (Spell that again.) [At the first attempt afterwards Phinuit leaves out a letter, then spells it correctly.] Rogers. (What do you want Rogers to get?) I want you to tell Rogers to get my handkerchief. I left it. He found it. Rogers has got a book of mine. (What is he going to do with it?)

[Both Hart and G. P. knew Rogers, who at that time had a certain MS. book of G. P. in his possession. The book was found after G. P.'s death and given to Rogers to be edited. G. P. had promised during his lifetime that a particular disposition should be made of this book after his death. This action which G. P. living had contemplated with regard to the book was here, and in subsequent utterances which from their private nature I cannot quote, enjoined emphatically and repeatedly, and had it been at once carried out, as desired by G. P., much subsequent unhappiness and confusion might have been avoided. Neither Hart nor Rogers knows anything of the handkerchief incident.]

During the latter part of the sitting, and without any relevance to the remarks immediately before and after, which were quite clear as expressions from G. P. came the words, "Who's James? Will—William." [It must be remembered that Phinuit was talking throughout.] This was apparently explained by Phinuit's further remarks at the close of the sitting.

Phinuit: Who's Alice? (What do you want me to say to her?) [To R. H.] Alice in spirit. Alice in spirit says it's all over now, and tell Alice in the body all is well. Tell Will I'll explain things later on. He [George] calls Alice, too, in the body. I want her to know me, too, Alice and Katharine. . . . Speak to him. He won't go till you say good-bye. [The hand then wrote: George Pelham. Good day (?) John.]

[Phinuit's reference seemed to be quite clear at the time to Professor William James, and the three Alices were discriminated. It seemed as though Phinuit's mention of the other Alices had reminded G. P. of the one well-known to him. Alice James, the sister of Professor William James, had recently died in England. The first name of Mrs. James is also Alice. Alice, the sister of Katharine, is the youngest daughter of Mr. Howard and was very fond of G. P.]

As I have already said, the most personal references made at the sitting cannot be quoted; they were regarded by J. H. as profoundly characteristic of Pelham, and in minor matters, where my notes were specially inadequate, such as in the words of greeting and occasional remarks to the sitter, the manner of reference to his mother with him "spiritually," and to his father and [step] mother living etc., the sitter was strongly impressed with the *vraisemblance* of the personality of Pelham.

It so happened that appointments had been made for other sitters, and it was nearly three weeks before a special opportunity was given for further communication from G. P., at a sitting when Mr. and Mrs. James Howard were present alone. In the interim I accompanied several different persons to their sittings, and at each of these Phinuit represented G. P. as anxious to see his friends, using some such remark as "George says, when are you going to bring Jim?" or "George says he wants to tell you about the philosophy of this life." One only of these sitters, Mr. Vance, had been known to G. P., and at the beginning of his sitting, which was on March 30th, 1892, G. P. first wrote a few words to myself expressing a wish to see his father (Mr. P.) about some private matters; then Phinuit spoke for him, saying, "I want to tell you where I am and what I am doing and what this life consists of." Then references were made to two other friends of G. P., who had also been mentioned at John Hart's sitting, and then for the first time the sitter was noticed. "How is your son? I want to see him some time." "Where did he know my son?" "In studies, in college." This was correct: Mr. Vance had a son who was class-mate of G. P. Mr. Vance then asked: "Where did George stay with us?" and received a correct answer, a description of his country house being given. (See pp. 457-8.)

At the Howards' first sitting, on April 11th, 1892, for which I made the appointment, of course without giving names, Phinuit said very little. After a few words at the beginning he gave way for what purported to be G. P. using the voice, and during nearly the whole of the time of trance apparently G. P. controlled the voice directly. The statements made were intimately personal and characteristic. Common friends were referred to by name, inquiries were made about private matters, and the Howards, who were not predisposed to take any interest in psychical research, but who had been induced by the account of Mr. Hart to have a sitting with Mrs. Piper, were profoundly impressed with the feeling that they were in truth holding a conversation with the personality of the friend whom they had known so many years. The following passages are from Mr. Howard's notes taken during the sitting, and may serve to suggest to some extent the freedom with which the conversation was carried on. All the references to persons and individuals are correct.

G. P.: Jim, is that you? Speak to me quick. I am not dead. Don't think me dead. I'm awfully glad to see you. Can't you see me? Don't you hear me? Give my love to my father and tell him I want to see him. I am happy here, and more so since I find I can communicate with you. I pity those people who can't speak . . . I want you to know I think of you still. I spoke to John about some letters. I left things terribly mixed, my books and my papers; you will forgive me for this, won't you? . . .

(What do you do, George, where you are?)

I am scarcely able to do anything yet; I am just awakened to the reality of life after death. It was like darkness, I could not distinguish anything at first. Darkest hours just before dawn, you know that, Jim. I was puzzled, confused. Shall have an occupation soon. Now I can see you, my friends. I can hear you speak. Your voice, Jim, I can distinguish with your accent and articulation, but it sounds like a big bass drum. Mine would sound to you like the faintest whisper.

(Our conversation then is something like telephoning?)

Yes.

(By long distance telephone.)

[G. P. laughs.]

(Were you not surprised to find yourself living?)

Perfectly so. Greatly surprised. I did not believe in a future life. It was beyond my reasoning powers. Now it is as clear to me as daylight. We have an astral fac-simile of the material body. . . . Jim, what are you writing now?

[G. P. when living would probably have jeered at the associations of the word "astral."—R. H.]

(Nothing of any importance.)

Why don't you write about this?

(I should like to, but the expression of my opinions would be nothing. I must have facts.)

These I will give to you and to Hodgson if he is still interested in these things.

(Will people know about this possibility of communication?)

They are sure to in the end. It is only a question of time when people in the material body will know all about it, and every one will be able to communicate. . . . I want all the fellows to know about me. . . . What is Rogers writing?

(A novel.)

No, not that. Is he not writing something about me?

(Yes, he is preparing a memorial of you.)

That is nice; it is pleasant to be remembered. It is very kind of him. He was always kind to me when I was alive. Martha Rogers [deceased daughter] is here. I have talked with her several times. She reflects too much on her last illness, on being fed with a tube. We tell her she ought to forget it, and she has done so in good measure, but she was ill a long time. She is a dear little creature when you know her, but she is hard to know. She is a beautiful little soul. She sends her love to her father. . . .

Berwick, how is he? Give him my love. He is a good fellow; he is what I always thought him in life, trustworthy and honourable. How is Orenberg? He has some of my letters. Give him my warmest love. He was always very fond of me, though he understood me least of all my friends. We fellows who are eccentric are always misunderstood in life. I used to have fits of depression. I have none now. I am happy now. I want my father to know about this. We used to talk about spiritual things, but he will be hard to convince. My mother will be easier. . . .

[As stated above, all the references to persons, incidents, characters, etc., so far as they are known to living persons, are correct.]

Among the private matters referred to was the disposition of the book, concerning which G. P. expressed orally the same desire as before. (See p. 299.) The only writing produced at this sitting moreover was confined to this matter, and was a message to his father repeating his wish.

He referred to a tin box of German manufacture which he said was either in New York or Z—— [giving the name, a very peculiar one, of the locality of his father's country residence]. He said that it contained letters from three persons whom he specified. He wished the Howards to have this box. They replied that the letters were all burned.

G. P. : I think not. I want you to have them. I want you to tell my father about this.

(Can't you give us something that will convince him? something we don't know and he does?)

I understand, a test. You can tell him about this tin box that I left in my room. I know they have taken the chest, but this tin box they have not. [The box was found at Z——, but there were no letters in it. See below.—R. H.]

[Mr. Vance, the sitter of March 30th, 1892, had sent me two questions for G. P., which I requested the Howards to put at their sitting. The questions were "1. What was the purpose of the association you formed two years ago with Miss Helen Vance and two other ladies? 2. Give the names of the two other ladies." My impression is that I gave Mr. Howard my recollection of these questions without having the original letter of Mr. Vance at hand, and probably Mr. Howard put the questions as I gave them to him. His account is as follows :]

Then we put two test questions, by request of Mr. Hodgson : 1st. What was the nature of the Society formed by you and some other young people? He was obviously confused, and in trying to answer said "development." We told him not to bother about it now, but to tell us at next sitting, a proposal which Phinuit recommended, but he himself in his gruff voice suggested "Theosophic." I told him no. He made a try at question 2nd. Names of members of Society, "Helen Dering—Derrick, or Herrick." [The questions were apparently not asked until towards the end of the sitting, and Phinuit had evidently taken control of the voice and was acting as intermediary. The answer must be called wrong, although Helen was the first name of one of the members. See account of next sitting.—R. H.]

April 13th, two days later, was the date of the next sitting, when the Howards were present again, and the characteristic personality of G. P. was, if possible, made still more manifest than at the previous sitting.

The "little tin box" (see account of previous sitting) was referred to again by G. P., and although the sitters repeated "All your letters were

destroyed," he reiterated "No, I think *not*, not those in box." The Pelhams first wrote that there was only a large tin box, which was in New York, not Z—, but finally the "little tin box" was found at Z—, but was empty when found. [Mrs. Howard knew that G. P. had once possessed such a tin box.] This was explained to G. P. at a sitting on May 14th, 1892, by Mrs. Pelham. Phinuit: "That's the one I had reference to. He says he put some letters in before going across the water, but he doesn't remember taking them out.]"

At this sitting (April 13th) G. P. had direct control of the voice for about twenty minutes only. Then Phinuit acted as intermediary, and there was also a little writing, a few lines by G. P., in the form of an affectionate letter to Mr. and Mrs. Howard. Apparently G. P. was more confident of giving his own exact words by the direct writing process than by the method of getting Phinuit to repeat them.

Mr. Howard was absent during part of the sitting, and during his absence G. P. *inter alia* referred to Mr. Vance's questions. (See previous sitting.) The following is from Mr. Howard's notes on his return to the sitting:—

I answered part of that question [the part he answered was correct], but did not give the names of the other two people because it would be no test, because I told her [Mrs. Howard] the names of the other two in life, and as she knows them, if I was to give the names in her presence, they would say it was thought-transference. No, I shall reserve the two names to tell Hodgson some time when he is alone with me, because *he* does not know them. [All true.]

Many will regard this as perhaps an excuse for ignorance, as names subsequently given were not correct.

I wish you could convince my father and make him come here. (Can't you tell us something he or your mother has done?) I saw her brush my clothes and put them away. I was by her side as she did it. I saw her take my sleeve buttons from a small box and give them to my father. I saw him send them to John Hart. I saw her putting papers, etc., into a tin box.

The incident of the "studs" was mentioned at the sitting of Hart (p. 297). G. P.'s clothes were brushed and put away, as Mrs. Pelham wrote, not by herself, but by "the man who had valeted George." The statement made at the same sitting to Mrs. Howard, who had put some violets on the body of G. P. before the coffin was closed: "I saw you put those violets on my body," can of course be accounted for by simple thought-transference from the sitter, and may be regarded as of little evidential value. But other cases mentioned in the reports of somewhat similar incidents just after death are correctly described. (Compare, for example, Phinuit's description, p. 539, of Mrs. Thaw's little child, Margaret, as having some flowers in her hand; it was in her hand, after death, that Mrs. Thaw had placed three little flowers. In the case of Mrs. Sutton's child it was a *book* that Mrs. Sutton placed

in the hands, p. 493, and lilies of the valley in the casket, p. 486. See also the reference by John Hart to the question of the disposition of his body after death, and this was unknown to me, p. 354.)

An arrangement was made with G. P. that he should watch his father and see him do something that the Howards could not know about and tell them at their next meeting, which was fixed for the following day. Mrs. Piper was ill in bed next day, and it was not till April 22nd that the next sitting was held.

Mrs. Howard and myself were present, but I was out of the room most of the time and the record of the sitting was made chiefly from Mrs. Howard's notes written immediately afterwards.

Most of the sitting was private, and of the rest I quote only the passage for which I have contemporary documents.¹ G. P. wrote: "I saw father and he took my photograph and took it to the artist's to have it copied for me. . . . I went to Washington; my father will be hard to convince; my mother not so hard." Mrs. Howard wrote to Mrs. Pelham concerning this and other matters referred to at the sitting. Mr. Pelham wrote to Mrs. Howard on April 24th, 1892:—

. . . The letters which you have written to my wife giving such extraordinary evidence of the intelligence exercised by George in some incomprehensible manner over the actions of his friends on earth have given food for constant reflection and wonder. Preconceived notions about the future state have received a severe shock. . . . My wife is writing. . . .

Mrs. Pelham wrote:—

. . . Some of the things you state are very inexplicable on any other theory than that George himself was the speaker. His father *did*, without my knowledge, take a photograph of him (the same as the one sent you) to a photographer here to copy—not enlarge. The negative had been broken. Mrs. L— was going to have it copied in N. Y., and Mr. Pelham thought he would see what they could do here. . . .

The Howards had arranged for another sitting on April 28th, and in the interim two or three other persons had sittings. On one of these intermediate days I requested G. P. through Phinuit to obtain information, if possible, concerning certain incidents, and communicate the results to the Howards at the next sitting. But the Howards in the meantime, as I learned later, had transferred their

¹ In connection with some of these early sittings, the contemporary notes are deficient. I entrusted my office copy of the whole first batch of G. P. sittings, with appended notes, to Hart, who was about to make a visit to Europe, to show to some friends there, and to be returned to me immediately afterwards. Hart did not return them, was ill for a long time in Europe, where he died in 1895, and I have not been able to recover my original documents. The Howards also later went to Europe for three years, leaving such notes as they possessed stored away in Boston, and it was not till the end of 1897 that I was able to obtain the contemporary documents given above.

sitting to a friend of theirs, Mr. Peirce. It then occurred to me that I would request G. P. at the beginning of the sitting on April 28th to visit the Howards, and bring me word before the end of the sitting concerning the doings of the Howards during the time of the sitting, and I sent a special letter to the Howards, asking them to do various fantastic things and make a memorandum. The sitting was practically a complete failure as regards Mr. Peirce, much that was said being wrong, and what was right appearing to the sitter to be probably derived from indications given by himself (see p. 461). But the sitting had one peculiarity which is noteworthy. I carried out my intention of sending G. P. away at the beginning of the sitting to watch the Howards, and towards the close Phinuit was interrupted by statements about what G. P. claimed to have seen Mrs. Howard doing. In the middle of these statements, the sitter, who was known to G. P., seemed to be recognised.

[*Phinuit speaking.*]

She's writing, and taken some violets and put them in a book. And it looks as if she's writing that to my mother. . . . Who's Tyson . . . Davis (R. H. : I know. That's all right.) [I apparently supposed that these names had nothing to do with G. P.'s communication. Mrs. Tyson was well known to me, and Davis (or Davies) was the name of her father (deceased) whom I had also met.—R.H., 1897.] . . . I saw her [Mrs. Howard] sitting in the chair. By George ! I've seen that fellow [the sitter] somewhere [touching face] (Why, George, you know me) sitting before a little desk or table. Took little book, opened it, wrote letter he thinks to his mother. Saw her take a little bag and put some things in it belonging to him, placed the photograph beside her on the desk. That's hers. Sent a letter to T A S O N (Tyson ?) T Y S O N. Mrs. [R. H. asks for George to tell about sitter's name, etc.] You know [to sitter] that George is a comical sort of fellow. He is laughing very hard. There is some joke about his telling your name, I don't know what. He will not tell. [Phinuit says that George recognises the sitter, but doesn't want to tell because we will say he got it out of the sitter's head.] [See p. 303, where a similar reason was offered for refusal of information which was not afterwards, in its most important part, obtained. In this case, however, the desired information was given before the close of the sitting. See below.—R.H.] She hunted a little while for her picture, sketching. He's certain that the letter is to his mother. She took one of George's books and turned it over and said : "George, are you here ? Do you see that ?" These were the very words. Then she turned and went up a short flight of stairs. Took some things from a drawer, came back again, sat down to the desk, and then finished the letter. [Phinuit kept feeling sitter's head and face. R. H. was urging him to get George to tell about the sitter, etc. Phinuit said at last that George had gone again. R. H. urged Phinuit to find out sitter's name, etc., from George. Finally Phinuit said he had to go, and Mrs. Piper began to come out of trance. Convulsive movements worse than usual, and then whispered voice muttering some words indistinguishable. . . . Further

unintelligible sounds, among which the name Peirce was alone distinct. This name was spoken twice, and was not in either Phinuit's or Mrs. Piper's ordinary voice. Shortly after this Mrs. Piper came to herself.]

Mrs. Piper had seen Mr. Peirce a few days previously (when he tried for a sitting, but Mrs. Piper was unable to go into trance), and as he is well-known in Boston, may have been aware of his name. This is Mr. Peirce's own explanation of the whispering of the name. I do not myself believe that Mrs. Piper did, in her normal state, know his name. I should supplement this by adding that when Phinuit declined to give the name of the sitter on the alleged ground that it would be explained by thought-transference from the sitter, I charged him with ignorance of the name, and implied that his alleged excuse for not giving it was false. This made Phinuit apparently very annoyed, and he upbraided me for my disbelief in him and his "spirit" existence after all that he had done for me. I endeavoured to pacify Phinuit and thought I had succeeded, and he said that he would get the name from George when the latter came back. It was almost immediately after this that Phinuit "had to go." Since this sitting I have frequently heard Mrs. Piper speak during the interval between trance and waking, on the borderline of waking. On rarer occasions I have heard her speak just as she is losing consciousness before the trance. At both these times her voice, though slightly different from the ordinary voice in conversation, is not different to the extent that the remark in my contemporary note above seems to suggest. Sometimes it is a whisper, more commonly not; but it always sounds dreamy or automatic, *i.e.*, it sounds just as I should imagine Mrs. Piper's voice would sound if she were talking in her sleep, either aloud or in a whisper.

Now the statements made as to what Mrs. Howard was doing at the time of the sitting were not one of them correct as regards that particular time, though they seemed to indicate a knowledge of Mrs. Howard's actions during the previous day and a half, as appears from the following statement:—

DEAR MR. HODGSON,—I did *none* of those things to-day but *all* of them yesterday afternoon and the evening before!

Yesterday afternoon I wrote a note to Mrs. Tyson declining an invitation to lunch; this I did at a little table. Later I wrote to his mother at a desk, and seeing George's violets by me in their envelope, gave them to my daughter to put in my drawer, not "into a book." This is the only inaccuracy of detail. The day before I also wrote to his mother, putting his photograph before me on the table while I was writing—two of his photos in fact, one from another photo and one from a portrait I had painted of him; these I afterwards put into his mother's letter. Did "hunt for my picture," my painting of him. Also wondered in my mind what they had done with the photo of me painting, and received letter from Mrs. Pelham saying

they had burned it. What he says about the book is also true, though I can't tell at precisely what time I did it as I was alone at the time. In all other matters my memory is corroborated by my daughter who took the note to Mrs. T.'s, and saw me put photo before me on the desk. She now says that I only put *one* before me on the desk and went and got the other just before putting it in envelope. It was only a minute on table.

While writing to his mother I *did* "go and take things from a drawer, came back again, sat down to the desk, and then finished the letter." This was the letter written at the desk, not the one written at a table.

I am much disappointed that he did not see what I did this morning. I am afraid he was right in saying they had no notion of time. Perhaps it took him too long to come to me, or he did not understand Phinuit's question.

I hope to have a chance to hear what you think of this soon.—Yours,

[MRS. HOWARD.]

P.S.—I don't know whether I made it quite clear that I sat thinking, wondering where the photo of me while painting *could* be, and I think that in the first of the two letters I wrote to his mother, I told her he had asked for it. I know I thought of doing so.

I seldom write to Mrs. Tyson and this note is almost the only one I have written her this winter,—have not written to her for weeks, perhaps months, before this. It is certainly strange that he should seem to know so much of my doings. I feel as if he *must* have seen them.

[G. P.'s reference to a *bag* is apparently incorrect, as Mrs. Howard makes no allusion to it. My impression is that Mrs. Howard told me later that in her letter to Mrs. Tyson she referred to the "G. P." subject, but I can find no memorandum on this point. I was struck at the time by the consideration that all the incidents mentioned were directly connected with the thought of G.P.—R. H., 1897.]

This suggested that G. P. had a very obscure perception generally of our physical world, and that he had mistaken for contemporary physical events a series of recent scenes in Mrs. Howard's subliminal consciousness. A similar conclusion, to which I called attention in my previous report, was indicated by the experiments which I made with Phinuit in relation to the doings of Mrs. Holmes in New York, which I said "strongly suggested that Phinuit in some way was getting glimpses into the mind of Mrs. Holmes, was reading off some of her past experiences." (*Proceedings S.P.R.*, Vol. VIII., pp. 24-25.) Another conclusion to which I have come is that usually for experiments of this type to be successful, the agent should be thinking strongly, and "emotionally," of the real person who claims to act as percipient, and should also be concerned with matters directly relating to him. The failures as well as the successes of G. P. in such experiments point to the existence of a real G. P. as distinguished from a fragment of Mrs. Piper's personality. (See p. 335).

On April 29th, the day following the sitting with Mr. Peirce, Mrs. Howard and myself had a sitting, and nearly all the time was occupied by G. P. writing. I held the forearm firmly in the neighbourhood of the wrist, in accordance with Phinuit's request to "help by holding." The result of this was to keep the arm steadier, so that the fingers could move independently, but such holding at later sittings soon ceased to be necessary, except upon rare occasions.

. . . I must explain some things which you would like to know. I was glad to see Peirce. I could not speak to Dr. Sciville [*i.e.*, Phinuit, who has always given his last name as Sciville. See previous Reports.—R.H.], to make him understand what I wanted him to say, so I tried to tell the medium just as she was coming into her body again, and I hope she told you the test you asked for. Please answer me, did she tell you? (Yes, she gave us the name.) That is all you asked me for. I will now explain. I had so many things in my mind about . . . and other things which you had asked me to do for you. The fact is I really had no time or strength to tell you anything about anybody else. However, I will tell you anything I can from time to time.

. . . The better way for you . . . to get things from me is to ask me to look up things for you and then let me tell them to you quite clearly, and then if you want me to recall my friends when they are here simply ask me. Then my mind is not full of other things. . . I knew Peirce at once, but could not make Dr. Sciville understand the propriety or good of your wanting me to give his name to him for your benefit. . . Tell Mr. Peirce I did not want to slight him or shuffle about, but was so busy with other things, and besides talking to Dr. when in the medium's body . . . read it . . . it is more or less confusing, and I cannot give it so clear. Do you see how it all is, Hodgson? (Yes, I understand exactly.) Words can never express what I feel towards you . . . for trying to get me to do things to explain to you where I am and how I live, and all for you all. Now please give me some tests for me to give to you the next time I come to you.

Mrs. Howard had received some questions from Mrs. Pelham, and one of these was given to G. P. at the latter part of the sitting. "Did you ask your mother to do anything for you in Washington, a short time before your death, something which you cared a great deal about having done, and do you remember what it was?" The answers first given showed that he understood the question as referring to a time after his death, and concerned with communications at previous sittings. After it was explained that his mother wished to know what it was that he had asked her to do in Washington "before he passed out," the following was written:—

I don't think I told you anything, only in regard to getting me some pictures and the papers for my writing. I will give it to you again clearly. There is no use trying to act against what is not given us—strength. We can have so much and no more. I have found that out. Do tell Peirce

how I tried to tell the medium, but I don't know you got, whether you got it or no. (Yes, we got it.) Good. You see I saw her spirit just as she was going in, and as I could not tell Dr. I took that chance. (We got it all right.) Oh, I am so glad. Well, Hodgson, there is no death. What do you think now? (Do you remember our conversation, when I told you about my hypothesis about a physical basis of a future life?) I sneered at it (Well, it wasn't quite so much as that, but you didn't accept it.) No, I did sneer. (Is it the kind of body I suggested, etherial?) It is atheria, and . . . Etherial, and you were right. [See p. 364.] . . . Now give me some more to do . . . that I may prove it to you. Hurry, please, for I am weak. Good bye, friends . . .

[Phinuit then made a few remarks about the difficulty of seeing things clearly, etc.—“It is like looking through a key-hole into a room and trying to find out about the people passing backwards and forwards.”]

It was ascertained later from Mrs. Pelham that a lady well-known to G. P., whose home was in New York, had been taken ill in Washington during a visit there, and that G. P. had requested his mother to call upon her. The answer would have been, “To call upon Mattie Johnson.” [This is not the real name.] Following the words, “Good bye, friends,” in the above writing came three or four other words.

The last five letters written at the sitting were not all deciphered at the time; apparently they formed no word, and I had evidently tried to link the letters into some significance with what immediately preceded by *conjecturing* a reading which altered one of the letters and made two words out of them, and putting my conjecture in square brackets with a note of interrogation. On recently examining the original writing I found that these five letters were quite clear, and represented the first five letters of the first name (one or other way of spelling it) of the lady whom G. P. had wished his mother to see in Washington, and whose name would have been the substantial part of the answer to the question. In case I might be misreading the writing, I submitted it independently to Miss Edmunds and Dr. W. R. Newbold, both of whom have seen much of Mrs. Piper's automatic writing. I gave them no indication whatever as to any possible interpretation. Miss Edmunds interpreted the letters as *Matil*, and Dr. Newbold interpreted them as *Matie*—“short, of course, for Matilda.” Both these interpretations had occurred to myself. Although I have substituted other names, the analogy is very close. The case would appear more remarkable if I could mention the actual circumstances. I do not know of any other word in the English language that the letters concerned could stand for except the first name of the lady in question.

This may appear to be a very trivial circumstance, but it is by paying special attention to the mistakes and the obscurities and the

oddities of these curious trance-phenomena that the most advance, as I believe, has been made. There are instances in later sittings which indicated that when some question in the nature of a test had been put to G. P., the answer to which had been known to the once living G. P., some desperate attempt was made to give the answer in one way or another, by a last movement of the hand in writing, a last utterance through Phinuit, or automatic speech by what I may call Mrs. Piper's *ordinary subliminal*, as in the case recorded above, where the name "Peirce" was given by Mrs. Piper as she was coming out of trance, in reply to the request for the name of the sitter.¹ There are instances also suggesting that the same kind of supreme effort, as it were, has been made by G. P. on behalf of other persons. Take, for example, the two following cases. At a sitting shortly after this in New York, G. P. was acting as amanuensis for a deceased lady whom he had known when living. The first name of this lady, a very unusual one, had been given, also the place where we had both been guests together for a week or two one summer was designated, and G. P. went on to write some more general statements at her dictation, which were not meant specially for my benefit. While these were being written I asked for the surname of the lady, and G. P. rebuked me decidedly for my interruption, and proceeded with the statements without answering my question. "This," thought I, "is an evasion; it would have been much easier to have written the name, if it were known, than to spend so many words in telling me not to interrupt," and my suspicion seemed to receive confirmation later, when the writing ended without (as I thought at the time) any sign of a reply to my question. Phinuit followed with a few words about other matters, but stopped suddenly and called out the letters M A N N O R S (pseudonym), in fact almost shouted them, and then repeated the letters, spelling them as before. He said that George was "yelling at" him to say that. The letters which Phinuit gave were indeed the answer to my question. Phinuit spelt the surname of the lady, but did not pronounce it (p. 471).

Another striking case occurred at the end of M. Paul Bourget's sitting on December 11th, 1893. He put four test questions to the chief communicator at his sitting, and after the writing apparently was finished and the hand dropped, it was seized again suddenly and violently, and wrote a name beginning with A, but the other letters were indecipherable. This was followed by the name Venice, and then another unavailing attempt at the name A . . . I understood

¹ This particular desire to answer "test questions" if possible at the sitting where they were asked seems to have originated after my discussion with Phinuit at the sitting of April 28th, where I urged my dissatisfaction with the reason offered for not giving the sitter's name at once (p. 306).

from M. Bourget at the time that a name beginning with A was the correct answer to one of his questions, but he has not replied to my inquiries on this and other points. He himself noted that "Venice" was correct (apparently as the answer to one of his questions); another question had been answered previously (see p. 375).

It is, of course, by no means usually the case that the last scrawls are apt to be evidentially the most valuable. On the contrary, the latter part of a sitting, *ceteris paribus*, is apt to be inferior, owing to the growing exhaustion of the medium, or what the communicator would be more likely to describe as the dimming of the light, and *pari passu* with this dimming there is a tendency for the intelligence at work to become dreamy and confused. But when it appears that the intelligence at work has temporarily ceased from the act of communicating, and afterwards almost immediately returns to give another word or two, the circumstances do justify the expectation that the final fragments may be specially worth study. The explanation offered is that the communicator's mind, when the act of communicating is broken, regains the balance which it lost while communicating, realises more fully the questions that were put, and recalls more clearly the answers. The swift resumption of communication while the answers are "on the mind," and before other thoughts can intervene, is likely to result favourably.

I think it probable myself, then, that there was some such attempt in the last writing of the sitting of April 29th. The answer to Mrs. Pelham's question was unknown to the sitters at the time, and we apparently endeavoured to connect the last letters with what preceded. It never occurred to us to look for an answer to Mrs. Pelham's question just there, whereas after my later experience it is precisely the place where I should expect to find the answer, especially after G. P.'s statement earlier in the sitting, "I will give it to you again clearly."

I may add a few words in explanation of the general tenour of the sitting of April 29th. It was important in helping to bring about an appreciation of the difficulties in "communicating," and of the methods to be followed for avoiding confusion. G. P. evidently tried to explain some of the limitations to which he was subject, and which I think hold good whether we suppose the G. P. communicating to be the complete veritable once embodied G. P., or only a small portion of that G. P., or a fragment of Mrs. Piper's subliminal consciousness. He urged that when he came full of information for which I had asked, he should be allowed to give it before being despatched, so to speak, on another errand, and that when he had certain things to say to me he should not be interrupted by other requests. It was some time, however, before I understood fully the advice which now seems so clear to me, and I

would, for the benefit of other investigators, specially emphasize the fact that this advice appears to me to be good, even if we distinctly adopt the view that we are here concerned, not with any extraneous intelligences, but with some subliminal personality of the medium's.

At the next "G. P." sitting, on May 14th, in New York, when Mrs. Pelham was present (see below) she "asks about a letter written by a friend after he passed out, and places a letter on Mrs. Piper's head."

The friend was Mattie Johnson, p. 309.

[Written.] Oh yes, I know her, but cannot recall her name. Mother, I truly cannot think of her name. (Don't you remember you asked me to go and see her?)

[Phinuit speaks.] "The test you were after?"

[Written.] I wanted you to go and see her, but I have forgotten her name. (It begins with an M.) I think it was Matilda.

No further reference was made to this until during a sitting on December 5th, 1892, when in the midst of another entirely unrelated enquiry which I was making (see p. 423) G. P. suddenly referred to Mattie Johnson, asked if she was better, and also wrote "Washington." I paid no special attention to this, but went on with my previous inquiry.

The sitting of May 14th, from the record of which I have quoted above, was held at the house of Dr. A. B. Thaw, at whose invitation Mrs. Piper had gone to New York, and whose guest she was during her stay. I arranged for the sitting with Mr. and Mrs. Pelham, who were unknown to Dr. Thaw, and introduced them under other names. Phinuit began by saying that somebody was going to write, and the writing started: "Hallo, father and mother, I am George." There were three different batches of writing, with intervals of speech by Phinuit on behalf of G. P. Several articles which had been taken by Mrs. Pelham were seized with much excitement, and appropriate remarks made about them, or actions performed. My report, however, is too fragmentary to be of much service as regards the ensuing conversation. There was a very strong personal element, and an intimate knowledge was shown of private family matters, especially in connection with a living brother. But there was also a certain amount of confusion, probably owing chiefly, as I now think, to the continual change of subject. G. P. had various questions to ask, and so had the sitters, and they were continually interrupting each other. There were three questions, besides the one concerning Mattie Johnson, which were apparently not answered, or answered incorrectly.

(Mrs. Pelham: What did you give Rogers to publish in the *Cosmopolitan*?) . . . He says that's about his life. [See p. 301.] [Mrs.

Pelham explains that she means something which George gave to Rogers to publish in his magazine before George's death.] He'll write it. [Hand moves as though wishing to take pencil, but then apparently relinquishes the idea.]

No further reference was made to this. G. P. turned the conversation, through Phinuit, to family matters. Later on Mr. Pelham asked a question about a lady, giving her name. Thereupon Phinuit repeated three other Christian names of ladies which had no relevance, and again the subject was changed. Towards the end of the sitting, while writing was going on, Mrs. Pelham asked about a MS. book of poems, and the reply came, "That has been laid in one of my drawers."

[Mrs. Pelham says that ^{at} this isn't so.] Ask Harry Meredith. [Mrs. Pelham remarks that she thought Harry Meredith was dead. R. H. says that he supposed that Harry Meredith was living, but was not sure.] Harry will tell. [See p. 298. Harry Meredith was then and I believe still is living.—R. H.] It is not right for me to stay longer.

There was evidently some misunderstanding about this question, as the book referred to was the one about which G. P. had shown a full knowledge at previous sittings, but the confusion may have been due to the failing energy, as the trance was just about to end. All other questions apparently were exactly appreciated, references to his brother, to his father's two different homes, to the circumstances of the accident that caused his death, to his own mother and sister deceased, his unfinished MSS., books and letters that he had received and that he wished to be returned, and the mutual relations between his father and mother and certain friends. Great anxiety was shown by G. P. to make some arrangement for giving tests by describing at a later sitting what his father and mother were doing at some specified time, and it was decided that he should follow them that afternoon, during which they should do something special having relation to him, which he should recount at the next sitting. The day was Saturday, and the next sitting was held on the following Monday, Mrs. Howard (who was visiting New York) and myself only being present. Mr. and Mrs. Pelham, who were staying at a hotel in New York, left Dr. Thaw's house immediately after their sitting on Saturday morning, and did not enter it again. After Phinuit had said a few words at the sitting on Monday, May 16th, I was sent out of the room, and then G. P. took direct control of the voice and talked for some time with Mrs. Howard. Almost immediately after my return G. P. stopped speaking and began to write. He first (in the writing) expressed his desire to see Berwick soon, a friend of his whom he mentioned to the Howards at their first sitting (see p. 301), and I then asked him what his father did on Saturday afternoon.

I saw him take some notepaper and write an explanatory letter to Frank about what I had said to him when I saw him in or on that day. [Phinuit says: "Do you understand?"] (Yes.) [Then followed some indecipherable words, some of which resemble "*et tout cas.*"]

The flowers which I saw mother put before my photo, she and father will understand . . .

[The next sentence not written, but spelt out by Phinuit.] I saw them do [patting] I saw mother put them under my picture on the afternoon of which he spoke to me to watch him.

[Written.] In connection with this I saw them open my book and place therein a picture of X. Y. That is all of importance that I saw them do. I saw you [Mrs. Howard] and saw father give you the roses.

[Spoken by Phinuit.] He saw you take a picture—that is after he had a talk with his father. Then you went to some place to get a picture. (Of whom?)

[Phinuit stumbled over a word sounding something like "himself."]

[Written.] Himself my myself. [Mrs. Howard asks which picture, showing portraits, at one of which Phinuit says, "That's it." I mean the one you got from the photographer. I saw you take it and hold it in your hands before you and talk to me. (What did I say to you? Did I speak to you?) Yes, it but what you said was wholly mental. . . .

[Phinuit speaks on behalf of G. P.] Ask Hodgson whether this is important to him or not. I am determined to [writing again] transfer to you my thoughts, although it will have to be done in this uncanny way. (Never mind. That's all right. We understand, etc.) Good. I will move heaven and earth to explain these matters to you, Hodgson. [Phinuit speaks.] You see I am not asleep. [Written.] I am wide awake, and I assure you I am ever ready to help you and give you things of importance in this work. [Phinuit speaks.] It was like Greek to him before he came here. I could not believe this existence. [Written.] I am delighted to have this opportunity of coming here to this life, so as to be able to prove my experiences and existence here. Dear old Hodgson, I wish I could have known you better in your life, but I understand you now, and the philosophy of my being taken out and (Didn't you go too soon?) Not too soon, but it is my vocation to be able to explain these things to you and the rest of my friends. (Does it do you harm?) And it is all nonsense about its doing me harm, for it surely does no harm, and will help to enlighten the world. What think you, Hodgson? (I agree entirely. I think it's the most important work in the world.) Oh, I am so glad your exalted brains are not too pretentious to accept the real truth and philosophy of my coming and explaining to you these important things. (Now, George, we mustn't keep the medium in trance too long.) Do not worry about her, she is having a good time, and I will do no harm. You know that too well. [Phinuit speaks.] He says he's not an idiot. (Oh, I know he's not an idiot, etc.)

[Written.] I understand. You see I hear you. Now I will proceed with my important conversation. Your material universe is very exacting, and it requires great practice and perseverance to do all I want to say to you. . . .

Mrs. Howard informed me that all the statements about the circumstances connected with herself were correct, and she left at once to ascertain whether the statements concerning the doings of Mr. and Mrs. Pelham on the Saturday afternoon were also correct. My impression¹ is that Mrs. Howard was aware, from some knowledge which she obtained directly or by inference during a call upon the Pelhams on the Saturday, that they had done something with flowers and photograph. The other matters mentioned were entirely unknown to her, though she might indeed have surmised, consciously or unconsciously, that Mr. Pelham would contemplate writing to Frank such an explanatory letter as was indicated. It appeared that two of the acts attributed to Mr. and Mrs. Pelham had been done as described, nor were there any other test incidents, but the third, viz., the writing of a certain explanatory letter to Frank (brother of G. P.) had not been actually carried out. Mr. Pelham had intended writing such a letter on the Saturday afternoon, and had consulted his wife about the proposed contents, but had not found time to write. This experiment again suggests that the supernormal knowledge shown of our physical world by the communicators through Mrs. Piper is obtained indirectly and telepathically through the minds of living persons, rather than by a direct visual perception such as we enjoy.

There was no further opportunity for investigating G.P. at that time, as Mrs. Piper was giving a series of sittings under the arrangement of Dr. A. B. Thaw, at that time living in New York, by whose special kindness I was enabled to make the appointments for the sittings of May 14th and 16th. However, G. P. rendered assistance at least by acting as amanuensis for other communicators at more than one of the sittings which followed in May and June in New York, and on May 29th talked at our request into a phonograph, to which unfortunately we trusted for a record of the conversation, but were disappointed. (See Appendix IV., p. 563).

Within a few days after this Mrs. Piper gave one or two sittings to personal friends of her own who lived in the neighbourhood of Boston, and was then away in the country resting during the summer, not resuming her sittings till the autumn. Special arrangements were then made, owing to the generosity of one of our members, for having a series of stenographically reported sittings which should be devoted to further inquiries concerning the G. P. personality. Mrs. Piper suffered much from ill-health during the winter of 1892-3, the cause being some tumours, for the removal of which an operation was finally necessary (see p. 479). This interfered to some extent with the sittings, of which, however, we were enabled to hold fourteen reported

¹ See footnote p 304.

stenographically. Many other matters were referred to in these sittings besides those connected with G. P. I shall here refer only to some of the more important incidents having relation to G.P.'s identity. Those which I give in brief will be found more in detail in Appendix I., together with some additional extracts and abridgments and explanatory comments.

The sittings were held in the library of Mr. Howard's house, in Boston, in the evening. It was necessary, of course, to offer some explanation to Mrs. Piper for our making such an arrangement, and I informed her that we wished a special series of sittings for the purpose of getting statements from a communicator whom we had agreed to call *George*. This, as a matter of fact, was his real first name, but I thought it highly probable that it would be used by some of the sitters in Mrs. Piper's presence during her normal waking state. My own belief is that Mrs. Piper was unaware till long afterwards that *George* was any more than a pseudonym; but, of course, for purposes of evidence it must be assumed that she knew the full real name and was thoroughly acquainted with the object of our inquiry.

The first sitting of the series was held on November 22nd, 1892. G. P., in his first writing, referred to his knowledge of the place, and asked Mr. Howard if he remembered how he, Mr. Howard, always knew just where to find certain books. G. P., living, and Mr. Howard had frequently talked together there and had occasion to turn up references to one book or another, and G. P. had remarked several times on Mr. Howard's accurate knowledge of the location of books on his shelves. G. P., later, using the voice, asked about the letter that Orenberg wrote to Mr. Howard in regard to his "passing out," and made a remark which seemed to show a specific knowledge of its contents. It was Orenberg who informed Mr. Howard of G. P.'s death, by telegram, followed by letter. G. P. then wrongly stated that his father was at that minute writing a letter. He then said, "Get me my hair." Since the last sitting in the previous spring, Mrs. Pelham had sent Mrs. Howard some of G. P.'s *baby* hair. Mrs. Howard was not consciously thinking of this and had forgotten to bring it into the room. After receiving it, G. P. said: "Mother gave it to you. She had it a long time."

At the next sitting, November 28th, Mrs. Howard's eldest daughter, Katharine, was present part of the time. She was greeted, naturally, by G. P., who used the voice, and later asked her about her violin, and said it was horrible to hear her playing it. G. P., living, was annoyed by her practising it when she was a little child. He asked after a special picture which he had owned, and was told that it had been torn up after his death. Mrs. Howard presented a picture for recognition, and G. P. placed it on top of the head, and said it was their summer house,

but that he had forgotten the name of the town.¹ Such a temporary forgetfulness, it may be observed, would not be unnatural in any one of us. It was some years since the Howards had lived there in the summer, and they had since spent their summers in another country place, X—ville, to which G. P., later, spontaneously referred, not at the moment remembering the first part of the name, "Then you bought a place at some *ville*." When Mrs. Howard mentioned the name of the first country place, D—, G. P. at once correctly referred to the little brick house and the grape-vine, and asked specially where the little out-house was. This is noteworthy, as the "little brick hen-house," Mrs. Howard notes, "just did not come into the picture." On the other hand, it may be said that a country house is sure to have an out-house. Further, Mrs. Howard handed another picture to G. P., but he at once said that he had no recollection of it, and, as a matter of fact, G. P., living, had never seen it. Less evidential were the following: That his father had had a book printed (his father had printed G. P.'s poems in a small volume, which appeared just before the first sitting of this series); that a basket presented was his (it had been given by him as a Christmas present); that a paper presented by Mrs. Howard was written to him by her that morning (it was a poem on death, written that morning with G. P. in mind, but no reference to G. P. in it); that a letter presented was written by himself a long time ago (correct); that a newspaper presented by Mr. Howard had been sent to him by Orenberg (it was a foreign newspaper, still in its wrapper, that Mr. Howard had received from Orenberg that morning, and that he had at once hidden away without telling any one of it; but G. P. first mentioned the name of John Hart in connection with it, both John Hart and Orenberg being in Europe). More personal was the

¹ I may say here that on different occasions in past years I examined Mrs. Piper's eyeballs during the trance, and always found them rolled up, and my conviction is that the trance-personalities do not obtain any information by the ordinary process of vision. It may be assumed, however, that Mrs. Piper rolled her eyeballs up temporarily when she supposed that an examination was about to be made, and even that she possesses, during the trance state, some hyperæsthesia of ordinary vision. When the hand and voice are being used by the same "control," and an article is given to the hand, it must be assumed, in the absence of indications to the contrary in the record, that the article may have come within the field of her vision. When the hand is being used independently of the voice, the head is invariably turned away from the hand, and under ordinary circumstances (unless the head is lifted and turned and sustained by the sitter) the hand on the table and any articles presented to it there are outside the field of vision. With the development of the automatic writing Phinuit seemed to lose the ability to support the upper part of the body, which tends to sag forward and downward with the head turned to the left. In the early stages of the development of the automatic writing it was usually supported to a certain extent in that position by one of the persons present. Later on cushions were arranged on a table in front and somewhat to the left of Mrs. Piper, and the head has usually been allowed to rest more or less buried in these cushions, but still turned to the left.

remark to Mr. Howard in connection with James Peirce: "When you dine with him, think of me." G. P., living, occasionally dined at the house of Mr. Peirce in company with Mr. Howard. The suggestion to Mr. Howard, "Get the long pipe and smoke," may be regarded by some persons as a guess. It was, however, well known to G. P., living, that Mr. Howard was in the habit of smoking a long pipe in the evening.

At the third sitting there was little that can be quoted as of evidential nature, most of the time being occupied by questions concerning G. P.'s new state of existence. Reference was made to Plato's views in connection with a discussion which I had with G. P. living, in a way which indicated a knowledge of the specific issues involved in that discussion. (See p. 363.) Another daughter of the Howards, Evelyn, was present during part of the sitting. G. P. living used to tease her a good deal, and one of the first things said was "I won't tantalise you now," and afterwards again, "I used to torment Evelyn; but she will forgive me, I know." During the last part of G. P.'s conversation with Evelyn the other sitters were sent away. G. P. wished, as it appeared, to give her some ethical advice. Evelyn gave a brief account of the conversation immediately after the sitting, from which it appeared that G. P. asked if she remembered the little book which he had given her and had written her name in. This was correct. Evelyn had been looking at it a few days before. G. P. wrote some words and told her to compare them with his writing in the little book. There was no special likeness between the two writings. (For remarks on the handwriting see Part II. of this Report.)

Part of the fourth sitting was occupied by G. P. in explaining, in reply to questions by R.H., some of the obscurities in his conversation of the previous sitting concerning his new existence.

During this, G. P. made some side remarks, as it were, to Mrs. Howard, asking her about Mrs. Warner (who was known to G. P. living, and had visited Mrs. Howard that morning and talked with her on the G. P. matter) and referring to "another friend I used to know, a Mrs. Easton," Mrs. Howard for a moment not thinking who was meant, and then remembering that Mrs. Easton was the sister of James Peirce (see p. 305). In the latter part of the sitting Mr. Marte, an old friend of G. P., came into the room with Mr. Howard. G. P. had been using the voice, but apparently was unable to continue doing so, and wrote a little. There was some confusion, apparently, in what followed. (See the detailed account, p. 420.) Mr. Marte was recognised, and the subject in which he was specially interested was referred to by G. P.; the excitement in the hand and the remarks made by G. P. were quite in keeping with the relations which had existed between Mr. Marte and G. P. living. But Mr. Marte is so well known

both as an author and a lecturer that any mere knowledge of his name and work cannot be regarded as having any evidential value.

The fifth sitting was largely occupied with other inquiries and communications. Mr. Howard was not present and Phinuit at the beginning of the sitting said that G. P. had gone to find him. Later on G. P. wrote that Mr. Howard had gone to see his friend Fenton. This was correct. Fenton lived in a town in the country. In reply to a question as to what Howard and Fenton were talking about, G. P.'s statement "about this very subject and about me," although correct, cannot of course count for anything evidentially, as it was so probable, but the statement made earlier in the sitting, at 9.10 p.m., that Mr. Howard was reading, or was a few minutes previously, and which was afterwards ascertained to be correct, perhaps counts for a little in the direction of telesthesia. G. P. also said that he had something to tell Orenberg that would surprise him, and told us to ask Orenberg "what he wanted to destroy my papers and letters which I gave him," the fact being that Orenberg had helped Mr. Pelham to destroy G. P.'s letters after his death. This, however, was known to the Howards.

In connection with this I may refer to an incident that occurred much later, at a sitting with Mr. A. B., on April 17th, 1894, who inquired whether G. P. knew what he, Mr. A. B., had done on G. P.'s behalf after the latter's death. G. P. stated correctly that A. B. had destroyed some "cigar checks" which he had left about. These had apparently been returned to G. P. living, after his payment of Club bills, and after G. P.'s death Mr. A. B. had found them and destroyed them.

During the sixth sitting, December 7th, G. P. asked for his mother's letter. A letter from his mother had been received by Mr. Howard, and this was put into the hand. As I have explained elsewhere (p. 317 footnote) when the hand is "controlled" apparently independently of the head, the head sags down and to the left in such a position that the hand is outside of the field of vision, and there is no possibility of Mrs. Piper's reading by any normal process a letter given to the hand under those circumstances. After handling the letter G. P. stated correctly that his father was not well, that his mother said in the letter that she was going somewhere, that the house and property in N. Y. were to be disposed of. These matters were mentioned in the letter and also known to Mrs. Howard who had read it. When asked to mention the name of the place he wrote Potomac. This was not correct. The name of the place had been mentioned correctly by G. P. at a previous sitting (p. 302).

I think it improbable that there was here any clairvoyant reading of the letter, but that the information was obtained possibly from the

mind of Mrs. Pelham by some process akin to teleesthesia, or perhaps from the mind of Mrs. Howard by direct thought-transference. In the ninth sitting of this series, December 19th, when G. P. was using the voice, a letter written by Mr. Pelham was given to him by Mrs. Howard. The Howards supposed that it was a letter in which Mr. Pelham referred to G. P.'s manifestation at the sittings and his own interest in hearing of them. It was not, however, this letter, but another one from Mr. Pelham entirely on business matters, which Mrs. Howard had given. Yet G. P. referred to the character of the contents of the letter which directly concerned himself, saying that his father "believes that I exist. He was pained, but he is no longer pained, because he feels that I exist." This was right, but obviously was not obtained by any reading of the words of the letter which had been given. It may be said that G. P. merely made a not unlikely guess, especially since he had been told that there was something in the letter that would please him; but if any supernormal knowledge was shown it must apparently be ascribable either to some direct appreciation of his father's state of mind or to thought-transference from the Howards.

To return to the sitting of December 7th.

Mr. Howard asked what it was G. P. referred to at the previous sitting in connection with Orenberg, and the reply was that Orenberg had written to Mr. Howard and wanted to know what G. P. had to say. This, though true, would have been more interesting, as Mrs. Howard suggested at the time, if told before the letter had been received.

At the next sitting, December 9th, where Mr. Marte was again present, and asked some questions on philosophical subjects, there was much confusion. Both Phinuit and G. P. complained at the beginning of the sitting that the "light" was weak, apparently owing to Mrs. Piper's increasing ill-health (which eventually led to an operation in March, 1893). Nearly all the following sittings were much shorter, and contain less characteristic matter. Mr. Marte inquired *inter alia* concerning a book on the *One or Many*, but G. P. showed no knowledge of it. This apparently was the name proposed by G. P. living in conversation with Mr. Marte, for a book written by G. P. It existed only in MS. form. It is at least doubtful whether G. P. living thought of it under the title proposed by him to Mr. Marte.

Later on in my Report I shall mention some other incidents in connection with the series of sittings to which I am now referring, but I give here portions of the account of the eleventh sitting of the series, December 22nd, 1892 (see p. 438).

At the sitting a personal incident was correctly mentioned by G. P., in connection with a particular occasion of one of his meetings with the Howards. In reply to inquiries he specified correctly that it was in N. Y., but was

unable to give the precise circumstances ; gave names of two common New York friends incorrectly in reply to the query where the dinner was when they met. . . . Arthur C—— was referred to as a friend, and the town Portsmouth was also mentioned, near which Mr. C—— lives in the summer. [Correct.]

It was during this sitting that perhaps the most dramatic incident of the whole series occurred. Mrs. Howard was supporting Mrs. Piper's head, I was following the writing, and Mr. Howard was sitting some distance away smoking a long pipe, when the following conversation ensued.

G. P. : "Now, what will I do for you?"

R. H. : Well, George, is there anything that you would like to give us, any special message that you thought it would be desirable for us to have, or anything about philosophy, we should be glad to have that !

Mr. Howard : Well, George, before you go to philosophy—you know my opinion of philosophy—

G. P. : "It is rather crude, to be sure."

Mr. Howard : Tell me something, you must be able to recall certain things that you and I know ; now, it makes no difference what the thing is ; tell me something that you and I alone know. I ask you because several things I have asked you, you have failed to get hold of.

G. P. : "Why did you not ask me this before?"

Mr. Howard : Because I did not have occasion to.

G. P. : "What do you mean, Jim?"

Mr. Howard : I mean, tell me something that you and I alone know, something in our past that you and I alone know.

G. P. : "Do you doubt me, dear old fellow?"

Mr. Howard : I simply want something—you have failed to answer certain questions that I have asked—now I want you to give me the equivalent of the answers to those questions in your own terms.

G. P. : "What were they?"

Mr. Howard : The questions were about where we dined, and that you did not remember [see above, pp. 320-1] ; now tell me something you do remember.

G. P. : "Oh, you mean now."

Mr. Howard : Tell me something now that you remember that happened before.

G. P. : "Well, I will. About Arthur [see above] ought to be a test. How absurd . . . what does Jim mean? Do you mean our conversation on different things, or do you mean something else?"

Mr. Howard : I mean anything. Now, George, listen for a moment, listen, listen.

G. P. : "I know"

Mr. Howard : I mean that we spent a great many summers and winters together, and talked on a great many things and had a great many views in common, went through a great many experiences together. Now [G. P. commencing to write] hold on a minute.

G. P. : "You used to talk to me about . . ."

The transcription here of the words written by G. P. conveys, of course, no proper impression of the actual circumstances; the inert mass of the upper part of Mrs. Piper's body turned away from the right arm, and sagging down, as it were, limp and lifeless over Mrs. Howard's shoulder, but the right arm, and especially hand, mobile, intelligent, deprecatory, then impatient and fierce in the persistence of the writing which followed, which contains too much of the personal element in G. P.'s life to be reproduced here. Several statements were read by me, and assented to by Mr. Howard, and then was written "private" and the hand gently pushed me away. I retired to the other side of the room, and Mr. Howard took my place close to the hand where he could read the writing. He did not, of course, read it aloud, and it was too private for my perusal. The hand, as it reached the end of each sheet, tore it off from the block book, and thrust it wildly at Mr. Howard, and then continued writing. The circumstances narrated, Mr. Howard informed me, contained precisely the kind of test for which he had asked, and he said that he was "perfectly satisfied, perfectly." After this incident there was some further conversation with references to the past that seemed specially natural as coming from G. P.

"About my work, yes, my writing, I used to help you in my work, and you ditto. . . . Jim, I am dull in this sphere about some things, but you will forgive me, won't you? . . . but like as when in the body sometimes we can't always recall everything in a moment, can we, Jim, dear old fellow? . . . God bless you, Jim, and many thanks. You often gave me courage when I used to get depressed. You know how you especially used to fire at me sometimes, but I understood it all, did I not, old fellow? . . . and I used to get tremendously down at the heel sometimes, but I am all right now, and, Jim, you can never know how much I love you and how much I delight in coming back and telling you all this . . . When I found I actually lived again I jumped for joy, and my first thought was to find you and Mary. And, thank the Infinite, here I am, old fellow, living and well . . ."

Characteristic also of the living G. P. was the remark made to me later, apparently with reference to the circumstances of the private statements:

"Thanks, Hodgson, for your kind help and reserved manners, also patience in this difficult matter."

As I have already said, Mrs. Piper suffered much from ill-health at this time, and the last sitting given before her operation was held on March 12th, 1893. This sitting was held primarily that the doctors who were to operate might have some experience of Mrs. Piper's trance in case any unusual feature might develop while she was undergoing the operation under ether. G. P. wrote only a few words of advice,

saying that he came "just one minute to speak to you. I understand everything now. I will wait for you and be with you all I can in the meantime."

Phinuit gave a description of Mrs. Piper's trouble in substantial agreement with the surgeon's diagnosis, and verified at the operation, which was performed successfully, and without the occurrence of any abnormal circumstances (see p. 479), on March 14th, 1893. The first sittings which Mrs. Piper gave afterwards were two in September, to Mr. M., a previous sitter. G. P. appeared at the first of these and sent some brief messages to friends, and rendered assistance almost constantly at later sittings, until the assumption of the control of Mrs. Piper's trance by persons who claimed to have been the chief communicators through the late Rev. W. Stainton Moses (see p. 408). References to G.P.'s presence at sittings will be found in various accounts given in the Appendices to both Parts of this Report. Very frequently he professed to act as amanuensis for deceased friends or relatives of sitters who were strangers to him, and at other times he is represented as offering advice and explanations to those trying to communicate directly themselves by writing with Mrs. Piper's hand. He stated about the latter part of 1893 that he was going "farther away" and would not be so available for tests, but that he would continue to assist as far as possible, and help any "stragglers" to communicate. The Howards had several more sittings, chiefly of a personal sort, before they left for Europe in the spring of 1894, and they also arranged sittings for several persons known to G. P. living, all of whom were recognised with complete appropriateness by the G. P. communicating.

This recognition of friends appears to me to be of great importance evidentially, not only because it indicates some supernormal knowledge, but because, when all the circumstances are taken into consideration, they seem to point, in G. P.'s case, to an independent intelligence drawing upon its own recollections. I have more or less complete records of nearly all the sittings given by Mrs. Piper since the first appearance of G. P. Of most of the remaining few I received accounts shortly after the sitting. At the outset of the communications from G. P., he was particularly anxious—I describe it as it seemed *primâ facie* to be—to see the Howards and his father and mother for the purpose of clearing up some private matters. After the sitting of Mr. Hart, when G. P. expected soon to see the Howards, he manifested his presence at the following sittings which I attended until he saw the Howards. During this interval Mr. Vance had a sitting, and although he made an appropriate inquiry of Mr. Vance and answered correctly a test question, the incident was, as it were, casual; he did not stay; he was not there to see Mr. Vance, and Mr. Vance was not there to see

him (see p. 457). Before the sitting of Mr. Peirce (see p. 305), Mrs. Warner, known to G. P., had a sitting on April 25th, 1892, at which G. P.'s presence was not announced at all, as far as appears from my record of the sitting, which is, however, not complete, as I was out of the room part of the time. Mrs. Warner did not go to see G. P. She had taken a chain that had been worn by Madame Blavatsky and a cap that had been worn by Walt Whitman, about which she desired to inquire.¹

On April 28th occurred the incident which I have described on p. 305, when G. P. said that he knew the sitter, and I asked for the sitter's name, which was given correctly by Mrs. Piper in the "subliminal" stage of her recovery from trance. On April 29th came the explanation from G. P. about the difficulties involved in the act of communicating, and I believe that I emphasised the importance of his always recognising any friend of his who happened to attend a sitting, no matter what other communications he might wish to make. From that time onwards he has never failed to announce himself to, and to recognise, with the appropriate emotional and intellectual relations, the sitters who were known to G. P., living, and to give their names in one form or another, with one exception. This exception, however, seems to me to be as noteworthy as if the recognition had been complete. It is the case of Miss Warner, who had her first sitting on January 6th, 1897. G. P. wrote a little near the beginning of the sitting, but seemed to have only some vague remembrance of the sitter, who, nevertheless, was given a good deal of correct information by Phinuit and others concerning the members of her family and friends. At the end of the sitting G. P. wrote a few words to ask how Rogers was getting on, and sending regards to him. At Miss Warner's second sitting, held the next day, January 7th, G. P. wrote part of the time, and asked the sitter if she knew Orenberg. She did not. The sitter mentioned at the previous sitting that she remembered G. P., but that he knew her mother better, and at this second sitting G. P. asked who she was. I said her mother was a special friend of Mrs. Howard.

I do not think I ever knew you very well. (Very little. You used to come and see my mother.) I heard of you, I suppose. (I saw you several times. You used to come with Mr. Rogers.) Yes, I remembered about Mr. Rogers when I saw you before. (Yes, you spoke of him.) Yes, but I cannot seem to place you. I long to place all of my friends, and could do so before I had been gone so long. You see I am farther away. . . . I do not recall your face. You must have changed. . . . (R. H.: Do you remember Mrs. Warner?) [Excitement in hand] Of course, oh, very well. For pity sake are you her little daughter? (Yes.) By Jove, how you have grown. . . . I thought so much of your mother, a charming woman.

¹ Mrs Warner was later on mentioned by G. P. See p. 318.

(She always enjoyed seeing you, I know.) Our tastes were similar (about writing?) Yes. Do you know Marte at all? (I've met him once or twice.) Your mother knows. Ask her if she remembers the book I gave her to read. (I will.) And ask her if she still remembers me and the long talks we used to have at the home evenings. (I know she does.) I wish I could have known you better, it would have been so nice to have recalled the past. (I was a little girl.)

Now it should be remembered that these sittings were held five years after the death of G. P., and that G. P. had not seen Miss Warner for at least three or four years before his death, that she was only a little girl when he had last seen her, that she had not been, so to say, a special friend of his, and that she had, indeed, changed very much in the intervening eight or nine years.

This non-recognition, then, by G. P. is a perfectly natural circumstance, and when we compare the details given by Phinuit of Miss Warner's family, and the incidents mentioned by Hart, through G. P. writing, in connection with her brother (see p. 356),—incidents, moreover, which were unknown to the sitters,—and when we remember also that both Miss Warner and myself were fully aware of her name and of the fact that she had known G. P., the very non-recognition seems to me to afford an argument in favour of the independent existence of G. P., as contrasted with the conception of some secondary personality depending for its knowledge upon the minds of living persons.

Several other incidents point in the same direction. Thus, at the sitting of December 22nd, 1892 (p. 321), G. P. referred to his friend, Arthur C——, and gave the name of the town near which Mr. C—— lives in the summer. In the following year Mr. C.'s brother, also known to G. P., died, and at the first sitting given by Mrs. Piper afterwards, G. P. sent a message from this brother to Mr. C. On November 18th, 1893, Mr. C. had his first sitting with Mrs. Piper. G. P. was, apparently, not present at first, but afterwards wrote a little, said that he knew the sitter well, and a name beginning with C was written, but the rest was not clearly legible. He said there was much confusion, and he would try to clear it up. The confusion was apparently caused, in part at least, by the attempt of two previous communicators to send messages to their friends, and I had encouraged both of them; one of them because he had given the name of Harry, which was also the name of Mr. C.'s brother, and the other because the first three letters of his surname were also those of Mr. C.'s. G. P. wrote that the "light" was not so good as it was sometimes, and he apparently mistook me at first for Howard. But at the close of the sitting, there was some strong writing purporting to come from the sitter's brother, giving in full his three names and also the sitter's first name.

addressing him as his brother, etc. Further details are given in Appendix III. (See p. 483). What I suppose happened was that G. P. saw what was needed, and *sent the brother*.

Again, there was a curious recognition of the Rev. Minot J. Savage, on March 21st, 1894. After G. P. began to write, I asked :—

“(Do you know this gentleman, M. J. Savage?) [Mr. Savage had had sittings years previously and was known to Mrs. Piper.] Yes. I do. How are you, sir? Speak to me. This is too delightful. I am so pleased to see your face again. (You remember meeting him in the body?) Oh yes, well, I do well.”

I supposed at the time that Mr. Savage had never met G. P., and that was Mr. Savage's opinion also, and we both expected the answer “No” to my first question, and I at least was further surprised at the amount of feeling indicated both by the words written and the excitement of the hand. Very soon, however, during the sitting, I recalled what I had temporarily forgotten, viz., that when G. P. had his sitting with Mrs. Piper on March 7th, 1888 (see p. 295), the Rev. M. J. Savage was the Committee Officer, who was present officially at the sitting. But G. P. was not introduced under his real name to Mr. Savage, and it was specially recorded in the report of the sitting that he was unknown to Mr. Savage. It is probable and, I think, almost certain that later Mr. Savage may have heard or read in MS. (the reports were never published) what the name of the sitter was, but he had no recollection of having done so. I should probably myself have forgotten, beyond any normal recollection, the circumstances of their having met, had I not had occasion to consult all my documents concerning Mrs. Piper in connection with my previous Report and so refresh my memory of the 1888 sitting. The excitement on March 21st, 1894, seems thus to be quite natural, if we regard it as connected in G. P.'s mind with the remembrance of his only other (so far as known) meeting with Mr. Savage, when he, G. P., was in the position of the sitter, whereas now he was in the position of communicator.

Parenthetically the incident is instructive about mistakes which may easily be, and doubtless frequently are, made, and we must admit an indefinite margin for error on the part both of living witnesses and of alleged communicators. Thus the communicating G. P. might have failed to recognise Mr. Savage. Both Mr. Savage and I would, probably, have regarded this as correct, and later on, either myself or someone else might have discovered that G. P., when living, had met Mr. Savage, and the incident would have been considered as going to establish that the failure at recognition was due to the ignorance of Mr. Savage and myself, and that the knowledge of the “automatic writing” was bounded by the conscious knowledge of the sitters. Or, G. P. might have forgotten Mr. Savage, but Mr. Savage may have

remembered G. P.'s name as that of the sitter whom he accompanied. Or again, G. P. might have actually met Mr. Savage under other circumstances which were unverifiable, and his statement that he knew Mr. Savage might well have been regarded as an error.¹

This incident leads to another curious one that occurred at the sitting of January 30th, 1893. In this case G. P. stated that he remembered the sitter not "by name, but only by face," and he apparently associated his memory chiefly with Marte and with a club. This partial recognition was entirely contrary to the expectation of the sitter or myself. But the sitter and G. P. were both members of the University Club in New York, and the sitter attended a reception to Marte in New York during the time of G. P.'s residence there, and it cannot be regarded as improbable that G. P. was also present, considering his friendship and admiration for Marte. (See Appendix I, p. 440).

Finally, on November 21st, 1896, G. P. wrote, near the beginning of the sitting, after starting to make a statement to me concerning another matter:—

[Hand gestures towards Mrs. M.] By Jove, H. Who is this? I have met her before. (Have you?) Yes. I wish to speak to her. Why, why, why, Mrs. M——. I am George Pelham, and I have seen you in the body. Yes, I met you at Mrs. [pause] S——. (Mrs. M. : I don't think I was ever at Mrs. S——). Mrs. Somebody's. Wait a moment until I just think. Yes. I heard you read once at a friend's house, and yet at this moment I cannot recall just where it was.

Mrs. M. did not regard it as improbable that G. P. had met her, and here again it is much more likely that he should remember her than that she should remember him. I do not, therefore, regard this as a mistake of G. P.'s. Taken in connection with the case mentioned

¹ There is yet another incident at this same sitting of March 21st, 1894, which illustrates apparently the recollection by another person, and as it concerns Mr. Savage also I quote the account of it here. The "E" control (see *Proceedings*, Vol. VIII, p. 44) was anxious to write a few words concerning the course of an experiment I was trying and I introduced the sitter:—

"(This is Minot J. Savage) delighted to see you—I used to read about—*Light*—you I think . . . do . . . (You mean in the magazine *Light*? Yes, very probably.)"

Here then was no claim at recognition of Mr. Savage, but a remembrance apparently of having read about him in the spiritualistic periodical *Light*. Now it is highly probable that the living "E," an Englishman, deeply interested in psychical research, had seen references to Mr. Savage in *Light*, and I incline to think highly improbable that he had seen references to Mr. Savage anywhere else. The very opposite of this would be true of G. P., who not improbably never saw a copy of *Light*, and to whom the name of Mr. Savage was doubtless known with various associations, so that he was much more likely to remember Mr. Savage than Mr. Savage to remember him, and the evidential value of the incident consists in the emphatic claim that G. P. made that he had met Mr. Savage, accompanied by the excitement shown.

immediately above, and with the case of Mr. Savage, it seems to me on the whole to strengthen the presumption that we are here dealing with an intelligence whose memory is independent of the conceptions of the sitters. In no other case has G. P. claimed any personal acquaintance with a sitter to whom G. P. living was unknown; and in all other cases where he was known the recognition was clear and full, and accompanied by an appreciation of the relations which subsisted between G. P. living and the sitters. Omitting the case of Mrs. Warner, when G. P. did not profess to be present, and which occurred before he started, so to speak, upon his work of assistance, and was specially requested to identify his friends,—and the cases of Miss Warner and Mrs. M., both of which, in my opinion, strengthen the presumption of an independent communicating intelligence,—there are thirty cases of true recognition out of at least one hundred and fifty persons who have had sittings with Mrs. Piper since the first appearance of G. P., and no case of false recognition.¹

Other friends of G. P., moreover, have been referred to, living and dead, besides those who have had sittings, and always with an appreciation proper to G. P. living. As I have suggested above, there have been indications that G. P. was almost invariably present at sittings during the five years following his first appearance in March, 1892, frequently acting as amanuensis for other communicators, or sending brief messages to his friends, or offering some explanations to myself. Most of these communications are of a personal nature and cannot be regarded as evidential from the ordinary point of view; but the continual manifestation of this personality,—so different from Phinuit or other communicators,—with its own reservoir of memories, with its swift appreciation of any reference to friends of G. P., with its “give and take” in little incidental conversations with myself, has helped largely in producing a conviction of the actual presence of the G. P. personality, which it would be quite impossible to impart by any mere enumeration of verifiable statements. It will hardly, however, be regarded as surprising that the most impressive manifestations are at the same time the most subtle and the least communicable.

I may now give a brief summary of the kinds of evidence which I have illustrated in some detail in the foregoing pages.

On the first appearance of the communicating G. P. to Mr. Hart in March, 1892, he gave not only his own name and that of the sitter, but

¹ The above estimate includes the Howard family (five) and myself. Twenty-one persons were residents of Boston (or vicinity), five were New York residents who had sittings in New York among various other persons unknown to G. P., two were New York residents who had sittings in Boston (or vicinity), and two (Mr. and Mrs. Pelham, the only relatives of G. P. who had sittings) were residents of Washington who had a sitting in New York.

also the names of several of their most intimate common friends, and referred specifically to the most important private matters connected with them. At the same sitting reference was made to other incidents unknown to the sitters, such as the account of Mrs. Pelham's taking the studs from the body of G. P. and giving them to Mr. Pelham to be sent to Mr. Hart, and the reproduction of a notable remembrance of a conversation which G. P. living had with Katharine, the daughter of his most intimate friends, the Howards. These were primary examples of two kinds of knowledge concerning matters unknown to the sitters, of which various other instances were afterwards given; knowledge of events connected with G. P. which had occurred since his death, and knowledge of special memories pertaining to the G. P. personality before death. A week later, at the sitting of Mr. Vance, he made an appropriate inquiry after the sitter's son, and in reply to inquiries rightly specified that the sitter's son had been at college with him, and further correctly gave a correct description of the sitter's summer home as the place of a special visit. This, again, was paralleled by many later instances where appropriate inquiries were made and remembrances recalled concerning other personal friends of G. P. Nearly two weeks later came his most intimate friends the Howards, and to these, using the voice directly, he showed such a fulness of private remembrance and specific knowledge and characteristic intellectual and emotional quality pertaining to G. P. that, though they had previously taken no interest in any branch of psychical research, they were unable to resist the conviction that they were actually conversing with their old friend G. P. And this conviction was strengthened by their later experiences. Not least important, at that time, was his anxiety about the disposal of a certain book and about certain specified letters which concern matters too private for publication. He was particularly desirous of convincing his father, who lived in Washington, that it was indeed G. P. who was communicating, and he soon afterwards stated that his father had taken his photograph to be copied, as was the case, though Mr. Pelham had not informed even his wife of this fact. Later on he reproduced a series of incidents, unknown to the sitters, in which Mrs. Howard had been engaged in her own home. Later still, at a sitting with his father and mother in New York, a further intimate knowledge was shown of private family circumstances, and at the following sitting, at which his father and mother were not present, he gave the details of certain private actions which they had done in the interim. At their sitting, and at various sittings of the Howards, appropriate comments were made concerning different articles presented which had belonged to G. P. living, or had been familiar to him; he inquired after other personal articles which were not presented at the sittings,

and showed intimate and detailed recollections of incidents in connection with them. In points connected with the recognition of articles with their related associations of a personal sort, the G. P. communicating, so far as I know, has never failed. Nor has he failed in the recognition of personal friends. I may say generally that out of a large number of sitters who went as strangers to Mrs. Piper, the communicating G. P. has picked out the friends of G. P. living, precisely as the G. P. living might have been expected to do, and has exhibited memories in connection with these and other friends which are such as would naturally be associated as part of the G. P. personality, which certainly do not suggest in themselves that they originate otherwise, and which are accompanied by the emotional relations which were connected with such friends in the mind of G. P. living. At one of his early communications G. P. expressly undertook the task of rendering all the assistance in his power towards establishing the continued existence of himself and other communicators, in pursuance of a promise of which he himself reminded me, made some two years or more before his death, that if he died before me and found himself "still existing," he would devote himself to prove the fact, and in the persistence of his endeavour to overcome the difficulties in communicating as far as possible, in his constant readiness to act as amanuensis at the sittings, in the effect which he has produced by his counsels, to myself as investigator, and to numerous other sitters and communicators, he has, in so far as I can form a judgment in a problem so complex and still presenting so much obscurity, displayed all the keenness and pertinacity which were eminently characteristic of G. P. living.

Finally, the manifestations of this G. P. communicating have not been of a fitful and spasmodic nature, they have exhibited the marks of a continuous living and persistent personality, manifesting itself through a course of years, and showing the same characteristics of an independent intelligence whether friends of G. P. were present at the sittings or not. I learned of various cases where in my absence active assistance was rendered by G. P. to sitters who had never previously heard of him, and from time to time he would make brief pertinent reference to matters with which G. P. living was acquainted, though I was not, and sometimes in ways which indicated that he could to some extent see what was happening in our world to persons in whose welfare G. P. living would have been specially interested.

Thus the occasional references to his father and mother, and brother and sister, and a few of his most intimate friends living, were of the kind that might be expected to come from the G. P. personality, and sometimes were of direct evidential value otherwise, though it is only in their indirectly evidential nature that I refer to them here.

In all such personal references the G. P. communicating has shown the remembrances and the continued interest that we should expect to find in the independent intelligence of the real persisting G. P.—so far at least as I have been able to ascertain—and in ways too complicated and private for any but two or three of his nearest and dearest friends to know or appreciate. Up to the last series of sittings which I had with Mrs. Piper, (1896-7) in a sitting which Evelyn Howard had in November, 1896, and in a sitting which Mrs. Howard (just then returned to America after between three and four years' absence in Europe) had since my departure from Boston in September, 1897, the same persistent personality has manifested itself, and what change has been discernible is a change not of any process of disintegration, but rather of integration and evolution.

On the other hand there are certain failures and mistakes and certain real or supposed deficiencies to be considered, which we can scarcely suppose would have emanated from G. P. living, and these require some explanation if we are nevertheless to regard them as manifestations of the real G. P. personality. I shall deal with them briefly now, and offer a more general explanation later.

Primâ facie there appear to have been four chief methods of expressing their thoughts used by the communicators through Mrs. Piper's trance: (1) Where Mrs. Piper's voice was used directly by the communicator himself. The chief instance of this was Phinuit, but there have been, and still are, various other persons who are able to use the voice directly, independently of Phinuit. (2) Where Phinuit, or some other "controller" of the voice, served as intermediary. Nearly all the communications in the earlier years of Mrs. Piper's trance were given in this way. (3) Where the communicator used Mrs. Piper's hand to write. Since the development of the automatic writing, most communicators have made some attempt to express their thoughts directly through this channel. (4) Where G. P., or some other "controller" of the hand, served as intermediary by acting as amanuensis.

Most of the G.P. communications have been by (3), but some of the most important earlier communications were by (1). Each method apparently has advantages and difficulties of its own.¹

¹ I feel absolutely certain that no progress will be made in this branch of our investigation until questions like those which I am considering are understood. It would make this report far too voluminous were I to attempt to give the details of incidents upon which I found my conclusions, and I must content myself at present with stating those conclusions in the text as among the results of a long practical experience. And I repeat that I have no doubt that these conclusions in the main hold good even on the hypothesis that the "communicators" are merely fragments of Mrs. Piper's personality and have no direct relation with the "deceased" persons they purport to be

Thus very few communicators are able to use the voice at all. Many have tried and failed. Some can use it for a short time only. G. P. was able to use it more fully and freely soon after death than in the later stages of his communications. The main advantage in using the voice is that the conversation can proceed more naturally as it did in ordinary life, and that the communicator is not so much hampered by interruptions and changes of subject on the part of the sitters. The main disadvantage is that the resulting language shows a tendency to depart more or less from the language that would have been used by the communicator when living; it is, apparently,—and this we might *à priori* expect—much harder for the communicator to adjust the language to the thought when operating through what we may suppose to be the speech-centres of the medium, than it is to adjust the language to the thought when using the writing mechanism of the medium. Little as I understood myself the conditions for obtaining the clearest results at the time of the early communications from G. P., other sitters understood them much less, and in fact there are few persons now who have begun to realize the difficulties that must necessarily be in the way of holding a clear conversation with the writing communicators through Mrs. Piper's trance. Compare, for example, the natural flow of the conversation in the record of the sitting on November 28th, 1892 (Appendix I., p. 414) with the confusion produced at the sitting with Marte, December 2nd, 1892. (Appendix I., p. 420).

Let the reader start to hold a conversation with two or three friends, but let him be forced to spell out his words instead of speaking them in the ordinary way, and be absolutely confined to this method of expressing himself, no matter what his friends may do or say. Let him be interrupted at every two or three words by his interlocutors, who tell him that they "didn't catch the last word," and ask for it to be repeated, and occasionally several times repeated. Let them, further, frequently interrupt him by asking fresh questions before his answer to a previous question is completed. Further, let him suppose that it is very difficult for him to hear precisely what their questions are, so that he hears only portions of what they say. Having made this experiment, let him then suppose further that instead of using his own voice to spell his words with, he is placed in one side of a machine so constructed that the thoughts running in his mind have a tendency to be registered in writing on the other side of the machine, not as fast as he thinks them, but at the rate of writing, and that it is only by reading this writing that his interlocutors know what he has to tell them. Let him suppose, further, that one or more other persons are standing near him on his side of the machine and talking to him or to one another within his

hearing, so that the words which they say tend to be registered in the writing; and let him further suppose that he is unfamiliar with the machine, and that the writing produced has a tendency to vary somewhat from the words actually thought of by him, owing to imperfections in the machine. Let him further suppose that the part of the machine in which he is placed is filled with a more or less suffocating gas which produces a partial loss of consciousness, that sometimes this gas is much more poisonous than usual (weakness or ill-health of medium) and that its effects are usually cumulative while he remains in the machine.

The important failures of G. P. were due primarily, I believe, to the ignorance of the sitters that he was communicating under some such conditions as these. And I cannot too strongly emphasise my conviction that, unless the presence of such conditions is constantly recognised by the investigator, his further research in this field will be futile. Having recognised the limitations, he may be able to modify them and minimise the effect of them; and in my opinion, it is to the fuller and more exact appreciation of what these limitations are, and to what extent they can be removed, that the main path of progress in psychical investigation trends. Once more I repeat that I hold this to be true, even if the "communicators" are but fragments of Mrs. Piper's personality.

Applying this conception then to the failures of G. P., we find that they are readily explicable. That the written communications should present a certain amount of confusion and incoherence after frequent interruptions by the sitters and repeated inability to decipher the writing, will occasion no surprise. That the writing should frequently—especially towards the end of the sitting, as the communicator becomes exhausted and stupefied, and loses the power of inhibition—become extremely automatic and dreamy is to be expected; and questions put to the communicator in this state will be answered by the first vague associations that rise to the surface of the failing consciousness. Not only is this the case, but such irrelevant (as they may be) associations occasionally tend to recur at later periods, when the communicator lapses into the same stage of dreaminess, precisely as they might be expected to do in ourselves. For example, in the latter part of Professor Norton's sitting on May 26th, 1894, (see p. 525) when Professor Norton put a question which G. P. living in full consciousness would have answered by a reference to an essay he wrote at Harvard on Jane Austen, G. P. replied by references to what he had written about Robert Noyes (pseudonym), the life of whom he had published not long before his death, and to articles in the *Sun*, a New York paper with which he was connected at the time of his death. Professor Norton then mentioned Jane Austen. On two or three later

occasions at the end of a sitting when the writing became particularly dreamy, the name of Professor Norton appeared in connection with that of Jane Austen.¹ Another special failure occurred at the sitting of Mr. A. B. on April 17th, 1894 (see also p. 319), who was well-known to G. P., and with whom G. P. held a "natural" conversation, asking after some common friends, etc. But he referred to his MS. on "The One and the Many" (see Appendix I., p. 428), and Mr. A. B. asked him a series of questions concerning the number of pages, the paper on which it was written, its division into chapters, its external title page, and its first sentence and its dedication, to all of which the answers were wrong, as I learned afterwards. There was plainly some confusion, and G. P. wrote "do not talk too fast because I am in a daze, so to speak."

Again at the end of December, 1896, he was asked whether he could give the name of the person to whom he had once entrusted some family documents, but he replied that he could not remember, and that he had been "gone too long."

I believe that these are the only notable failures of this type which I have in my records besides those mentioned already, or given in the records of Appendix I. Incidents illustrating temporary forgetfulness occur, I need hardly say, very frequently to all of us, so that we momentarily fail to recall even the name of a well-known friend, and it is therefore not surprising, for example, that in the latter part of the sitting on May 14th, 1892, when G. P. was becoming more comatose, he should have experienced some difficulty, after the variety of subjects that had been introduced by the sitters, in immediately recalling the circumstances to which his mother referred relating to another matter altogether (see p. 312).

But there were also failures of other types, which do not, however, seem to me to afford an argument against the "identity" of G. P. I refer to prophecies and to descriptions of events occurring in our world after his death, and to attempts to find objects that were lost. Thus a bangle with which G. P. was familiar during life and which had been used at sittings, was lost, and G. P. located it wrongly. Similarly a bell with which he was familiar was supposed to be lost and he located it wrongly, adopting a suggestion of mine that it was left in a certain hotel. Also a book, with which he had nothing to do, but about which he was asked, he located wrongly. Incidents of this class help us in ascertaining the limits of knowledge of communicators, and correct answers to such inquiries would strengthen the evidence for the possession of supernormal faculty going beyond telepathy from the sitters, but they do not directly affect the question

¹ See, for a somewhat similar case, the report of Mrs. M., p. 347.

of identity. The same general statement applies to G. P.'s prophecies, which were not many and were chiefly personal, though here I think his success would outweigh his failure. Nor, so far as I know, is there any indication in these groups of incidents that the wrong statements made depended telepathically upon the expectations of living persons.

There is another type of incident yet where G. P. made at least two notable failures and two notable successes. He failed completely to describe my own doings at a time agreed upon under circumstances which appeared especially favourable for a correct description if he could see into our world as we do (p. 439), and in New York, a few days after sittings with Miss M. and her brother, whom G. P. living knew well (and recognised appropriately at their sittings), he made an attempt to describe Miss M.'s doings during a sitting which I held for the purpose. The result was a complete failure. On the other hand he succeeded on at least two occasions in describing certain actions of his father, and on another occasion described correctly a series of actions performed by Mrs. Howard. In the case of his father the time (afternoon following the sitting) was correct in one set of incidents, but the time did not enter into the photograph incident (see pp. 304, 314). In the case of Mrs. Howard, the one to which I specially refer, the time was wrong (p. 306). As I have already said, these incidents point to a failure of supernormal power to see what is going on in our world as we see it, and suggest rather some form of perception of scenes in the subliminal consciousness, perhaps of telepathic nature. There was also some slight success in connection with Mr. Howard, where the time element was correct (p. 319). On the whole this group of incidents appears to me to strengthen the evidence pointing to G. P.'s "identity," since although G. P. living knew Miss M. and myself well in certain ways, there was not by any means the same feeling that he had for his father and the Howards. That *G. P.* could get into some closer relation with his father and the Howards than with Miss M. or myself is intelligible; but it is not so obvious why Mrs. Piper's *secondary personality* should. But the experiments in this direction that are mentioned in the records are too few for any conclusion.

§ 4. BRIEF ACCOUNTS OF OTHER COMMUNICATORS.

I pass on now to consider briefly the results obtained from some other communicators, and begin with the case of the lady whom I have called Madame Elisa Mannors. Other names are substituted for the real ones. She was known to G. P., and her first appearance was to her sister, Madame Frederica, on May 17th, 1892 (Appendix II., p. 471). She had died the previous summer. The cause of her death

was designated by Phinuit, who also described correctly, purporting to repeat what she was telling him, some incidents which had occurred at her death-bed. The sitter inquired about a watch which had belonged to Madame Elisa, but the statements made at this sitting, and to myself at subsequent sittings, did not lead to its recovery. Some Italian was written by request, the lady being as familiar with Italian as with English, but only two or three common words were decipherable. The first names of sitter and communicator were given, and the last name was both written and afterwards given by G. P. to Phinuit. Some of the writing was of a personal character, and some about the watch, and G. P. stated correctly, *inter alia*, that the sitter's mother was present (in "spirit") with the communicator, and that he himself did not know her. The real names are very uncommon. The Italian for "It is well. Patience" was whispered at the end of the sitting as though by direct control of the voice by Madame Elisa. Both the sitter and her sister were well-known to me, and also to the Howards, and Madame Elisa made several personal communications in the course of the sittings recorded in Appendix I. (see pp. 417-19, 423), where further attempts, only partially successful, were made to write Italian clearly, and also to speak it, but not much was said.

She communicated by writing later to three or four other friends or relatives, always in a strongly personal way, and very clearly. In her statements to one very personal friend, at sittings when I was present, she showed on several occasions an intimate private knowledge of her sister and her sister's family, in connection with events that were occurring, and also of other relatives to whom she was deeply attached. She also had several "written talks" with myself alone, referred to incidents with which we were both familiar when guests at the same house in another part of the country, and appreciated properly other references which I made myself. It always seemed like the woman I knew.

As I have mentioned elsewhere (pp. 293, 332), the intelligence communicating by writing is not conscious of the act of writing. The chief difficulty apparently in getting another language written by the hand is that strange words tend to be written phonetically unless they are thought out slowly letter by letter. The writing is usually much more legible now than it was during the period of the records from which I am quoting, when there was frequently much difficulty in deciphering even the simplest English words. It was therefore not surprising that so little of the "Italian" written by Madame Elisa was decipherable.

In another case there was an attempt to write Hawaiian (p. 481). This was at a sitting arranged for by Mrs. Howard in October, 1893.

Mrs. Howard made some notes at the time from which the report was prepared, and I obtained some additional information later from the sitter, Mr. L. Vernon Briggs. The original writing was apparently lost, and Mr. Briggs never had the opportunity of studying it after the sitting. The communication purported to come from a Honolulu boy named Kalua, who became much attached to Mr. Briggs during a six months' stay of Mr. Briggs in Honolulu in 1881, and who followed Mr. Briggs to Boston under somewhat romantic circumstances in 1883. He was soon sent back to his native island, but again returned to Boston, where he was shot in 1886, in a sailor's Bethel, whether intentionally or not was unknown. There was some suspicion against a Swede, who was imprisoned, but there was no evidence against him, and he was finally discharged. The Swede said that Kalua had accidentally shot himself with a revolver, and eventually confessed that after the accident he had himself hidden the revolver behind a flue, where, after taking part of the chimney down, it was found. Mr. Briggs had taken a handkerchief belonging to Kalua to the sitting. Kalua had been shot through the heart, and there was some confusion apparently about the locality of the suffering, "stomach" and "side" being mentioned, under what appeared to be the direct control of the voice by "Kalua," and Mr. Briggs asked if it was Kalua. Phinuit then spoke for "Kalua," who said that he did not kill himself, that he had been gambling with the other man who disputed with him and shot him, but did not mean to, and who threw the revolver "into the hot box where the pepples are" (meaning "the furnace" and the "coals"), and hid his purse under the steps where he was killed. "Kalua" also said there was shrubbery near it. The cellar of the house was examined, but no purse was found, and there was no shrubbery in the cellar. "Kalua" tried to write Hawaiian, but the only "ordinary" words deciphered were "lei" (meaning *wreaths*, which he made daily for Mr. Briggs) which was written clearly and frequently, and an attempt at "aloha"—greeting. Phinuit tried to get the answer to the question where Kalua's father was, but could only succeed in getting "Hiram." But the writing gave the answer "Hawaii Islands." In reply to the question which one, the answer in writing was *Kawai*, but Phinuit said *Tawai*. The word is spelt *Kawai*, but is pronounced *Tawai* by the natives of the island itself and in the island where Kalua was born. The natives of the other islands call it *Kawai*.

Another instance of a clear "communicator" is that of an artist, Louis R., who died from cancer of the liver, on February 24th, 1892, and appeared first at a sitting to Mr. W. L. P., on March 10th. The locality of the trouble that caused his death was pointed out. With a cheque book of his held above the head where no direct vision of it was possible, the leaves were turned over by Phinuit, and the fingers finally

stopped over a pencilled statement on the back of one of the pages of the cheque book, "It's there. He says it's there." It appeared that the day before his operation at the hospital, in January, Louis R. "drew his last cheque, and when alone occupied himself in figuring with pencil on the back of the next page the balance and the possible amounts due him from various sources." When Phinuit said "It's there," the finger was "passed exactly over the balance in the bank." Pertinent statements were made, through Phinuit, showing knowledge of the business relations that subsisted between himself and Mr. P., with expressions characteristic of Louis R.—and calling Mr. P. *Will*, as Louis R. used to call him, though he is commonly called Billie. The name Louis was given. "Tell Will it's Louis." At a sitting which Mrs. W. L. P. had, two days later (and to which, of course, she went as a stranger), she was at once asked "How's Will?" The names Augusta (wife) and a close approximation to Bowditch (intimate friend) were given, and "Louis" recognised a knife presented as one that he used to scrape the blobs of paint from his pictures, and seemed to be aware that Mrs. P. had the custody of his pictures. The most curious incident was that in reply to Mrs. P.'s request for "a sort of nickname, German," by which he "used to call Will"; the name she had in mind was not given, and Phinuit refused to accept the suggestion of the sitter that the name she wanted began with *Auf*. The name that Phinuit gave, after stumbling over *durstan* and *Appendust*, was *Uppendust*. The words were not spelt, and I took them down as they sounded, knowing nothing myself of the name. *Up and Dust* was another nickname which Louis R. occasionally applied in joke to Mr. W. L. P., as the latter himself explained to me, arising out of an odd pronunciation which he had once given in saying *Ich hab' ein' Durst*. Mr. P. had another sitting on March 25th, where other friends and relatives occupied most of the time communicating, and a reply to an inquiry which he put about a book in a sealed package elicited no result of any significance from Louis R. Other incidents of interest connected with other communicators occurred at these sittings (see especially p. 291), though there was some confusion. Louis R. was known to me, as he stated at Mrs. P.'s sitting, and asked if I was "still fishing for facts." I replied that I was, and should be glad if he would help. At the first sitting held at the house of Mr. Howard, November 22nd, 1892 (p. 413) G. P. wrote that Louis was there and wanted to see Billie. "Go out and tell him to come." The Howards saw no relevance in this, and they did not think of Louis R.; but Mr. W. L. P. lived very close to the Howards, and Louis R. himself was an intimate friend of the Howards, and had often been in Mr. Howard's library, where the sitting was held. (An interesting commentary on the freaks of memory exhibited by *communicators*!

This was followed by the writing of a name unknown to me, Foxcroft, and apparently no one recognised this either, so I told Phinuit to send those persons away; that we wished to talk to G. P. I learned afterwards that Foxcroft C——, deceased, was a fellow artist and friend of Louis R. and was also known to the Howards, and in the following sitting the names of his wife Mary and daughter Addie were given by Phinuit. At the twelfth sitting held at the house of Mr. Howard, January 24th, 1893 (p. 439), Louis R. appeared again, and sent some messages through Phinuit, referring to the room as the place where he had been many a time, mentioning Mr. and Mrs. W. L. P., and recognising some brushes brought by Mrs. Howard as ones which he had given her, and saying he had been to Philadelphia to see his friends—the living Louis R. had friends there—and asking after Theodore, the first name of another artist living, a friend of Louis R. and also of the Howards. On two or three later occasions Louis R. “dropped in,” as it were, to send a little personal message by writing, on one occasion seizing the left hand when Madame Elisa (see p. 335) was using the right. Madame Elisa drew my attention to the fact that some one else was speaking, and then mentioned his name, not Louis, but “Mr. R——,” writing the surname correctly. Numerous incidents of this kind have, as I think, thrown much light on the cause of many of the irrelevancies manifest when Phinuit was practically the only intermediary. Thus at Mr. MacDonough’s only sitting (p. 473), on February 9th, 1893, Louis R. was mentioned by Phinuit. The sitter would count this as a mistake, and as diminishing the evidential value of the sitting. But G. P. seemed to be able to distinguish much better than Phinuit which communicators were friends of a sitter, and which were, for the time being, outsiders, and he would, as it appeared, sometimes tell such outsiders to go away and not interrupt, and at other times make it clear that they were not connected with the sitter, and would give their messages in an “aside,” as it were, to me.

A good instance of the confusion arising from what appears to be the “return” of a recent communicator to send further messages to friends, is given in Appendix III. (see pp. 499–501). On March 2nd, 1894, Mrs. M. E. P. and Mrs. Alice Dale (pseudonym) had a sitting, and on March 3rd, when Mr. Heywood was present, the first writing that came was a message to Alice Dale, purporting to be from her sister Polly, who said she was with Elsie at all times. But the writing further on contained the statement “I often see Alice Wilkinson.” Polly, whose real name was Alice Wilkinson, was the adopted sister of Mrs. Dale, and Mrs. Dale’s last baby had been named Alice after her, but was called Elsie to avoid confusion, as Mrs. Dale’s name was also Alice. Of these circumstances the only one known to me was that

Mrs. Dale's name was Alice. I asked at later sittings for an explanation of this error, and concluded that "Daisy" ("deceased" wife of Mr. Heywood), from whom the immediately following communications purported to come, was in contact with the writing mechanism (see p. 399), which reproduced what "Daisy" heard "Alice Wilkinson" say, and also what was passing through her own mind (or possibly what she heard another "intelligence" say). I did not appreciate until long afterwards that apparently G. P. saw what was happening, and perceived that something was wrong with the writing mechanism or that "Daisy" could not manage it. He therefore took her place, saying "I saw her and in consequence right it for you." Mr. Heywood and myself, who were not aware that there was anything to *right*, assumed that *write* was intended, and we laughed and remarked upon it. To which G. P. wrote emphatically, "Am I not *right*?" and then continued: "Well, do speak and I will help you. This was a mistake, if you please. Trust me—trust it to me, sir," *i.e.*, to act as amanuensis. G.P.'s discernment in such cases has apparently been of great assistance, and my own more complete supervision of Mrs. Piper's sittings and knowledge of the records has enabled me to keep out much confusion by either taking the message in any particular case and promising to deliver it, or by sending the "intruder" away. The results have proved to be in precise accordance with the theory that the communicators are what they purport to be, which thus conforms to one important canon of scientific requirements.

At Mr. MacDonough's sitting (p. 473) there were some messages from the sitter's brother, John MacDonough, including specific directions for the discovery of a leak in Mr. MacDonough's house at Long Branch, N.Y. The leak was said to be under a certain window-sill, and there indeed the leak was afterwards found and repaired. John MacDonough also seemed to know the state of his son's business interests, and that he had trouble with his throat and head, none of these circumstances being known to the sitters at the time, but verified afterwards. On five later occasions messages came from John MacDonough which on the whole suggest that he was better than most communicators as regards his knowledge of contemporary mundane affairs. On two of these occasions G. P. acted as amanuensis, and the first time apparently wanted to make sure that MacDonough was not an "interloper" before he would give the message (p. 477). One of the five messages was personal and non-evidential, and one was confused, and seemed to convey the information that the communicator's son John had died. His son John was apparently well at the time, but died in the following year. At least two of the remaining three messages contained specific information not referred to previously and unknown to me, but correctly given.

The question may arise whether all such incidents demand a hypothesis which goes at least as far as telepathy from distant persons. If they were known to the sitter at the time of his sitting, then, although not mentioned by the communicators at that time, it might be supposed that the knowledge was acquired then for reproduction afterwards. Many however cannot be explained in this way, even if we allowed a very wide margin for the presence at sittings of persons who might be supposed to know of the facts incidentally. Thus it will hardly be considered probable that one of the above messages, which referred to Mrs. MacDonough's apprehensions concerning her then illness, could be thus explained. I think that few if any of my readers will be likely to press this hypothesis into much service, but I may point out that theoretically it might be assumed that the supraliminal and subliminal consciousness of all persons, on this earth at least, if not elsewhere also, are open to Mrs. Piper's inspection.

I know of several instances where other communicators have had the opportunity of frequent communication through Mrs. Piper's trance during a course of several years, and at many of these sittings I have been present. They have strengthened my conviction that primarily depended upon the communications from G. P., but the sitters regard them as too personal for publication. The best things can obviously never or very seldom be reproduced; if they could be, they would prove themselves, by that very fact, to fall short of being the most convincing. And hence all one can offer is a few dry bones instead of a living and breathing personality, to use the words of the lady who prepared the following account. I shall call her Mrs. M. She is an exceptionally good witness, and I confirm the statements which she makes as regards my share in her sittings. Other names have been substituted for the real names.

April, 1896.

I met Mrs. Piper for the first time on the 23rd of April, 1894, in New York, at 1068, Lexington Avenue, where she was then giving "sittings." I had made the appointment from a town in Georgia by letter, through Mr. Hodgson, and arrived alone at the house at ten o'clock a.m. I inquired for Mr. Hodgson, who, I was told, had not come yet, but was expected soon. I waited a few moments, when Mr. Hodgson arrived, addressed me as "Mrs. Smith," and called Mrs. Piper—who was upstairs, and whom I had not before seen,—introduced me to her as "Mrs. Smith," and arranged the room for the "sitting." There was a little indifferent conversation, but nothing which could in any way give a clue to my identity.

Mr. Hodgson I had never seen until that morning, and had had only a slight correspondence with him referring to my appointment with Mrs. Piper and my associate membership in the S.P.R., and as far as I am aware he knew absolutely nothing about me, except that I was anxious to have some sittings with Mrs. Piper. At that time I had never seen or heard of the reports of Mrs. Piper in Parts XVII. and XXI. of the *Proceedings* of the:

S. P. R., but I had read the account of her written by Miss X. in *Borderland* for January, 1894, so was somewhat prepared for the peculiarities of Mrs. Piper's trance and for "Phinuit" when he made his appearance. About the first remark "Phinuit" made to me was, "There is a gentleman in your surroundings who won't stay in the body long—a relative of yours." The description which "Phinuit" gave me did not apply to any near relative of my own. He then said, "Who is Richard? He's here with me, wants to speak to you. He hasn't been out of the body a great while." I asked what relation Richard was to me. *Phinuit* said, "He will try to write it."

Writing. "I see my sister and I am her brother, but I am a little less light than I wish to be." I then said, "Is this B—?" using a pet name of my brother's; there seemed to be great excitement in the hand, which grasped mine and shook it frantically. This question was then written, "Where is James?" [Richard is the name of a younger brother of mine who died early in 1891, and James is the name of my elder brother, and he was with me when I was taking care of Richard during his last illness.] The rest of the sitting was very much confused, and reminded me painfully of the last hours of my brother's illness, which had been passed in delirium, but, as at that time, a clear thought would be expressed now and then. He said he wished to send a message to his mother (who is living), but seemed too confused to be able to do so. There were many little things very characteristic of the boy, but the effect of most of the "sitting" was like the half-intelligible muttering of delirium. The hand felt my jacket and seemed to try to reach something inside. I gave it a small locket and chain which I wore around my neck under my dress. The hand—all the time holding the locket—then wrote, but very confusedly, and with many pauses, "I remember . . . he is here and will come in again . . . tell my sister all about it . . . yes . . . he loves her and understands all . . . I do not quite get it; *Tom*. I do not hear quite distinctly—*Pauline* is on my mind."

The locket contained some hair and a small picture of my husband, who died in 1892. *Tom* is the name of a person who was well known to my husband and who, for reasons known only to myself, was very much in my thoughts at that time. *Pauline* is the name of my eldest sister. After the writing had ceased "Phinuit" took the locket and chain and remarked, "There are two different people here; a gentleman connected with this lady who passed out with something the matter with his heart, and an old lady called Mama (?), she's been passed out some years. The other's a gentleman's influence."

No one had owned the locket and chain but myself. I bought it a few weeks after my husband's death, put the hair and picture in it, and it had never afterwards been out of my possession, so the reference to the "old lady" had no meaning for me.

My second "sitting" occurred the next morning. I had no conversation with either Mrs. Piper or Mr. Hodgson in the meantime, except to tell Mr. H. that I had a brother Richard and that I had not found the person I had hoped to hear from, and to beg for another sitting. Mr. Hodgson suggested that I bring some article belonging to the person I was trying to find, and I therefore brought with me a letter of my husband's when I came

the next morning (April 24th). Mrs. Piper went into trance as usual, and at once "Phinuit" remarked to me, "After I went out I found your brother and another gentleman with him. . . . The gentleman is everything to you. He will come . . . is getting light. Has something important to say. . . . I get the name of *Brown*. B-r-o-w-n. I get it from your gentleman. He says you will know. Richard says Susy."

In my first "sitting" the name *Susy* had occurred a number of times, but it had no special meaning for me in connection with my brother, and I was constantly thinking of *Ruth*, the name of a young girl to whom my brother had been engaged to be married, but on my way home it flashed over me that *Susy* was the name of a sister two years older than my brother Richard. She died before he was born, so when "Phinuit" said "Richard says *Susy*" I asked, "Did he mean *Susy* when I suggested *Ruth* to him yesterday?" "Yes, it is *Susy*. He told you forty times the last time, but you wouldn't understand; he said, 'If that's my sister she must know who *Susy* is.' She's here with him; she was his sister, she passed out many years ago; it was very sad for her mother, the most sad of any trouble she ever had. She was very bright. She would have been very musical; it was very sad for her mother."

The baby *Susy* died at seven months old, was "very bright"—and my mother has often told me how fond of music she was, and that the sound of the piano would quiet her when she was in pain. Her death was a great sorrow to my mother.

When "the writing" began it was confused and trembling, "Do you know who I am?" Then the names *Brown* and *Parker* were written—the names of the doctor and nurse who had cared for my husband during his last illness—and then a sort of cry seemed to come with the words, "Oh, don't you know me? Don't you know me? I am Roland and I love you always. Speak to me." [Roland was correct, and was the name by which Mrs. M. usually called her husband. As I have stated above, in introducing Mrs. M.'s account, this is not the real name. *Roland* and *Rollo*—see below—are chosen as substitutes for the real names.—R. H.] What followed was perfectly intelligible and much of it characteristic, but seemed like the weak and trembling words of a very sick man trying to keep his thoughts clear and make himself understood. After a short time this was written: "I told Richard to tell you about *Tom* for me; too bad he was all mixed up." Then *Tom* was spoken of as only my husband would have been likely to speak of him, and affairs connected with him and unknown to any person but myself were mentioned.

An intimate friend of my husband's was spoken of by name, and I was begged to caution him not to overwork. He referred directly to the last time we were in the park together at T—, and answered a question which I had asked him when he was dying, but which he had been too weak to answer at that time—it was a curious incident. Mr. Hodgson was in the room with me most of the time, as I was too unused to Mrs. Piper's automatic writing to read it without help, and I said, "If this is my husband, will you answer the question I asked you when you were dying?" The hand grasped mine, but no reference was made to my question for a few moments, then very cautiously a name was written, and my question fully answered.

but in such a way that Mr. Hodgson—or any stranger—would not understand to what he referred, but which was perfectly plain to me. It was, to me, the most wonderful part of my “sitting.”

On April 25th Mr. Hodgson wrote me :—

“At 1068, Lexington Avenue, this morning, one of our members, Mrs. R., was trying experiments in crystal gazing and automatic writing. Mrs. Piper had her hand resting occasionally on Mrs. R.’s. Mrs. P. felt some pushing, etc., in her hand. I put pencil in and we went on talking. Turning to talk to another lady present, a Mrs. G—, my attention was attracted suddenly by Mrs. P.’s breathing. She was on the point of being entranced, and while I was managing to keep her out of trance successfully, her right hand with pencil was dashing off the enclosed, viz. :—‘Add lo instead of and.’ Sitting late this afternoon began without speech. Writing : ‘Add lo in place of and. Rollo.’ Then writing changed. *Phinuit* turned up at end of sitting for brief period—little strength, but I gathered from ‘him’ that this message is for you. Apparently *Phinuit* said, ‘It was Rollo, called Roland.’”

At my “sitting,” April 24th, I had twice asked my husband to write his name, and each time he wrote *Roland*. I was not thinking of “Rollo,” but hoped that the full name would be written, because I knew neither Mrs. Piper nor Mr. Hodgson knew it. I am quite sure I did not use the name “Rollo.”

In my next sitting, May 1st, the incident is not mentioned, perhaps because there was so much to say, but on May 31st, at a sitting Mr. H. was having, this was written : “Do you recognise me, sir? Add lo instead of and.” My husband’s family usually called him “Rollo,” and I often did also.

At the sitting April 24th he had begged me to call him by the name I used to, and I did call him a foolish little pet name I often used, and which seemed to satisfy him at the time, but once again in the sitting Mr. H. was having for me (June 15th) he wrote : “Ask her if she remembers what Rollo means,” and in the letter I wrote my husband, and which Mr. Hodgson read at the sitting on June 26th, I spoke to him as “Rollo,” and at once was written, “Rollo ! ah, ah—now you know what I meant.”

My third “sitting” was on May 1st. It was much better than the others, though the effect of some of it was still like a sick and very weak person trying to talk.

The night before this sitting [when alone] I had asked my husband if he could not tell me on the following morning, through Mrs. Piper, of something I had done or said in the last few days, simply as a proof that he could hear and see me, as he had told me at my last “sitting” that he could. A young brother who was a great favourite with my husband was spoken of by name, and I was told that my husband had seen us walking together lately in what seemed to him to be a garden and water near it ; also that he had heard us talking of his mother’s building another house. Between my sitting on April 24th and that on May 1st I had taken a walk with my young brother-in-law, and we paused several minutes to look at the fresh grass and trees in the garden of St. Luke’s Hospital, 53th Street and 5th Avenue, and then passed the Park at 59th Street, and during the afternoon we had talked a long time about a new house my mother-in-law was thinking of building.

There were no mistakes in names during the "sitting," and nothing which my husband might not have written.

In answer to a question of mine referring to "the gentleman in my surroundings to pass out soon," who had been spoken of in my first sitting, Phinuit said, "There are three different friends of yours going to pass out within six months." He then gave me a quite different description of "the gentleman" from the first, and which strongly reminded me of a near relative, yet it was by no means a perfect description, and Phinuit did not say who the man was, or in what relation he stood to me, only that "He comes very near to you." He said the others were "A little lady with something the matter with her stomach; I think the other is a relative." I have lost no near friend or relative since that time. An aunt of my husband's died within a few weeks, and afterwards Phinuit told me she was one of the people he meant, but he was very confused and uncertain about what he said.

After my last sitting Mr. Hodgson called at my hotel one evening to help me decipher the automatic writing, and during the evening suggested that I try to send him a message by my husband through Mrs. Piper. I agreed to it, and when Mr. Hodgson returned to Boston he had a series of "sittings" for other purposes, during which a good deal of the writing purported to come from my husband.

On May 21st, 1894, Mr. H., who had at previous sittings requested Phinuit to get "Roland" to give the message which his wife was going to send, wrote me that he had given one of my letters to Mrs. Piper to hold during her trance, and that this writing came: "She gave me this message, sir." Then followed what purported to be the message I was to send Mr. Hodgson, but which was no approach to it. Several references were made to people who had been mentioned in my "sittings" in New York—nothing irrelevant was written, but no new matter was introduced.

Again, on May 31st another message came, different from the first but no nearer the few words I was trying so hard to convey to my husband. However, this occurred: "She told me to tell you, sir, that she put some flowers on the tomb, and asked me if I saw her do it. If so, come and tell you." A few days before I had planted some wood violets on my husband's grave. I had sent the gardener away for water and was quite alone. It seemed to me my husband was very near. I looked up from my work and said, as if I was speaking to some one standing by me, "Roland, if you can see me I wish you would go and tell Mr. Hodgson so," but I had no thought of the message really being taken, for there had already been a failure to take the specific message I was trying to send. Of course I had no corroborative testimony to this incident, as I never spoke of it to anyone, and might have forgotten it had it not been for the writing coming so soon afterwards.

On June 5th, 6th, 9th, 11th, and 15th, Mr. Hodgson had "sittings," at which my husband wrote, always giving some "message," but never any nearer the right one, though always something I might have said which would have seemed natural enough. There was often much confusion, as if many people were trying to talk at once, and it reminded me of a "crossed telephone wire." There was also much complaint of the difficulty in keeping the thoughts clear in so much confusion, and remarks like this, "It is not

so easy to express one's thoughts to a marriage ring as it is to one's wife." I had sent Mr. Hodgson a ring of my husband's and a lock of hair of my own to be used at the "sittings," both of which were correctly recognised, and the remark made that the ring had been made for Mr. M., and taken from his body after his death, which was true; but the ring had rather a peculiar history, known to my husband, which was not referred to in any way, though I wrote Mr. Hodgson to say at the next sitting that there was something more about the ring I would be glad to hear.

On June 4th an aunt of my husband's died, and I hoped that some reference to the fact would appear in the "sittings," and tried to get that *message* to my husband. I wrote Mr. Hodgson that some special event had taken place at home, and asked him to ask my husband if he knew what it was. No knowledge of it was shown until June 16th, when this occurred: "Ask her if this was the message, viz., 'Take my thanks to Mr. H——, and tell him there is another spirit friend of mine with you—yes—and ask her to go with you and give her name to H——.' Thanks. Will you ask her? If you will, I'll bring the lady to you. First I wish to know if this is not exactly what she asked me, sir. Ask her, and if she wishes the lady's name you will have it." Unfortunately Mr. Hodgson was to have but one more "sitting" at which my affairs could be given any attention, and I had written a letter to my husband for Mr. Hodgson to read at the sitting, and in it had mentioned the name of the aunt who had just died, so that it was of no use to "ask for the lady's name." Nearly all of the comments which were made during the reading of the letter were quite out of the way, and a number of names were mentioned of supposed friends on "that side," none of which were correct as applied to any of my own or my husband's connections.

On June 9th, in answer to a question I had asked Mr. Hodgson to ask for me, Phinuit said he did not think it best for me to know who the friends were who were to "pass out," but that he would give their names to Mr. Hodgson, who might keep them till after the events had taken place. The next fall, at my request, Mr. Hodgson gave me the paper (after Phinuit had given him permission to do so). The name of a near relative—of whom Phinuit's *second* description had made me think—was given, and the remark made that a cousin would pass out in a specific manner. Neither event has taken place.

My next "sitting" with Mrs. Piper was in Arlington Heights, Mass., October 19th. I had ten sittings at that time—from October 19th to December 7th—and again in the spring of 1895 I had two sittings, May 11th and 13th. One on August 23rd, two September 16th and 17th, and four from November 12th to December 6th, making 21 in all.

On February 15th and March 7th, 1895, Miss Edmunds had two sittings for me, using articles I had sent her for the purpose, and of the ownership of which she was entirely ignorant. All of the articles were correctly recognised, and several prophecies which had been made to me about their owners repeated with some detail. I asked Miss Edmunds to ask my husband to write his full name, which was not on my visiting card and which she could not possibly be aware of. The name was at once correctly written, but for some reason Miss Edmunds did not think it was right, and asked if the

writer was quite sure of it. The name was then differently written, though commencing with the same letter R (which was on my visiting card), and at a sitting which Miss Edmunds had for me on January 25th of the present year the name was written again in the same way, though Miss Edmunds then knew it was wrong, and knew what the real name was.

During the ten sittings, from October 19th to December 7th, 1894, many prophecies were made as to the death of near relatives and friends, and events to take place in my own and my friends' lives. No definite time was given, more than to say "it will come soon," or "before a great while." With a very few minor exceptions, none of the things told me at that time have happened.

At my two sittings in May, 1895, I was told I would be in three different places that summer—one, Boston, where I then was; another, a place my husband had never been and did not know the name of, so he said, but *Phinuit* described it as "near the water," which is his usual way of speaking of the sea-shore; the third place was "where Dr. P. lives in the summer" [Dr. P. had a sitting with Mrs. Piper several years previously.—R.H.], and I was told I would stay in "a weather-stained sort of house, near a red house, some water in front of it." I had never seen D—, Dr. P.'s summer home, and had heard no description of it, beyond the fact that it was a beautiful country place, with mountain scenery, and from some remark of Dr. P.'s, I had supposed there was no water there. When I told him what *Phinuit* had said, he remarked that the "Evergreen Cottages," where I would probably stay if I came to D—, could not be better described than as "weather-stained and red," for one was a shingled and stained house, the other painted red, and there was a beautiful little lake very near them. At that time I was hoping to come to D—, but so uncertain about it that I would not allow Dr. P. to engage my rooms at the "Evergreen Cottages," although I knew there was little chance of securing them later in the season, and I had no thought of going to the sea-shore, it seemed the last thing likely for me to do. However, I did go to the sea-shore for ten days in August, and later spent a month in D—, staying in the weather-stained house described by *Phinuit*. During the same sittings I was told that the near relative of whose death so much had been said would not "pass out" for a year yet.

In my sittings in August and September I was told that certain properties I hold would be sold at a given figure "within three months." It would have been impossible to sell any of them for half the value given, at any time since the sittings, but other minor details of a financial nature have, rather to my surprise, come about as stated at that time.

During the sittings, particularly the series of ten—October 19th to December 7th, 1894—there were many mistakes in Christian names. For instance, I asked to have the names of my husband's three sisters written. The names of two were at once written; the second name, the real name of my sister-in-law, but not the name by which we usually call her. Her name is also that of my eldest sister, so that when it was written I said, "That is my sister; I want the names of your sisters." At once came the remark, "But mine, too. Have you forgotten?" The name of the third sister I could not get written, and there seemed the strangest hesitancy about

attempting it, and evasion and "trickiness" most distressing, and very uncharacteristic of the living personality of the writer. At last a name was written, but not the correct one, though a near approach to the pet name by which she was called. I have never been able to get the pet name correctly written, though the real name has since been written, or any reasonable explanation of why it could not be written. Nothing more than "Names are one of the most difficult things to recall here."

The aunt of my husband's who died in June, 1894, has often sent me, through *Phinuit* or my husband, some appropriate sounding message, and twice purported to write herself, but never seemed able to give her own name correctly; it is an unusual name, probably unique in this country, and I tried to get it written a number of times, but with no success.

The matter of the four sittings from November 12th to December 6th, 1895, is of too private a nature to quote here, and owing to the fact that much of it referred to other people and their affairs, I have been unable to verify many of the statements made. When I had the sitting on November 12th, I expected to leave Boston in a very few days, and spoke of the fact, and that I feared I should have no opportunity for another sitting. I was told I would stay in Boston much longer than I expected, and in a day or two I received a letter which changed my plans, and I did remain in Boston until December 9th.

It is very difficult for me to explain—as Mr. Hodgson has requested me to—just what general effect the "sittings" have made on my mind. If I had never had a "sitting" with Mrs. Piper, and this report had been written by some one else, I am sure I should say: "There's not enough evidence here to prove that the living personality of the man called Roland ever reached his wife through Mrs. Piper's 'mediumship'; there is little beside coincidence, suggestions unconsciously made by the sitter to Mrs. Piper during the highly susceptible condition of her trance state, incidents that can be fully explained by thought-transference from living persons," etc., etc. I am quite sure I should never be convinced by any such report as this of the reality of "spirit return." Yet I am convinced of it, but it is because there is much in my "sittings" which *might* help to convince a stranger, which is of too personal a nature to quote, and perhaps the most convincing thing is the accumulation of little touches of personality which make the "sittings" so *real* to me, but which it would be almost impossible to reproduce in print. Peculiarities of expression in the writing and of manner in that wonderfully dramatic *hand* of Mrs. Piper's. Anyone who has had a *good sitting* with Mrs. Piper will know exactly what I mean. One feels the hand is alive with a distinct personality very different from "Phinuit" (who has "controlled" the voice in all my sittings). The behaviour of the hand when it is controlled by my husband or my brother is as distinct and as characteristic of the two men as anything of the kind could possibly be.

There is a great difference in the *quality* of the sittings; at some of them no irrelevant matter would be written, and at others much which sounded, as I have before said, like the odd scraps of conversation one might hear over a telephone wire. I have generally found that the poor sittings were on days when either Mrs. Piper or I was not up to our normal physical condition.

At my first four sittings Mr. Hodgson was present and took notes for me; after that I have always taken notes, during the "sitting," of "Phinuit's" remarks, and immediately afterwards, generally on my way to Boston from Arlington Heights—where most of my sittings took place—written out as full a statement as I could of all that had occurred, looked over the automatic writing, and filled in my own remarks and questions as accurately as possible. It is from these notes and MSS. I have made this Report.

I have other records of series of sittings which I have been requested not to publish except under such restrictions as would make them practically useless, but which I hope at some future day to obtain permission to give in detail, as they have been of much help in enabling me to understand the causes of obscurity in communicating. I make the following brief statement about three of them, in illustration.

The first was the case of a gentleman intimately known to me, whom I shall call A. I devoted about six sittings, more than a year after his death, in the attempt to obtain clear communications from him. Various names and incidents were referred to in which he had been specially interested when living, including two or three specific references to matters unknown to me. There was much incoherence, but of a character which distinctly suggested the mind of A. and not the mind of anyone else, as regards the more or less disassociated fragments of knowledge exhibited. He had been troubled much for years before his death by headaches and occasional mental exhaustion, though not amounting to positive mental disturbance. I finally gave up the attempt, on the advice of G. P., who affirmed that he would not be clear for some time to come. There was no opportunity afterwards for any detailed communication from him. He manifested to four other persons at sittings incidentally, claiming correctly that he knew them, and he did not claim any recognition of persons who were strangers to him. But I do not know whether other sitters may have been known to him to whom he did not appear.

The second case was that of a gentleman whom I shall call B., and with whom I had a short correspondence two or three years before his death, but he was unknown to me personally. He took his own life in a moment of temporary aberration. Communications purporting to come from him were obtained originally by means of articles which had been used by him and which were presented to Phinuit. Here the incoherence at first was even greater than in the case of A., and there seemed to be as much difficulty in getting facts known to me as in getting those which were not. Thus in reply to inquiries, he named, as the cause of his death, a trouble from which he had suffered for a year before his death, and which led to his temporary aberration. This was unknown to me; but the circumstance that he had taken his own life, which was known to me, was not mentioned till long afterwards.

At some of the sittings later on, two friends of his were present, and were fully and appropriately recognised, but it was several years before he could communicate with any continuous clearness. In the meantime, amidst much confusion, and various wrong statements, there was much specific information correctly given which, as in the case of A., indicated the mind of B. rather than the mind of anyone else. Some of this information was unknown not only to myself, but to his friends who had sittings. Gradually, however, owing, as I think myself, to the lapse of time and greater familiarity with the act of communicating on the part of B.,—or, as some may think, owing to the development of a pseudo B.-personality in Mrs. Piper,—these confusions cleared away. I quote the following from a statement made by one of the two friends of B. who had sittings.

We at first thought mind-reading might play an important part in the sittings, but the more we experimented the less weight we gave to it. On several occasions no information could be obtained of facts known perfectly to both sitters, and on which both our minds were fixed. Several of the sittings were excellent throughout, notably one [the last] at which [the other friend] and I were alone present. It seemed as if B. stood before us in person; the answers came immediately, without the slightest hesitation, and showed an intimate knowledge of our past relations to each other. Many facts were related and circumstances referred to which were known only to B. and ourselves, but which are of too personal a nature for publication. These were given not in the nature of a test, but in the course of conversation as one friend would talk with another. Small touches of character, peculiarities of expression, and modes of thought, we instantly recognised as a part of his individuality.

In the third case, C., another friend of mine who also took his own life, there was much confusion even a year after his death, when he first came into communication, and there was a lamentable failure in answering questions concerning matters well-known to C. living. Later on, however, he became clearer and gave specific information, unknown to the sitters, of a private and personal kind, well suited as a proof of identity, and showed in written communications afterwards much that was suggestive of C.,—in tendencies of thought and particular remembrances,—operating under peculiar difficulties through an inferior mechanism. More than seven years after death he wrote, “My head was not clear, and is not yet, when I speak to you.”

As I suggested at the beginning of this paper, it is to series of sittings with the same communicator that we must look for special light upon the question how far the continued personalities of the “dead” are actually concerned in these phenomena, but there are various incidents in the detailed records given in the Appendices published herewith, where only one or two opportunities have been

afforded to the same communicator, which I think add to the evidence derived from the longer series. Thus, at the sitting of Miss Macleod (p. 447), where her sister Etta seemed to be the chief communicator, through Phinuit, though several mistakes were made and several names mentioned that had no relevance, she was told that her uncle David would die soon. So far as the sitter knew, his health was then perfectly good, but he died in a year. Etta while living supposed that her illness—the cause of her death—had to do with “the stomach,” and this was stated at the sitting, but it was known to the sitter and her family that the cause of death was heart trouble. Again “Etta” said that the last thing she saw was her mother’s face until she became conscious in a room and saw her body lying under something white. This was confirmed by the mother, who said that Etta was looking right into her face “when the light went out of her eyes.” But the sitter had always thought that Etta’s eyes were closed at this time.

The records of M. Bourget’s sittings (p. 494) and Mr. Heywood’s (p. 501) and Mr. Mitchell’s (p. 517) all appear to me to be interesting examples of the complicated form which the communications have frequently taken during Mrs. Piper’s trance. At Mr. Heywood’s sittings, besides much that was personal and characteristic of his late wife, including knowledge that he believed to be known to no other person living but himself, several facts were mentioned of which he was entirely ignorant. But the records should be read throughout to be appreciated. (See especially pp. 504–510).

Dr. F. H. K. (p. 527) also received information unknown to him, at his sittings, and afterwards verified, besides much that was personal to him, producing as he says “a very strong conviction that the control was what it purported to be, that of my late wife.” At his second sitting, on his way home after a year’s trip abroad, he received some communications from his “uncle G., recently deceased.” Among other statements was: “Give my love to L., and tell her I see the trouble with her eyes.” L. was the initial of his uncle G.’s widow, but Dr. K. did not understand the message till he reached his home in Illinois and found that his aunt L. had been “for some little time under treatment for some trouble with her eyes.”

Various instances of the giving of information unknown to the sitters occurred in the series of sittings, the records of which are given as a group in Appendix IV., as all being closely concerned with the friends and relatives of Dr. and Mrs. A. B. Thaw. At their first sitting a very intimate friend of theirs, who had been dead about a year and a half, and whom they have called Dr. H. in the records, gave (through Phinuit) a nickname by which he had been called. This name was not known to the sitters. On inquiry his widow said it was the name commonly used by his mother and sisters, all dead, but not

used by anyone living. At a later sitting a test question, which was sent for the purpose by the widow of Dr. H., and the answer to which was unknown to the sitters, was correctly answered at the same sitting. These incidents were in addition to various personal references to his wife and children and other interests,—such as the church and a volume of his poems unpublished before his death, but published afterwards,—and some utterances repeated by Phinuit that were so characteristic of Dr. H., that Dr. Thaw supposed that he had taken direct control of the voice, and asked him for information about Phinuit (p. 567).

At the sitting which Mr. G. Perkins had on March 18th, 1892, he presented a chain which he knew had been worn by his mother, deceased. Phinuit said that both his mother and sister recognised the chain, and that both had worn it. This was true, although Mr. Perkins did not know that his sister had also worn it. She died when he was a small child (p. 555). Again, the nurse of Mrs. Thaw's children presented a parcel which she supposed contained her mother's hair. Phinuit speaking of the sitter's mother said, thrusting his finger down the neck of the sitter, "Put it in there and wear it, just as she told you to." The sitter insisted that Phinuit was wrong, but he tore open the paper and showed that it contained an *Agnus Dei*, which as a matter of fact the sitter's mother had told her to wear (p. 573). There are other minor instances of the giving of information unknown to the sitters in the records printed in Appendix IV., with an enormous mass of correct detail concerning friends and relatives of the sitters, and with very little error. Several minor prophecies proved correct; one important prophecy concerning the success of certain machines was wrong as to time, as well as other circumstances connected with them; but another concerning the death of a brother, who was never present at a sitting, was right. This brother was a chronic invalid with asthma. At the sitting of May 10th, 1892, Phinuit said that his kidneys were out of order, and it was discovered for the first time that he had kidney disease on a careful medical examination made two weeks later. At the same sitting Phinuit said that he would die "within six months or a year," and, in reply to the question how, said, "He's going to sleep, and when he wakes he'll be in the spirit. Heart will stop." On May 22nd, the time was given as "six months or a little less." He died in sleep, of heart failure, on the 3rd of the following September. At the first sitting which the Thaws had afterwards, four months later, he communicated (p. 580).

There are many interesting details regarding what I might speak of as related groups of communicators, including persons who knew something about Mrs. Piper's trances, directly or indirectly, before death; and of these I shall give some instances in Part II. of my

Report (to be published in the next number of *Proceedings*), where I shall also give some account of a few other special communicators who belong chiefly to the period of 1896-7. I close this section of my Report by a brief account of the case of the friend whom I have called Mr. Hart, to whom in the first instance G. P. manifested (p. 296) and who himself died in Naples on May 2nd, 1895. As in G. P.'s case, I substitute other names for the real ones. I had not been having regular series of sittings at this time, and heard incidentally on May 3rd that a cablegram had been received by a relative announcing the death of Hart. My assistant Miss Edmunds went out to Mrs. Piper at my request to arrange a sitting for me for the next day, May 4th, and to say that it was extremely important that I must have the sitting. I did not tell Miss Edmunds the reason, and she made a totally erroneous conjecture concerning it. The announcement of the death however, with the place, and cause of death (inflammation of the heart), appeared in a Boston evening paper on May 3rd. At the sitting on May 4th, after a few words from Phinuit, G.P. wrote and gave several messages from friends, and then asked what he could do for me. I replied that I had something for him to do, but could not tell him what it was. He made a brief reference to his father and mother, and then to a friend of my own, and then came the following:—

Hold, H. See all of these people bringing a gentleman. [R. H. thinks this is *unintentionally* written, and doesn't repeat the words aloud.]

Read . . . do you see them, H.? (No.) He is coming here. I think I knew him. [R. H. can't decipher after *think*.] That I knew him. Come here and listen, H. He has been here before and I have seen him since I passed out. (Who is it?) John. "Do you see me, H.?" He says this. (No.) "What about my health, Oh George, I am here, do not go away from me," . . . not to you, H., to me. (Yes, I understand.) "I thought I should see you once more before I came here." (What is the full name?) John H. (Give me the second name in full.) Did you speak? (Write the second name in full.) Hart. (That's right, Hart, old fellow.) "Will you listen to me, Hodg. . . . [Much excitement in hand, and letters jumbled over. G. P. writing throughout, but at times apparently much perturbation introduced.] George knew I was here and met me but I was too weak to come here and talk H." . . . Yes, H., but the dear old fellow is short breathered. . . . "I expected to see you before I came here, H. (Yes, I hoped to have met you in the body again) but you see I was failing. How are you?"

What [apparently from G. P. to Hart.]

"I brought Ge—— here first." (Yes, you did.)

Yes, I do [from G. P. to Hart.] [More probably from Hart to G.P., in answer to some such question as "do you mean me?" from G. P. to Hart. 1898.]

Oh what about me, H.?

(He means your first messages came to him.)

Oh I see! but I was . . . but (you were out of the body) yes. . . . "I am a little dull, H., in my head." (Isn't the *light* good today?) Yes, but it is I, H., my (you mean *you* are not in good trim, George?) No no I Hart no, H. I Hart (I see, Hart is dull, Hart can't do so well.) [H. is the initial of Hart's real name. 1898.] [Thump with fist. Much thumping with fist during sitting indicative of assent at different times.]

The above is transcribed from the type-written copy of the record of the sitting, and the quotation marks were doubtless inserted by myself to make the record clearer. There was much confusion in the rest of the sitting. The cause of death he stated to be inflammation of the stomach, which was not correct, though he had suffered much from this for a year before his death. I may have known of this but was not consciously aware of it. I knew that he had been ill in Europe, but when I last heard from him several months previously I understood that he had recovered. There were confused references to the Howards. He referred to two other friends in Europe (whose names had been given in previous sittings by G. P.), mentioned several names unknown to me, and referred to incidents in connection with them, as well as other matters, none of which, for family reasons, I have yet been able to verify. I think it probable that they will be partially, but only partially correct. There seemed to be glimpses here and there of a clear consciousness. He wanted to know if it was Paris (where he had stayed some time while in Europe). I said it was Arlington Heights.

"Arlington, I remember Arlington—did you not take me here? (Yes, this is the very room where George came to you). Oh, yes, I had his [article of G. P. specifically mentioned] and my watch. . . Will they send my body on to New York? (I don't know.) I hope they will. They are now talking about it." [I learned later that the desirability of taking the body to America was discussed.]

When I asked, "Why didn't George tell me to begin with?" he replied, "because I told him to let me come and tell myself." This was like Hart, and so was the statement quoted above that it was he who brought G. P. first.

At this sitting, and several also in the following week, during which the confusion continued, a knowledge was shown of various matters known to me which were specially suggestive of Hart, references to friends and relatives, presents which he had given me, jokes about cigars, magazines which he had entrusted to me just before he went to Europe three years previously, etc., but of course I was anxious to obtain information concerning events in Europe of which I was entirely ignorant, especially any that occurred just before his death; and I have such on record but have not yet succeeded in discovering how much correct statement they include. Between the first and

second sitting it occurred to me that the announcement of his being there to communicate was "led up to" by G. P., and at the second sitting, when Hart wrote part of the time himself, I said, "I suppose last time you thought I took your coming very coolly." The hand wrote excitedly: "You seemed very inconsiderate to what you used to do." I explained that I had heard of his death by a cablegram which had been received by his "brother-in-law." He then wrote the name of the brother of his sister's husband. I said no, "your wife's brother."

Another incident at the same sitting showed a curious remembrance.

. . . Ask for my cigar case . . . am I dreaming . . . I think I know that one I sat in this corner [hand points to other side of the room, to place where Mrs. Piper sat at time when Hart attended his sitting on March 22nd, 1892.] (You mean you sat there?) Yes I did (yes, I remember) I know where I am now.

As I recall this incident, I did not understand what was meant at first when the hand pointed, as it was more than three years since Mrs. Piper had sat there. That position in the room was not associated specially in my mind with Hart, as various other persons whom I had accompanied to sittings had sat in the same position, both before and after Hart's sitting, and it was only after April 29th, 1892 (see p. 292), when I succeeded in getting the hand to write with the block-book on the table instead of on the top of Mrs. Piper's head, that I requested Mrs. Piper to change her position, so that there might be plenty of room for the table and for a sitter on the other side of it. But the occasion was a very memorable one to *Hart*, and if *he* was communicating and waking to a consciousness of his surroundings, it was a natural observation for him to make.

In June and July a friend of mine was having a series of sittings, and Hart sent a message to me through him; he was becoming clearer, and wished to communicate. There were no opportunities for any further series of sittings however, and Mrs. Piper stopped sitting for her summer rest, and I visited England later. Few sittings were given in the winter of 1895-6 owing to Mrs. Piper's ill-health. Hart gave brief messages on several occasions; said that he wanted to follow in "G. P.'s tracks," and seemed somewhat aggrieved, so to speak, because he did not have the same opportunity as had been afforded to G. P. Thus, on January 22nd, 1896:—

. . . What in the world is the reason you never call for me? I am not sleeping. I wish to help you in identifying myself, . . . I am a good deal better now. (You were confused at first.) Very, but I did not really understand how confused I was. It is more so, I am more so when I try to speak to you. I understand now why George spelled his words to

me. [Several sentences, even of ordinary words, were spelt out by Phinuit from G. P. at his first appearance, to Hart.]

He became clearer later on, and purported to take part in an inquiry I was making concerning a person's whereabouts in Mexico (an account of which will be given in Part II. of this Report). It was during this time that Miss Warner (p. 324) had her two sittings, January 6th and 7th, 1897. She remarked to me during the sitting of January 7th, 1897, that Hart knew one of her brothers, Charlie, and that they went to the Azores together. I asked Phinuit if he or G. P. could get Hart. Shortly afterwards G. P. wrote, and after a short conversation with the sitter came the following:—

Did you have a brother Jack, Hart asks. (Yes.)

[For Hart.] I am here. George tell her I see her and I long to ask her brother if he recalls the storm we experienced.

(I know he does. I've heard him speak of it.)

Good, and ask him if he still has the stick like mine. Take the pipe, old chap, I do not wish it. Hear you? (R. H. : Yes, it may be the one he gave me) and I have it in my mind. A memento. He ought to have it. [Hart gave me a pipe. It is not clear whether the reference is to this, or to one connected with sitter's brother.—R. H.]

We went to a queer little Hotel, at a little Hotel together. Charlie had a headache from hunger. We were almost starved when we got there, the food was bad, the food was so bad, poor. I am content here, quite. Do you ever see me as I really am? (No. I don't see you at all.) Not at all. I do. H. Hear Hart say have a smoke, anything for relief. Ask him [Charlie] about this for me. Hungry. (R. H. : He's still talking about Charlie and their experiences together?) Yes, H. He is.

(Tell some more.) We went up to the Hotel and ask him if he recalls the laugh we had after we got to our room. Give him my love.

(What did you laugh about?) because of the dirt etc. . . . very amusing. He has not been well but he is going to be [Disturbance in hand] Hold on, old man, I cannot hear if you grab me in this way.

Did you ever have a fever?

(R. H. : Who says that?) I, J. H.

(Do you mean me?) Yes. (Yes. I had a fever. Pneumonia, and typhoid fever.) Never have another. Going to be well now. I said it. (Do you mean me?) Yes, Charles too. Give him my love and do not forget about the stick. . . .

Miss Warner wrote :

I had known that Charley and Hart took a trip in a sailing vessel to the Azores but absolutely no details, except that the boat was driven on the rocks and they watched her break up.

This was all she could recollect in connection with the statements made by Hart about her brother. I remembered also about the shipwreck at the Azores, but had no recollections of any sort connecting

Hart with Charley Warner, or about any of the other incidents referred to. I think, however, that as Hart himself told me of the shipwreck at the Azores, he probably mentioned Warner in connection with it. He may possibly also have spoken of some of the other incidents. But I am unable to recall the vaguest memory of any sort about them. Charley Warner was then in California, and in reply to inquiries he wrote on February 2nd, 1897 :—

J. H. and myself once were hove to on the North Atlantic for about three days during a severe storm. At another time we were at Horta, Fayal Island, and watched our vessel drag ashore and break up on account of a very bad storm, or hurricane. J. H. had a very serviceable stick. As I remember it a stout little blade dropped out of the ferrule. I never had one like it that I can remember. He thought highly of it and advised me to get one like it. I don't remember anything about a pipe. What he says about the queer little hotel is all true ; I don't remember that I had a headache, but we were hungry. J. H. was extremely amused about something at that hotel and we had a hearty laugh. It was connected with dirt.

This was the last appearance of Hart. Soon afterwards the "controls" of Rev. W. S. Moses took supervision of Mrs. Piper's trance. (See p. 408).

§ 5. THE "SPIRIT" HYPOTHESIS AND THE HYPOTHESIS OF TELEPATHY FROM THE LIVING.

We may now turn to the more definite consideration of the significance of such manifestations as I have illustrated.

In my previous report on Mrs. Piper's trance (*Proceedings*, Vol. VIII.), in discussing the claims of Phinuit to be a "spirit" and to be in communication with the "deceased" friends of sitters, I urged that there were almost insuperable objections to the supposition that such "deceased" persons were in direct communication with Phinuit, *at least in anything like the fulness of their personality* ; but it seemed to me a hypothesis that should be continually borne in mind that there might be some actual communication, even if it was only partial and fragmentary (*loc. cit.*, p. 57). I am now fully convinced that there has been such actual communication through Mrs. Piper's trance, but that the communication has been subject to certain unavoidable limitations, the general nature of which I shall shortly indicate ; and in the remaining portion of this Part I. of my paper I shall consider the main classes of facts which appear to point in this direction, reserving Part II. (to be published in the next number of *Proceedings*) for the consideration of objections which may be brought against this view, for the account of some additional and more recent evidential communications, and for the explanation of certain points in connection

with the actual *modus operandi* of the trance-manifestations, and of various unusual obscure incidents.

And first I may again say that I think it needless to devote any more special attention to the view that the manifestations in question can be accounted for by the supposition of imposture on the part of Mrs. Piper. I refer the reader, on this point, to what I have said at the beginning of this paper, and to the previously published reports there mentioned, in which the possibility of accounting for Mrs. Piper's phenomena by fraud has been fully considered and rejected. Further evidence, were it needed, rendering the "fraud" hypothesis yet more untenable, is offered in the records of sittings included in this report.

Regarding these phenomena, then, as supernormal, I may first emphasise the fact that they are much more difficult of explanation now on the assumption that the supernormal knowledge exhibited has its source in the minds of living persons than in the earlier years of Mrs. Piper's trances, when practically the only intermediary was the Phinuit personality. With the advent of the G. P. intelligence, the development of the automatic writing, and the use of the hand by scores of other alleged communicators, the problem has assumed a very different aspect. The dramatic form has become an integral part of the phenomenon. With the hand writing and the voice speaking at the same time on different subjects and with different persons, with the hand writing on behalf of different communicators at the same sitting, with different successive communicators using the hand at the same sitting, as well as at different sittings, it is difficult to resist the impression that there are here actually concerned various different and distinct and individually coherent streams of consciousness. To the person unfamiliar with a series of these later sittings, it may seem a plausible hypothesis that perhaps one secondary personality might do the whole work, might use the voice and write contemporaneously with the hand, and pretend in turn to be the friends of the various sitters; might in short be a finished actor with telepathic powers, producing the impression not only that he is the character he plays, but that others are with him also, though invisible, playing their respective parts. I do not, however, think it at all likely that he would continue to think it plausible after witnessing and studying the numerous coherent groups of memories connected with different persons, the characteristic emotional tendencies distinguishing such different persons, the excessive complication of the acting required, and the absence of any apparent bond of union for the associated thoughts and feelings indicative of each individuality, save some persistent basis of that individuality itself. This general impression, I venture to think, cannot altogether be disregarded; I am of course conscious in my own case that as regards these trance phenomena I have had a

practical experience, very much of which is incommunicable to others, but which has had nevertheless some influence in determining my mind to incline to this hypothesis rather than to that. By practical experience here I mean to indicate just what the words ordinarily imply, and not the very large mass of information as to specific details about private matters.

An operator may talk through a telephone himself, and may talk frequently on behalf of other people, and we may suppose him to be cognisant of conversations between numerous other persons who are talking together. He will thus get a practical experience of different personalities which can be separated from his ascertainment of specific private matters talked about, and which suggests that the speakers at the other end were those whom the callers wished to summon.

Now, it seems to me that no explanation of Mrs. Piper's phenomena "begins to be" plausible which does not take account of these various apparently separate and individually coherent streams of consciousness,—which, of course, purport to be the "spirits" of deceased human beings. But I think it is easy to frame a hypothesis which fulfils the needed requirement, and which does not go beyond the consciousness (subliminal as well as supraliminal) of living persons. (I do not, be it observed, regard this hypothesis as the true explanation.) It might be expressed somewhat as follows. The brain symbolically represents that which holds together various states of consciousness associated into some kind of personality. In the separate streams of consciousness, where manifested in connection with a single organism, we find evidence of disassociation. The apparently individual star is not single, but double, or triple, or multiple; or it is a solar system; or it may be broken up into a group of asteroids. And we find, in the fragments of Mrs. Piper's broken individuality, the various *quasi* deceased friends of the sitters. It may not be necessary to assume a different fragment for every communicator. We may assume that there are a few fragments such as Phinuit, G. P., and a dozen or so others, which have become specially separated; they are dominant groupings of some of the conscious elements of Mrs. Piper, which by conversation with the living friends of the persons whom they represent, and by knowledge drawn telepathically from those friends and other distant persons, have obtained coherent forms which serve as very good simulations of the deceased persons who they purport to be. They acquire the form much as a viscous mass may take the impress of a mould, and have got considerably hardened. But other forms may be continually more or less changing, taking the impress of new moulds according to the conceptions which *new* sitters have of *their* friends, and occasionally some of these may become more coherent and get hardened.

Thus, if we suppose that A to Z represent the at present available fragments of Mrs. Piper's personality, A to N may represent the most definite and experienced communicators, which have acquired a very stable form, and O to Z may represent other plastic combinations which take on a temporary form only during a sitting.

To some such hypothesis I think we are driven if we refuse to accept the independent conscious existence of the alleged communicators. But such a hypothesis, besides its complication, is not without difficulties of its own.

I do not find any evidence tending to show that the bond of continuity in the case of the most successful communicators depends for its existence upon the minds of living persons. And the hypothesis is far from accounting for the efforts of the more confused communicators. The mixtures of truth and error bear no *discernible* relation to the consciousness of the sitters, but suggest the action of another intelligence groping confusedly among its own remembrances. And as further light appears in this confused groping, the bonds of association appear more and more to be traceable to no other assignable personality than that of the deceased. It is not this or that isolated piece of private knowledge merely, not merely this or that supernormal perception of an event occurring elsewhere, not merely this or that subtle emotional appreciation for a distant living friend,—but the union of all these in a coherent personal plan with responsive intellect and character that suggests the specific identity once known to us in a body incarnate.

To this it may be replied, however, that the basis of this personality may be, not the conception of this person or that person or the other persons who have been brought into relations direct or indirect with Mrs. Piper's trances, but a composite conception formed from all of these.

And this, I take it, cannot yet be rejected as an impossible hypothesis. And when we remember the various forms of hypnotic trance, and the efficacy of subtle suggestion, and reflect upon our ignorance of our own "subliminals" and their possible inter-relations, telepathic or otherwise, we must allow a very wide margin for the building up of fictitious personalities. But while I think this hypothesis a legitimate one, I think it highly improbable that it is the true one; and I believe that further investigation will show that the very reasons given for its adoption by those who may incline to hold it, will prove to be the very reasons that will render it more and more improbable. I shall now attempt to justify this somewhat paradoxical statement.

Those who maintain the hypothesis of telepathy from the living as the most probable, are largely influenced by other considerations than

those drawn from the case of G. P. They will admit that the evidence for personal identity in his case is strong, but they will urge that it is outweighed by the failures of so many others. If all the communicators through Mrs. Piper's trance had succeeded as well as G. P., the hypothesis of telepathy from the living would seem to them much less acceptable.

"Why," they will say, "if discarnate persons are really communicating, do they not give us much more evidence? We ourselves, if put in the witness-box here and cross examined, could do vastly better even than G. P., and why have so few others been able to show even an approximation to such clearness as he exhibited? Why all the incoherence and confusion and irrelevancy? Why the mistakes and why the failures, even in cases where other striking incidents appear to suggest the actual presence of the communicator? Why in some cases is there so much that seems distinctly unlike the alleged communicator? And why do some sitters get almost nothing that is correct? Granted that Mrs. Piper is in a genuine trance, and that she exhibits a mass of information not obtained by normal means, there is so much of lapse and error and complete failure that we cannot suppose that these manifestations emanate from the persons alleged. We cannot isolate one or two fragments. Take the communications as a whole, and we find them coming very far short indeed of what we should expect from the real friends who once lived with us."

As I have suggested in the previous section, there are various instances, other than that of G. P., where the "deceased" persons concerned have had many opportunities of communicating frequently, and have made coherent statements from the beginning, besides many other cases where it is strongly suggested by the few opportunities which alone have been afforded, that the communicator *could* have supplied much detailed evidence pointing towards his identity if his friends could have had a continuous series of sittings. But even if such cases were multiplied many times, and even if the results were actually comparable with those obtained from G. P., they still would not, I think, furnish an adequate reply to the above statement that the communications, as a whole, fall far short of what we should expect.

What then, are we justified in expecting if discarnate "spirits" do indeed return to communicate through Mrs. Piper's trance in the ways described? And how far do the results actually obtained accord with such expectations?

The answers to these questions I shall content myself at present with briefly indicating, and what I have to say constitutes the general reply to which I referred in considering the specific failures of G. P. (p. 331).

If, indeed, each one of us is a "spirit" that survives the death of the fleshly organism, there are certain suppositions that I think we may not unreasonably make concerning the ability of the discarnate "spirit" to communicate with those yet incarnate. Even under the best of conditions for communication—which I am supposing for the nonce to be possible—it may well be that the aptitude for communicating clearly may be as rare as the gifts that make a great artist, or a great mathematician, or a great philosopher. It may be a completely erroneous assumption that all persons, young or old, good or evil, vigorous or sickly, and whatever their lives or deaths may have been, are at all comparable with one another in their capacity to convey clear statements from "the other world" to this. Again, it may well be that, owing to the change connected with death itself, the "spirit" may at first be much confused, and such confusion may last for a long time; and even after the "spirit" has become accustomed to its new environment, it is not an unreasonable supposition that if it came into some such relation to another living human organism as it once maintained with its own former organism it would find itself confused by that relation. The state might be like that of awakening from a prolonged period of unconsciousness into strange surroundings. If my own ordinary body could be preserved in its present state, and I could absent myself from it for days or months or years, and continue my existence under another set of conditions altogether, and if I could then return to my own body, it might well be that I should be very confused and incoherent at first in my manifestations by means of it. How much more would this be the case were I to return to *another* human body. I might be troubled with various forms of aphasia and agraphia, might be particularly liable to failures of inhibition, might find the conditions oppressive and exhausting, and my state of mind would probably be of an automatic and dreamlike character. Now the communicators through Mrs. Piper's trance exhibit precisely the kind of confusion and incoherence which it seems to me we have some reason *à priori* to expect if they are actually what they claim to be. And G. P. himself appeared to be well aware of this. Thus he wrote on February 15th, 1894:—

. . . Remember we share and always shall have our friends in the dream-life, *i.e.* your life so to speak, which will attract us for ever and ever, and so long as we have any friends *sleeping* in the material world;—you to us are more like as we understand sleep, you look shut up as one in prison, and in order for us to get into communication with you, we have to enter into your sphere, as one like yourself asleep. This is just why we make mistakes as you call them, or get confused and muddled, so to put it, H. [R. H. repeats in his own language.] Your thoughts do grasp mine. Well now you have just what I have been wanting to come and make clear to you,

H., old fellow. (It is quite clear.) Yes, you see I am more awake than asleep, yet I cannot come just as I am in reality, independently of the medium's light. (You come much better than the others.) Yes, because I am a little nearer and not less intelligent than some others here.

And again on February 16th, 1894 :—

[After a reference to Mr. Marte.] That he with his keen brain and marvellous perception will be interested I know, He was a very dear friend of . . . I was exceedingly fond of him. Cosmical weather interests both he and I—me—him—I know it all. Don't you see I correct these. Well, I am not less intelligent now. But there are many difficulties. I am far clearer on all points than I was shut up in the prisoned body. (Prisoned ? imprisoning or imprisoning you ought to say.) No, I don't mean to get it that way you spoke—perhaps I have spelled it wrong. Prisoned body. Prisoning. See here, H. “Don't view me with a critic's eye, but pass my imperfections by.” Of course I know all that as well as anybody on your sphere. (Of course.) Well I think so. I tell you, old fellow, it don't do to pick all these little errors too much when they amount to nothing in one way. You have light enough and brain enough I know to understand my explanations of being shut up in this body dreaming as it were and trying to help on Science.

With these statements we may compare a description given long ago by the Platonic Socrates, of the bewilderment of a “returning soul.” Before quoting this, I make a digression for the purpose of explaining an incident which happened to lead my thoughts to this description. The incident concerns G. P., and a few preliminary explanations are needed.

G. P. held the “Mind-Stuff” theory in somewhat the crude form expressed by Clifford. According to this general theory, the world consists of something which is intrinsically identical with what we know as our own consciousness, and which in its more elementary forms may be called mind-stuff. Each one of us consists of a special coherent aggregation of mind-stuff, and this, acting upon another similar aggregation, produces in it the perception of a human organism. Also G. P. and myself had several times spoken together of the analogy used by Plato in the 7th Book of the Republic, where a description¹ is given of a cave in which are prisoners, fettered from earliest childhood, so that they cannot move, and can look only straight before them. Behind and above them is a fire, blazing at a distance, and between the fire and the prisoners are men passing along with various kinds of vessels, statues, figures of animals, etc., and casting their shadows on the wall of the cave. The prisoners have no knowledge save of the shadows, which to them are the reality. In our application of this, the objects which we perceive in the physical

¹ I abridge and quote from Jowett's translation.

universe may be like these shadows, and the things to which they correspond are in reality composed of mind.

Now in the special discussion which I had with G. P., some two years before his death, concerning a future life, he maintained that in accordance with the "mind-stuff" theory, a future life was inconceivable, since although the material body with its brain was only the shadow of the mind, yet since that shadow went through a process of disintegration, we must conclude that the mental thing corresponding to it also went through a process of disintegration. To this I said that we might frame a hypothesis which should be in accord with the general mind-stuff theory, and to which such an objection as his could not be urged,—that the gross material body might be the shadow of a coarser and cruder form of mind-stuff, that it might be tenanted by a more subtle organic body composed of the luminiferous ether, that such ethereal body might be the correlate of the human personality, and that although the gross material body might disintegrate at death, the ethereal body might not. After a long discussion G. P. agreed that such a hypothesis might be made in legitimate accord with the mind-stuff theory, and that it rendered a future life *conceivable*, though this still seemed to him *incredible*; and it was then that he pledged himself to do all that he could to establish it if he died before me, and found that there was a future life after all.

Now at one of the early sittings in the G. P. series (see Appendix I., p. 418), in reply to some questions by Mrs. Howard, as to the possibility of his having access to books which had ceased to exist *for us*, such as the Alexandrian library, he replied:—

"It does not make any difference how much the material is destroyed. Plato was a philosopher and a good one. You know, Hodgson, that was our argument, our discussion." I said: "That came in certainly, we used the old Platonic analogy."

This was a very direct reference to the central point of our discussion, and is the *kind* of incidentally evidential remark of which there are many instances in connection with personal matters relating to G. P. and his intimate friends. G. P. at this time was using the voice. He followed with the remark: "Socrates was a medium." It was not, I believe, till 1896, when abridging the series of G. P. sittings, that my attention was drawn specially to this last remark, and I re-read the account given by Plato. So far as my memory serves, G. P. and myself had always referred to Plato (and not Socrates) in connection with the shadow analogy, and had never thought of considering it in connection with any "mediumistic" experience. The Platonic Socrates, who is giving the description of the cave and the shadows, supposes one of the prisoners in the cave to be released and to be compelled to move up into the light. He describes his distress at the

glare, and his inability to see clearly; the objects in the upper world of light will at first appear less real, and he will need to grow accustomed to the sight of them. But afterwards he imagines such a one to be suddenly "replaced in his old situation; would he not be certain to have his eyes full of darkness? . . . And if there were a contest, and he had to compete in measuring the shadows with the prisoners who had never moved out of the den, while his sight was still weak, and before his eyes had become steady (and the time which would be needed to acquire this new habit of sight might be very considerable) would he not be ridiculous? Men would say of him that up he went and down he came without his eyes; and that it was better not even to think of ascending," and so on. "And you will not misapprehend me if you interpret the journey upward to be the ascent of the soul into the intellectual world according to my poor belief, which, at your desire, I have expressed, whether rightly or wrongly, God knows."

Plato then proceeds to apply this to the relation between the world of ideas, illuminated by the Idea of Good, and the world of sense which ordinary men regard as the sole object of knowledge. But it is permissible to suppose that Socrates,—to whom we cannot attribute Plato's metaphysical system—may have actually used this analogy to represent the possible relation between this life and another one, especially if we compare it with some passages in the *Phædo*, where Plato makes him refer to men in this life as being in a sort of prison, and speak of the soul as being made giddy and intoxicated, as it were, by the body. (Compare the expressions in the passages quoted from *G. P.* above, p. 362). In any case, however, whatever either the Platonic or the actual Socrates may have said or meant, the analogy suggests a very good description of what I have frequently witnessed in connection with Mrs. Piper's trance.

"Anyone," says Socrates, "who has common sense will remember that the bewilderments of the eyes are of two kinds, and arise from two causes, either from coming out of the light, or from going into the light, and he will not be too ready to laugh at a person whose vision is perplexed and weak, or if he have a mind to laugh at the soul which comes from below into the light, there will be more reason in this than in the laugh which greets him who returns from above out of the light into the den."

The reader may apply this analogy if he pleases to some of the circumstances recorded in the accounts of sittings. Thus he may notice that the observer in the light who is looking at the real things may perceive objects which have not yet cast their shadows on the wall of the cave, but which probably will do so; and he may similarly perceive objects which have already cast their shadows but have passed

beyond the shadow line. It may be easier for him to see such objects than to see such as are actually at the moment casting their shadows. And it is not improbable, as Socrates points out, that he should make the most grotesque failures in estimating the shadows themselves. But we must not forget that this is only an analogy.

Returning to the actual circumstances, I say that *if* the "spirits" of our "deceased" friends do communicate as alleged through the organisms of still incarnate persons, we are *not* justified in expecting them to manifest themselves with the same fulness of clear consciousness that they exhibited during life. We should on the contrary expect even the best communicators to fall short of this for the two main reasons: (1) loss of familiarity with the conditions of using a gross material organism at all—we should expect them to be like fishes out of water or birds immersed in it; (2) inability to govern precisely and completely the particular gross material organism which they are compelled to use. They learned when living to play on one very complicated speaking and writing machine, and suddenly find themselves set down to play on another of a different make.

And we should reach a similar conclusion if we suppose that it is not merely the *nervous mechanism* of the "medium" that is acted upon by our supposed "spirits" (in some such way, whatever that may be, that each one of us acts upon his own material organism),—but the *consciousness* of the medium that is acted upon by the communicators. In this case we must suppose that the process of communication is telepathic. But from our knowledge of telepathic communications between embodied persons, even if we include the large number of spontaneous experiences of phantasms of the dying, we should certainly infer that no percipient while yet embodied could receive the full and complete impression of another personality. Such telepathic impressions indeed as we are warranted by direct experiment in holding to occur between one living person and another are of extremely partial and fragmentary character, not in any way comparable with even the ordinary results of Mrs. Piper's trance, and if we suppose the agent to be removed to a "world" whence he can affect the percipient more clearly, we must still suppose that the manifestations through the percipient will partake of the percipient's limitations. And here also, of course, the *modus operandi*, whatever it may be, must be a new and untried way. Whichever point of view we take,—whether the consciousness of the medium is impressed by the supposed spirit, or whether the consciousness of the medium is entirely absent and her nervous mechanism is used as a machine,—we should expect obscurities and deficiencies. If we had, say, an exceptionally good telepathic percipient receiving impressions from "spirits," we should not expect to find him receiving telepathic impressions from all agents equally;

we should expect that some agents would be much more successful than others, and should be quite prepared to find that some were not successful at all, even after repeated experiments. We should not be surprised at finding, even amidst highly successful results, other completely wrong guesses, as well as, in partial successes, distortions presumably due to the mind of the percipient. We might also expect to find occasionally that the percipient received impressions that were not intentionally conveyed. So also in the working of the complex nervous mechanism, we should expect to find great differences in expertness of operating. Some persons would begin to understand the new machine at once, whereas others would continue automatically in the habits they had formed with their old machines, and need to practise very many times before they could produce coherent results. And if their productions through the old machines had themselves been incoherent, still more incoherent might we expect their working of the new machine to be.

It will be obvious, I think, upon such considerations as these, and similar ones, that the confusion and failure which we find in Mrs. Piper's trance communications, are so far from being what we should *not* expect, that they are exactly what we *should* expect, if the alleged spirits are communicating.

But to all this it may be replied: "Granted that the results obtained are in accordance with what we should expect if they come from 'spirits.' It still remains an open question whether they *do* come from 'spirits.' All that you say applies equally well to the hypothesis that living persons only are concerned. The same partial and fragmentary character that you allege must be exhibited if the supernormal information in question comes from spirits, must also be exhibited if it comes from the minds of living persons, and since we do not doubt the existence of the minds of living persons, but do doubt the existence of 'spirits,' we adopt the hypothesis of telepathy from the living."

To this I answer that the character of the results would *not* be the same. The results would be fragmentary in both cases, but *not fragmentary in the same way*.

And herein we find, as I think, what will eventually prove to be the differentiating characteristics that point to the "spirit" hypothesis as the true explanation. I say *eventually*, because I think that there is at present not by any means enough material on hand to justify a positive conclusion. This point is so important that I devote a separate section to it. But first let me give a brief summary up to the stage we have reached.

Mrs. Piper has been giving sittings for a period extending over thirteen years. Very early in her trance history she came under the attention of Professor James, who sent many persons to her as

strangers, in most cases making the appointments himself, and in no case giving their names. She came to some extent under my own supervision in 1887, and I also sent many persons to her, in many cases accompanying them and recording the statements made at their sittings, and taking all the care that I could to prevent Mrs. Piper's obtaining any knowledge beforehand of who the sitters were to be. In 1889-90 Mrs. Piper gave a series of sittings in England under the supervision of Dr. Walter Leaf and Mr. Myers and Professor Lodge, where also the most careful precautions possible were taken to ensure that the sitters went as strangers to Mrs. Piper. Further sittings were supervised by myself in 1890-91 after Mrs. Piper's return to America. Many persons who had sittings in the course of these earlier investigations were convinced that they were actually receiving communications from their "deceased" friends through Mrs. Piper's trance, but although the special investigators were satisfied, from their study of the trance-phenomena themselves and a careful analysis of the detailed records of the sittings, that some supernormal power was involved, there was no definite agreement as to their precise significance. And to myself it seemed that any hypothesis that was offered presented formidable difficulties in the way of its acceptance. In the course of these earlier investigations, the communications were given almost entirely through the speech-utterance of the trance-personality known as Phinuit, and even the best of them were apt to include much matter that was irrelevant and unlike the alleged communicators, while there were many indications that Phinuit himself was far from being the kind of person in whom we should be disposed to place implicit credence.

During the years 1892-1896 inclusive, I exercised a yet closer supervision of Mrs. Piper's trances than I had done in previous years, continuing to take all the precautions that I could as regards the introduction of persons as strangers. This period was marked by a notable evolution in the quality of the trance results, beginning early in 1892. The character of the manifestations changed with the development of automatic writing in the trance, and with what was alleged to be the continual rendering of active assistance by the communicator whom I have called G. P. As a result of this it appeared that communicators were able to express their thoughts directly through the writing by Mrs. Piper's hand, instead of conveying them more dimly and partially through Phinuit as intermediary; and the advice and guidance which they, apparently, received from G. P., enabled them to avoid much of the confusion and irrelevancy so characteristic of the earlier manifestations. I may remind the reader of the striking evidence of different kinds furnished by the communicating G. P. (p. 328), and of the brief indications which I have given

in the previous section of this report that other communicators have presented strong characteristics of personal identity. Among these are more than half-a-dozen intimate friends of my own, who have produced upon me the impression, through different written communications, that they are the personalities I knew, with characteristic intelligence and emotion, questioning me and answering me under difficulties, but with their peculiar individual and responsive minds in some sense actually there. Now, to give Phinuit his due, notwithstanding all his shortcomings and delinquencies¹, I was inclined to think, even before the publication of my previous report, that Phinuit *believed himself* to be a "spirit." (*Proceedings*, Vol. VIII., p. 57.) But there was so much that was inferior about him that one could not attribute any force, on the ground of either his intelligence or his sincerity, to his persistent affirmations that he was a "spirit" and giving communications from "spirits." But we must, I think, allow some weight to such statements when they are made persistently by a continually increasing number of coherent personalities manifesting directly through Mrs. Piper's trance, and characterised by a high moral tone, a pervading sincerity, and a deep earnestness of purpose, who individually insist that they are the persons we knew in bodies incarnate; when they all make their statements from the point of view that would naturally belong to such persons under the conditions in which they claim to be; and when they stoutly resist any suggestions to the contrary. Those who adopt the hypothesis of telepathy from the living must clearly recognise the fulness and completeness of many of the personalities which they suppose to be fictitiously formed in connection with Mrs. Piper's trance, and the inversion, as it were, of the conceptions of living persons; so that there is produced this marvellous simulation of the "deceased," accompanied not only by their specific memories, but by the presentation of each character in its unity, showing a clear self-consciousness, a working intelligence of its own, and a morality in no case less than that of the persons concerned when living, but showing rather a more definite upward movement, a stronger determination towards the "things that are higher." And yet with all this apparently complete independence and

¹ Phinuit has of course been frequently commented upon by other communicators, and sometimes apparently resented somewhat the statements made about him. See the sitting of December 16th, 1892, (Appendix I., p. 429). G. P. there began to make some remarks about Phinuit, which were apparently followed by a struggle in Mrs. Piper's organism, after which there was quiet, and G. P. who was *writing*, wrote (and emphatically underlined it) *This is a tabula rasa*. Later on he used the voice. On January 14th, 1894, G. P. wrote: "I don't think it wise for you to ask Dr. Phinuit much now he is inclined to try too much at times, H, and thinks he hears things when they are not close enough to him. He is a mighty good fellow, but exaggerates a little occasionally when he is dull. Better not tell him I say this." (Compare *Proceedings* Vol. VI., pp. 517, 552-3.)

power of reasoning and lofty ethical aspirations, they must be regarded as either lying or mistaken about the fact of their existence itself, and must be assumed to be, one and all, merely fragments of Mrs. Piper.

But the reply to this consists in the statement, firstly, that these communicators themselves are unable to do things which they could have done when living, they make mistakes which, living, they would not have made, and they show deficiencies in other ways; and, secondly, that there are numerous other communicators who present very little evidence of being what they claim to be, and many who may be said to be entirely without any verisimilitude whatever; that the manifestations must be taken as a general group together, and, as such, are very different from anything we should expect if the communicators were really "spirits."

In answer to this I have adduced various considerations which make it clear that the partial and fragmentary character which we find in these manifestations as a whole is, on the contrary, precisely what we *should* expect if the communicators are the persons they claim to be, manifesting in our world by difficult and unfamiliar modes, and hampered by restricting conditions, of which there may be many unknown to us, but of which some are very obvious.

This being agreed upon, it is then urged in reply that the results obtained at the sittings are also such as might be supposed on the hypothesis of telepathy from the living, which, therefore, still remains in the field as a legitimate hypothesis.

To this I answer that the results in question might in truth be expected to be partial and fragmentary on either hypothesis, but that the deficiencies would be of different character in the two cases. In one case we have a relation between the "medium" and a group of "deceased" persons; in the other case, a relation between the "medium" (or percipient) and groups of living persons. Since the groups are different from each other, the results must also be different, and we have now to inquire whether any indications exist which seem to point to the one group of agents rather than the other.

§ 6. INDICATIONS THAT THE "SPIRIT" HYPOTHESIS IS TRUE.

If we suppose an extension of telepathy between one living person and another far beyond what we have been able to produce experimentally—a telepathy which shall involve not only specific impressions from many distant persons who have never been near the percipient, but also realistic conceptions of numerous persisting personalities with their own individual streams of consciousness and abiding reservoirs of

memories, personalities moreover which, so far as we can ascertain, *continue to grow*,—then indeed, on this arbitrary supposition, we might theoretically explain the success connected with any single communicator. If all communicators were equally successful, or if they were successful with the same living persons as sitters, but not with others, the indications would not point so strongly as they actually do to the “Spirit” hypothesis. It is the very failures which, when contrasted with the successes, point away from the living to the “dead.” The complex mass of manifestations falls into systematic order if we relate them to the supposed still existing personalities of the dead, and they fall into no systematic order in relation to the consciousnesses of the living. There are perturbations in the results which vary according to the invisible personalities who claim to be there, and not according to visible living persons.

And here I must clear the ground by a few preliminary considerations, referring to classes of cases that may be regarded as neutral, in the sense of not favouring one view more than the other. There are certain persons who appear to be almost entirely unsuccessful as regards communications from their “deceased” friends, and indeed at “sittings” altogether, and from causes which apparently inhere in themselves. This might be expected on either hypothesis. The agent in ordinary thought-transference experiments could scarcely look for success if he amused himself with other matters instead of trying to impress the percipient; and the sitter should not expect his remembrances of the dead to be reproduced by Mrs. Piper’s percipient trance-personality unless his mind is actively concerned with them. And so the sitter who hopes for a communication from a “deceased” friend can scarcely expect to get it unless his thoughts and emotions are directed towards that friend with longing sympathy. It may well be supposed that such a friend though living in “another world” may be conscious of such an appeal, but it would be unreasonable to suppose that the “dead” are perpetually waiting upon the living, whether the latter are longing for their presence or not. And it may even be that the state of mind of some persons is actually repellent to the efforts which their “deceased” friends make to communicate, as I have witnessed, I believe, on more than one occasion; and in many cases is not very helpful.

Parenthetically I may say that there are of course many cases where communicators appear who were not in the conscious minds of the sitters, and these taken together point as a group to the existence of independent intelligences. Such has been especially the case with communicators who have previously met friends at sittings, and who thus “know the way,” and return either to recognise new sitters, or to send messages to other living friends. The cases of

Louis R. (p. 337) and MacDonough (p. 340) are instances of what I mean. There are numerous other examples in my records. Be it observed that I am not now arguing that because certain incidents were not in the conscious minds of the sitters, they indicate an intelligence independent of sitters and medium. It is plain throughout the reports that the communications do not directly depend upon the supraliminal consciousness of the sitters, and that the facts, if they are to be accounted for by telepathy from the living, demand at least the supposition that the *subliminal* consciousness of the sitters may be drawn upon for information and also the minds of distant living persons. I am now considering a particular class of those facts, and asking whether they point to the action of extraneous intelligences or to thought-transference from living persons to Mrs. Piper's personality. I give another instance to make my meaning quite clear. Miss Edmunds was holding a sitting on behalf of a lady entirely unconnected with G. P. and his group of friends. G. P. wrote a little. As Mrs. Piper was coming out of the trance, the voice shouted excitedly, "Tell Aleck Bousser [pseudonym, the A. B. mentioned pp. 319, 334]. tell Aleck Bousser not to leave them alone." Miss Edmunds knew nothing of Aleck Bousser, but he was well-known to me. He was an intimate friend of G. P. and was also the husband of Madame Frederica, the living sister of Madame Elisa (p. 335), for whom G. P. had acted as amanuensis on more than one occasion. I sent the message immediately to A. B., and received the following reply:—

There certainly do happen to be some people I just was happening to have been debating about in my own mind in a way that makes your short message perfectly significant and natural. I am sorry thus to be obliged to feed your credulity, for I hate your spirits.

I understood, as it was described later, that Madame Elisa arrived with this message too late to give it herself, and G. P. gave it to the "returning consciousness" of Mrs. Piper in the same way that he gave the name Peirce (pp. 305-6). That Madame Elisa should select some significant circumstance in connection with living friends or relatives is intelligible; but to suppose that a fragment of Mrs. Piper's personality selects it is not intelligible,—it is not explanatory, and suggests no order.

Returning to the first class of cases which I mentioned, then, it seems clear that either the failure or the success, in getting the person desired as the alleged communicator, is explicable on either hypothesis.

Similarly, in many cases, the correct answers to special questions, when known to the inquirer at the sitting, may also be regarded as

explicable on either hypothesis. For example, when Mrs. Howard asked G. P. if he could tell the name of a certain book which she placed on Mrs. Piper's head without bringing it into Mrs. Piper's field of vision at all, and the correct answer at once came that it was his "French Lyrics," it might be regarded as a case of direct thought-transference from Mrs. Howard, or as a case of knowledge shown by the independent G. P.

The cases which seem in themselves to suggest merely thought-transference from the sitters are exceedingly rare, and even these are nearly all explicable otherwise. For example, the letter from Mr. Pelham given to G. P., which the Howards supposed to be about G. P. himself (p. 320), but which was a letter about business matters, did not lead to any statement about business matters from G. P., but to statements referring to the contents of the contemporary letter which Mrs. Howard thought she had presented. But the letter may have served, as G. P. at the time said it did, to bring him "nearer to his father," and to get at his *father's* state of mind. Still we may well suppose that some cases are, as a matter of fact, due to direct thought-transference from sitters. I have no doubt that the emotional state of sitters is usually readily discerned by the communicating intelligence, and think it probable that in rare cases, analogous to occasional instances of thought-transference between living friends, the personality purporting to communicate is affected by specific information possessed by the sitter.

There is further another type of case which is explicable equally well on either hypothesis, where a test is given that the sitter thinks might be given,—though not specially asked for, except in general terms. For example, a club friend of my own named Otis made several brief communications at sittings. I asked him for a test, and he replied by reminding me of the "sword-dance." He had on a previous occasion referred spontaneously and naturally to the fellows at the club and the Christmas festivities, but did not then refer to the sword-dance, though that was in my mind. He was my *vis-à-vis* in a sword-dance given by ourselves and six other members of the club in connection with some Christmas festivities. Now if Otis had asked me how he could know that I was Hodgson, I should have replied "sword-dance," as that was the only special matter between us in which we were both particularly concerned. But where the communicators have other personal and striking remembrances in common with the sitter, we find that such a coincidence rarely happens, or I should say that there is no indication that it happens more frequently than we should expect on the hypothesis that the communicator is drawing upon his own remembrances. Very frequently, indeed, the answer given by the communicator to a particular question strongly suggests

in itself an independent mind. For example, when Mrs. W. L. P. asked Louis R. for the German nickname by which he used to call her husband, he referred, not to the one of which she was thinking, but to another, *Up and Dust* (p. 338). Again, when Miss Vance (p. 437) asked G. P. for the name of a deceased college friend of her brother Ken, G. P. answered *Harry Guild*. This was the name of another college friend who died in 1888. The one of whom Miss Vance was thinking died in 1887, and his first name, Charles, was given by G. P. after he was told that Harry Guild was not the name intended, although a correct answer. Similarly, in the case mentioned by Professor Nichols (p. 535). He and his mother one Christmas exchanged rings, and each had engraved in his gift the first word of the giver's favourite proverb. Professor Nichols lost, many years before the sitting, the ring which he had received from his mother. When his mother died, a year before the sitting, the ring which he had given her was at her request taken from her finger and returned to him. This ring he held in his hand at the sitting—having, as he says, “in mind *only that ring*,”—and asked what was written in his mother's ring. His mother at the moment purported to be using the hand, which immediately “slapped down on the paper,” not the word in the ring which he was holding, but “the word in *the other ring*” which his mother had originally given him and which “had been lost years ago while travelling. As the word was a peculiar one, doubtfully ever written in any ring before, and as she wrote it in such a flash, it was surely curious.” It might be said that wherever the correct statements made by the communicator were known to the communicator when living, and are not, or have not just been, in the conscious mind of the sitter, although once known to the sitter, they make for the hypothesis of an independent intelligence. I think myself that they do, at least to some extent, but I am assuming for the present that the subliminal consciousness of the sitter may be drawn upon by the “medium.”

Putting aside then, as not pointing definitely to either of the views we are considering, any cases of complete failure, and cases of partial or complete success of the ordinary kind where information is given about facts once known to the sitter, we come to a type of failure that appears to me to point distinctly to the agency of the “dead.” Take such cases as I have described on pp. 349-50. The sittings which I held for the purpose of obtaining communications from A., were held under circumstances which seemed favourable, so far as I could judge, in other respects. Other communicators manifested clearly at some of the sittings. My own mind, as well as the minds of distant living relatives and friends of his, according to the hypothesis of telepathy from the living, might have been drawn upon. If the information given to me

at some of these sittings, and at other times from other persons, about private incidents in my own life, many of which I believe to have been known to no other person living but myself, and about an enormous number of other matters concerning myself and deceased friends which, if not exclusively known to myself alone, are of so intimate a character that I have no doubt that they must be assigned to some supernormal origin,—if, I say, all this information came from my own mind,—then it is unintelligible that definite information could not be “given back” to me concerning A. To suppose that the mass of facts associated in my mind, supraliminal and subliminal, with A., and bound by strong sympathy, should result in incoherencies of expression from “A.” when contemporary communications from other persons were clear, is not explanatory. The circumstances suggest a confusion in the actual communicator A., and when we remember that his head frequently troubled him for some years before his death, and when we find a similar confusion manifesting itself in connection with other communicators who suffered for a long time under confusing bodily conditions, the facts begin to fall into order. In some respects, of course, each example stands by itself, and, as I have stated, I do not think that we have enough material yet to apply any calculus of probabilities, but I hope that such material as I have on hand may be largely increased by further investigations and by other investigators. The causes of confusion in communicators are still very obscure; but prolonged bodily disturbance, especially if associated with mental disturbance, in the communicator while living, seems invariably to be followed by confusion in his early attempts at communication.

Take a case like that of the communicator at M. Bourget’s sitting (p. 495). The communicator, a lady, apparently tried to write herself, but was unable to produce anything more than two or three French words, among them what seemed to be *mon dieu*. Very little that was coherent could be obtained from her. G. P. nevertheless correctly stated that she was a beautiful lady who was an artist by profession, that she had very expressive eyes and short hair, combed and parted curiously on the side, that she had a severe trouble with her head, followed by confusion, and that in a fit of insanity she jumped out of a gondola or boat. Only the first syllable of *Bourget* could be obtained, and another communicator, who apparently offered to render assistance as being a good French scholar—as G. P. was not—succeeded only in getting the lady’s first name, for which M. Bourget asked. He was thinking of *Matilda*. The name given was *Tillie*. “Venice” was the answer to another question put by M. Bourget, and “Venice” was written spasmodically at the end of the sitting, probably by G. P. (see p. 310).

Various cases of communications from suicides have come under my attention, at least six, in three of which repeated opportunities have been given for communication, and in which the details of nearly all the sittings are known to me. I have, besides, five cases of prolonged bodily disturbance where many opportunities have also been given for communication, and where I am also familiar with all the results. In four of the eight cases where many opportunities to communicate were given, the alleged communicators were intimate friends of my own, and another I knew very well; and my own mind was full of clear and vivid memories concerning them. In two cases I had never met the persons concerned when living, but I knew intimately living friends of theirs whose minds might have been drawn upon for clear statements according to the hypothesis of telepathy from the living. In one of these cases the friends themselves had repeated sittings. In the remaining case I knew the person when living, though not intimately, and I knew a good deal about him. In all these cases the confusion persisted through varying conditions of Mrs. Piper's trance, and while clear communications were received from other persons; and yet, so far as the sitters' minds were concerned, there seemed no assignable reason why the communications were not clear originally, or did not soon become clear, if dependent upon living persons. Similarly in other cases, where the mental disturbance was less pronounced, or where we can scarcely suggest, owing to our ignorance of the circumstances, what the precise cause of the inadequacy of the communicator might be. Probably in many cases,—and this applies particularly to the group of clearer communicators, between whom we find individual differences—the skill in “controlling” the nervous mechanism of the medium is as little traceable to any external differences discernible in the persons known to us when living, as would be, say, the ability to play the violin well. And thus we get all varieties of communication; some of them, purporting to come from persons who when living were much mentally disturbed, suggesting the incoherency of delirium; others of them, purporting to come from persons who have been dead very many years, suggesting a fainter dreaminess; others, purporting to come from persons recently deceased whose minds have been clear, showing a corresponding clearness in communication. Even these last indeed require some practice in handling the writing mechanism, and at first the assistance of G. P. or some other experienced amanuensis has usually been required.

But I am anxious to avoid any misunderstanding as to the causes of failure in communicators. I have referred to certain extreme types of persisting confusion as indicating most markedly the actual presence of the communicators, inasmuch as in these cases there have been repeated opportunities for communication, in some cases with different

sitters, and under numerous varying conditions. Thus, to take one case, at the time of my earliest sittings for C. (p. 350), I believe that I was unaware that he had taken his own life. And in other cases the confusion in the communicator was not consciously expected in any way by the sitters, including myself, who were on the contrary entirely unable to understand the strange incoherencies and irrelevancies that purported to come from their "deceased" friends, rather than the clear utterance, and the sweeping recollections of which we ourselves were so vividly conscious, and of which we looked to see some striking manifestation from that "superior world" to which our friends had gone. My own conclusion as to what might be anticipated in such cases, where the communicators when living suffered from prolonged bodily weakness or extreme mental disturbance, is a late induction of my own, forced upon me by experience, and strengthened by various statements of the communicators themselves concerning the causes of confusion.

In most other cases, not of this extreme type, where only one or two opportunities have been given for communication, and where there has not been any prolonged mental disturbance, or any mental disturbance at all, the incipient confusion is fully accounted for by the necessary conditions of communicating, if the persons alleged are actually there, trying to express themselves for the first time through an unfamiliar organism. And when opportunity is given for further communication, part of this confusion seems to clear away, and what remains is what we should expect under the circumstances. I now refer to various instances of this in illustration. In some cases the confusion is comparatively slight, in others it is very marked. Thus, there was a certain amount of confusion in G. P.'s first communications to Mr. Hart, and one of the statements suggested to the Howards a time when G. P. had been ill at their house. Similarly at the first sitting of Mrs. M. (p. 341), her brother wrote although she was hoping for some communication from her husband, and the confusion, as she says, reminded her painfully of the last hours of her brother's illness which had been passed in delirium. This was obviously contrary to any conscious expectation of Mrs. M., and if it be urged that it was drawn telepathically from her subliminal consciousness, we ask why was that particular group *selected* by the medium.

Again, that persons just "deceased" should be extremely confused and unable to communicate directly, or even at all, seems perfectly natural after the shock and wrench of death. Thus in the case of Hart (p. 353), he was unable to write the second day after death. In another case (p. 440) a friend of mine, whom I may call D., wrote, with what appeared to be much difficulty, his name and the words, "I am all right now. Adieu," within two or three days of his death.

In another case, F., a near relative of Madame Elisa (p. 335), was unable to write on the morning after his death.¹ On the second day after, when a stranger was present with me for a sitting, he wrote two or three sentences, saying, "I am too weak to articulate clearly," and not many days later he wrote fairly well and clearly, and dictated also to Madame Elisa, as amanuensis, an account of his feelings at finding himself in his new surroundings. Both D. and F. became very clear in a short time. D. communicated later on frequently, both by writing and speech, chiefly the latter, and showed always an impressively marked and characteristic personality. Hart, on the other hand, did not become so clear till many months later. I learned long afterwards that his illness had been much longer and more fundamental than I had supposed. The continued confusion in his case seemed explicable if taken in relation with the circumstances of his prolonged illness, including fever, but there was no assignable relation between his confusion and the state of my own mind.

The more or less incoherent writings of different communicators appear to me to be invaluable as regards the light that they throw upon the workings of consciousness in the communicators and upon the process of communication itself, but the readers of these *Proceedings* may probably find it tedious to read even the examples I have given in the Appendices, where a little of the detailed direct writing of first communicators is reproduced. Take the sittings of Mr. Mitchell (pp. 517-23). At his first sitting, held in the afternoon, Phinuit was unable to use the voice, owing to the lack of "light." Mrs. Piper had become partially entranced in the morning unintentionally, and Mr. Mitchell and myself waited for more than two hours before the trance began. The communicator purported to be the wife of the sitter, recognised her husband, giving his name James, gave her own name as Margaret, and as M. M.—all correct—made attempts to write the name Edith (that of a living daughter), writing E.M. and *ddie* and *ed*, and "our *ddie*," and

¹ The notice of his death was in a Boston morning paper, and I happened to see it on my way to the sitting. The first writing of the sitting came from Madame Elisa, without my expecting it. She wrote clearly and strongly, explaining that F. was there with her, but unable to speak directly, that she wished to give me an account of how she had helped F. to reach her. She said that she had been present at his death-bed, and had spoken to him, and she repeated what she had said, an unusual form of expression, and indicated that he had heard and recognised her. This was confirmed in detail in the only way possible at that time, by a very intimate friend of Madame Elisa and myself, and also of the nearest surviving relative of F. I showed my friend the account of the sitting, and to this friend, a day or two later, the relative, who was present at the death-bed, stated spontaneously that F. when dying said that he saw Madame Elisa who was speaking to him, and he repeated what she was saying. The expression so repeated, which the relative quoted to my friend, was that which I had received from Madame Elisa through Mrs. Piper's trance, when the death bed incident was of course entirely unknown to me.

“she was very ill, but will get well.” She had been very ill, and was “about recovered.” The communicator apparently tried to write her name at the beginning, but wrote “*Mit, Mitel.* I am she.” Mrs. Mitchell died of cancer, and in the writing came “no more cancers—you know, dear.” Several other names were also mentioned that were unknown to the sitter. The special confusion was in my view owing to two circumstances: (1) the lack of “light”; (2) the inexperience of the communicator. At Mr. Mitchell’s second sitting, five days later, the results were much clearer. Phinuit gave the name Margaret Mitchell quite distinctly, and in reply to the sitter’s demand for a test, his “wife,” writing, correctly referred to the little house where they first lived and the little stoop where she used to sit, and in reply to the demand for a pet name he called her, she wrote that he called her Maggie first, as was true, and then wrote *Dellie*, the pet name to which the sitter referred being *Dollie*. She also referred to “the baby,” as with her; a little grandchild who had died a year previously was always thus spoken of in the family. There was some writing also from the sitter’s son George, whose name was correctly given and who referred to his brother James correctly as being “with us.” The sitter had taken a gold watch to the sitting which “George” rightly claimed and then referred to a silver watch which he had owned, also true, though of little evidential value. The middle initial of his name was given first as A and then as I, before being given correctly as S. A name Davidson, which was unknown, was mentioned in connection with the watch, and later on the name Rich, a gentleman well known in the sitter’s family, with Robert, which apparently had no special significance. In the writing came: “My lungs are well,” and “Do you think consumption a bad thing?” George had died of consumption. In reply to questions as to where he went for his health and whom he met there, he stated correctly that it was South, and gave the name Wilson (correct), after several attempts at words beginning with a “W.” This was followed by a little obscurer writing at the end of the sitting from “James,” the other son of the sitter, who placed a notebook on the hand and asked what it was. “My accounts and description of a trip to” . . . The next words were undecipherable. The book was one of several containing a journal of a voyage to China viâ Australia. The important matter about sittings like these and many similar ones appears to me to be not so much the mere facts that are offered, false or true, but the matrix in which they are imbedded; and this cannot be appreciated without a careful study of the detailed reports themselves. Thus, in the second sitting, G. P. is represented as rendering assistance. “All right, I remember, but it is hard to put it as Pelham asks me—WILSON.” The communicator has difficulty in reproducing the name Wilson clearly through the writing mechanism, and

G. P., as on many occasions at other sittings, tells him to make capital letters. Compare this with the early part of Mr. C.'s sitting (p. 514) where the communicator, after greeting the sitter naturally, tries to write his own name.

Don't you remember me Duane? I will, D W A I N E, D-W- I am bothered. This is it, it alone, D U A N E.

I reproduce this with explanatory comments.

Don't you remember me Duane? [Sitters not sure of word *Duane*. G.P. tells communicator to put it in capitals. Communicator says to G.P.:] I will [and tries. Writing mechanism spells out] D W A I N E [sitters spell out the letters. Communicator tries again.] D W [Sitters spell out the letters. Communicator says to himself or to G. P.] I am bothered. [Perhaps to himself] This is it, it alone. [Final successful effort] D U A N E [correct name].

I shall say more about the writings themselves in Part II. of my report, but this instance will suffice here to illustrate the fact that there is often a confusion in result which is not the confusion of the communicator's mind. There are, indeed, three kinds of confusion that need to be distinguished by the investigator: (1) the confusion in the "spirit," whether he is communicating or not, due primarily to his mental and bodily conditions when living; (2) the confusion in the "spirit" produced by the conditions into which he comes when in the act of communicating; (3) the confusion in the result due to the failure of complete control over the writing (or other) mechanism of the medium. (2) and (3) are increased very much by the failures of sitters to understand the process. Thus when "Mrs. Mitchell" was requested to repeat words which we had difficulty in deciphering, she wrote:—

No, I can't, it is too much work and too weakening, and I cannot repeat—you must help me and I will prove myself to you. I cannot collect my thoughts to repeat sentences to you. My darling husband, I am not away from you, but right by your side. Welcome me as you would if I were with you in the flesh and blood body. [Sitter asks for test]. * * * I cannot tell myself just how you hear me, and it bothers me a little . . . how do you hear me speak, dear, when we speak by thought only? But your thoughts do not reach me at all when I am speaking to you, but I hear a strange sound and have to half guess.¹ . . .

Of such confusions as I have indicated above I cannot find any satisfactory explanation in "telepathy from the living," but they fall into a rational order when related to the personalities of the "dead."

Most communicators, when they attempt to produce the writing themselves, find themselves in a state of complete bewilderment at first, and frequently an extreme mental automatism is shown, but so

¹ Note how this corresponds with the difficulties which I have suggested on p. 332 as being in the way of the communicator.

far as I have been able to extend my analysis, such automatism in each case seems to suggest the mind of the alleged communicator. And in these extreme types there may be given not merely information peculiar and private to the communicator that was known to him when living and that may or may not be known to the sitter, but information of contemporary events elsewhere, unknown to the sitter. Thus one of our members in Boston, Mrs. J., had much difficulty in getting her husband to write his own name in full, and afterwards had the same difficulty in getting her own first name written; at her second sitting when she asked for it, it was not written at all, though other matters connected with her family were correctly mentioned. At the third sitting she asked about her son living:—

“ . . . the silver handle troubles him . . . my shop . . . where is my shop . . . or my work . . . the new handle troubles me or him.” Later this was repeated.

Mrs. J. called at her son's office the same day and wrote to me on the following day that “the bother about a silver handle was correct.” Her son was engaged in jewellers' designing work, as her husband had been, and she “found him,” as she wrote in more detail two days later, “quite upset by the ‘bother’ he had had to make the handle in perfect keeping with a very fine creamer he had designed and made.” Mrs. J. was unaware of the trouble, and no such incident had occurred before. This, of course, belongs to a type of case to which I have previously referred, as occurring frequently among clearer communicators (p. 372); where it is difficult to suppose that Mrs. Piper's secondary personality selects such an occurrence for reproduction, but where it becomes intelligible on the view that Mr. J. was interested in his son's doings, and that the mention of his son brought up the consciousness which he had just acquired of his son's worry. Yet this was consistent with the utmost difficulty in keeping his thoughts together sufficiently to follow and answer our questions about his own name or the name of his wife.

I give another case connected with Mr. Vance, whose first sitting was on March 30th, 1892 (p. 457). Besides G. P.'s inquiry after the sitter's son and his correct statement that the son and himself were in college together, and his correct description of the sitter's country house in reply to the question where he had stayed with the Vances, another striking piece of information was given by Phinuit. The sitter presented a paper, and Phinuit said it looked more like a little verse than anything else. “Do you know there's two Marys connected with this. Two Marys were in the body. One Mary suggested it and the other Mary wrote it. One is mother, and mother suggested it.” This was true. It was a short verse from the Bible, and “was written by my sister at my mother's request shortly before her death; it was given to me with a special motive, and has

been kept under lock and key until it was taken to Mrs. Piper." The information purported to come, through Phinuit, from Mary, the "deceased" writer of the verse. Mr. Vance, then, if this communication and the answers from G. P. were instances of thought-transference from his mind, was not altogether a "bad agent." Three years later Mr. Vance had another sitting for the purpose of getting communications from a recently deceased friend. G. P. appeared, gave the name of the sitter, asked after his son, and tried to get some clear communications from the friend, who purported to be there. The sitter asked the friend various questions, but all the answers or remarks were irrelevant, and names asked for were given wrong. He asked specially for the name of a book written by the friend, to which no answer was given at the time, and an answer given at a later sitting was wrong. Yet the name of this book was well-known to me as well as to Mr. Vance, who also I believe at the time knew the answers to the other questions which he asked. G. P. himself however appeared to be quite clear, and when I finally suggested that he should stop writing as the results were all confused, wrote: "Adieu, Vance. Sorry to be put out in this way, but suppose I shall have to swallow it. G. P. Adieu. Sorry you did not wish to see me." The friend apparently complained of his head at the beginning of the sitting, and later on said, "I feel very sleepy." In life, as a matter of fact, he suffered from mental trouble for which he was compelled to take hospital treatment, and from other details known to me, I should say that this is precisely the type of case from which I should *now* expect to get no clear communications until long after death and after much familiarity with the process of communication.

It was out of the automatic dreameries of persons in some such conditions as those which I have illustrated above, that Phinuit in my present view so often had to fish his facts, and I think that assent to correct statements and other clues from the sitters, besides helping the "communicator," were probably of great service to Phinuit, enabling him to "cast his line" for those mental automatisms that specially concerned the sitter. Much light seems to me to have been thrown upon Phinuit's mistakes and obscurities and general method of trying to get at facts, in what were on the whole bad sittings, by comparison of the results obtained from the various communicators writing directly or using G. P. as amanuensis; and I feel pretty sure that much of Phinuit's "fishing" was due to the confusions of the more or less comatose communicators whose minds had let loose, so to speak, a crowd of earthly memories. And in cases where we should *à priori* be led to expect that the communicators would certainly not be confused, or, if they were confused, the confusion would not make much difference, Phinuit was particularly successful. These cases, in which there was

also a little direct communication with the voice, seem to me to afford a special argument in themselves in favour of the "spirit" hypothesis. They may be contrasted with the type of extreme failures which I have connected with chronic morbid habits or disruptive dominant ideas. The cases I refer to are those of little children recently deceased.

Before describing these I refer to the cases of two children who had been dead many years. Mrs. J. (to whom I have referred on p. 381) received at her first sitting a little writing, only a few sentences, purporting to come from her son, who died twenty-four years before at the age of two years and three months, from suppressed scarlet fever causing congestion of the lungs. He gave his name Arthur, wrote, "Here I am, Mamma, after all these years," and said that his father, recently deceased, was with him; mentioned three names that had no relevance for the sitter, and said that his head and stomach were all right. Mrs. J. knew well that there was no trouble with the head or the stomach, and she had other vivid remembrances of her child which were not mentioned. This is not an unnatural result if regarded as coming from the professed communicator, in whom we should perhaps hardly expect to find much recollection of events that occurred in the life on earth when he was such a little child twenty-four years before.

The other case is that of the son of Mrs. R. (p. 511) who was killed in an accident some thirteen years previously when about thirteen years old. Through G. P. writing, he gave his name Roland, and referred to his having been killed. I knew somewhat of the circumstances and made some remark about the "little boy." G. P. wrote:—"Roland is a gentleman, not a boy." He referred to a picture as being dear to his mother (she was in the habit of carrying a portrait of him about with her), referred to the years that had passed, and quoted a passage: "Don't worry about me, Mamma, I am all right, and as happy as possible," words which Mrs. R. states were in a letter received by her from "a strange medium" soon after her son's death, and which purported to be a message from her son. She refused to accept it at the time as such. This communication was apparently referred to at the sitting.¹ So far as this communication went, concerning the matters pertaining to Roland himself, it seemed very clear, but there

¹ There are several other cases in the reports where reference is made to communications through some other mediums. See Mr. Mitchell's sitting, p. 518, and Dr. K.'s, p. 527. In Dr. K.'s case the circumstance might be of some evidential value if we had more details. The case of Mr. T. B. C., p. 472, is interesting, but might of course be accounted for by direct thought-transference. I have two or three other private cases in my records, but at best they merely add a few incidents which strengthen the view that telepathy from the sitter is not an adequate explanation. See p. 351. Of course if the real persons are actually communicating under the novel conditions to which I have referred, it is probable that they themselves would have an unusually vivid recollection that they had done so.

was no reproduction of boyish incidents which must have been stored in Mrs. R.'s mind, and of some of which, as I know, she had thought much and constantly. Yet it is not unnatural that after thirteen years in another world, if we suppose a change from childhood to maturity, such boyish incidents should not be dominant in the mind of the actual communicator.

If we had numerous cases like these two, and numerous cases like those which follow, they would, when contrasted, furnish an additional argument in favour of the view that the alleged communicators are actually the persons that they claim to be.

There are various references in the records given in Appendix IV. to the twin children of Dr. and Mrs. A. B. Thaw. One of these, Margaret, died a year before their first sitting at the age of six months, and the other, Ruthie, died three months before their first sitting at the age of fifteen months. The communications concerning these children were given almost entirely by Phinuit, who had, however, some difficulty with the names. At the first sitting several attempts were made before the name Margaret was given clearly. Trouble with teeth was mentioned in connection with the children, apparently as the first impression on the appearance of Margaret, but not actually specified as Margaret's. Margaret was teething when she died. Phinuit also said that one of the children wanted baby's beads. Margaret used to play with a necklace of beads belonging to her older sister living. And referring to Margaret, Phinuit said that she had some flowers in her hand, that "she liked them and took them with her." Mrs. Thaw had placed three little flowers in Margaret's hand after her death. Phinuit got much more in connection with Ruthie, whose first appearance seemed to be accompanied by a recurrence of associations connected with the trouble that caused her death, dysentery and sore throat. Phinuit indicated the locality and the distress, and Ruthie's dislike of "the powder." Bismuth was given through the entire illness of two weeks and was always given with trouble. Phinuit spoke of Ruthie as having light golden hair, afterwards adding curly;—correct—but called her a boy. The living Ruthie was very generally mistaken for a boy, but not, of course, by the Thaws. Yet Phinuit had much difficulty in getting the name, and failed to get nearer than Ethie, and the sitters told him it began with R. Phinuit said that she had not learned to talk, but later on he got the name Ruthie correctly. He remarked that she only said papa and mamma. Other words that the living Ruthie said were given in later sittings. Phinuit described her as wanting to see the stars. For two or three months before her death Ruthie was fond of pointing at the stars through the window. At the beginning of the sitting Phinuit said she put her hand on Dr. Thaw's head, and

afterwards described her as wanting to pat his face, actions which were characteristic of the living Ruthie towards Dr. Thaw. Similarly she wanted to hear the tick tick (watch) in connection with her uncle Aleck, and it was he who chiefly used to hold the watch for her to hear it. And another characteristic action was reproduced in connection with Mr. Melvin W. ; Phinuit said she wanted him to wave the hand in a certain way to Mr. W., and the living Ruthie waved her hand in that way to Mr. W., and to him only. Reference was also made to her picture, and Mrs. Thaw was painting a picture of Ruthie when she was taken ill. In later sittings Phinuit described her as saying other words, *baby*, *pretty*, *Bettie*, and *pussie*, with the accent used by Ruthie when living. These were the only words besides the *papa* and *mamma* mentioned before, used by Ruthie when living. The first time Mrs. Thaw wore fur at a sitting, the hand stroked it, and Phinuit whispered "pussie" as Ruthie living used to do. But Ruthie had whispered "pussie" at a previous sitting. Two or three times there seemed to be a direct control of the voice by Ruthie who took the place of Phinuit (pp. 564, 576, 578). The first time she whispered *pttee* and *pssee* (pretty and pussie) and the second time *pttee* only, the words being many times repeated. This second occasion was connected with rather a striking incident. Mrs. Piper was visiting the Thaws in New York. and they took her up the river Hudson to their country house and had a sitting on the afternoon of the day of their arrival. I was taking notes, sitting slightly to one side and partly behind Mrs. Piper, while Dr. and Mrs. Thaw were sitting in front of her, with their heads somewhat bowed. Phinuit apparently "left," and his place was taken by Ruthie, who began whispering *pttee pttee*. The hand rose and turned somewhat diagonally and extended the forefinger and pointed towards a picture on the far side of the room. The Thaws did not see this action until I drew their attention to it, when they looked up, and followed the direction of the pointing. The hand then trembled and sank. Dr. Thaw noted : "During the last month of Ruthie's life it was a regular morning custom to bring her to the room in which this sitting was held—our bedroom—and she would always point, as hand did in sitting, with *one* finger (unusual with a baby) and say 'pt-tee, pt-tee,' just as in sitting. This little incident had not been in either sitter's conscious mind since baby's death, six months before. Mrs. Piper had never been in that room until the actual time of sitting. Many other pictures in the room, two of which Mrs. Piper's hand could have pointed at more easily than the particular one always noticed by the baby." ¹

¹ Dr. Thaw was a careful investigator, and I have no doubt myself that Mrs. Piper herself in her normal state knew nothing of the room or the incident of the picture, but of course I do not offer an incident like this by itself as any proof of supernatural power. Mrs. Piper was a guest of the Thaws at the time, and those

In the two sittings which Mrs. Sutton had in December, 1893, (p. 484) she had articles which had been used by her recently deceased little girl Katherine. One incident that was characteristic in the case of Ruthie, the patting of her father's face, was repeated in the case of Katherine, when it had no special significance. There were only three points that might be described as in part common to the two children Ruthie and Katherine. Katherine had "lovely curls," mentioned by Phinuit, and also called for "the tick-tick," but Phinuit added correctly that she called it "the clock," and the word *babee* was given correctly, as Ruthie also used to pronounce it. Apparently the only incorrect statement purporting to come from the child was that she called a lady (Mrs. C., a friend of Mrs. Sutton, who purported to be present in "spirit," bringing the child, and whose Christian name and surname were given correctly by Phinuit) *Auntie*. The lady was not her aunt. The statements made came through Phinuit. Concerning a silver medal it was said that she wanted to bite it, and concerning a string of buttons that she wanted to put them in her mouth, both correct. Phinuit said that she had no sore throat any more, and that she kept showing him her tongue. Katherine living had sore throat and her tongue was paralysed. She gave correctly the name by which she called herself, *Kakie*, the name *Dodo* by which she called her brother George, the name *Bagie* by which she called a living sister, Margaret, and the name, Eleanor, of another living sister for whom she called much in her last illness. She also asked for Dinah, this being the name of an old rag-doll. She said truly that Dodo used to march with her, "he put me way up." She wanted to go to "wide horsey"—as the living Katherine had pleaded all through her illness, and to be taken "to see the mooley-cow," the name by which the living Katherine called the cow, which she was taken almost daily to see. She said she had "the pretty white flowers you put on me," and Phinuit described lilies of the valley, which were the flowers that had been placed in the casket, (see p. 303). She said she was happy with grandma,—Mrs. Sutton's mother had been dead many years,—and later on wanted to send her love to her grandma and also apparently to her great grandma who was referred to as *Marmie*. She had a grandmother and also a great grandmother then living, and

persons who are disposed to explain these phenomena by the hypothesis of fraud can readily suppose that Mrs. Piper may have acquired the information needed to go through the scene described above. Believing that there is abundant proof, in this and the previous records published, that Mrs. Piper in her trance-state possesses supernatural power of a kind which goes at least as far as telepathy from distant living persons, and being satisfied myself otherwise that Mrs. Piper does not hunt up information about sitters, I have, in considering what hypothesis seems best to fit the phenomena as a whole, put aside the question of fraud. I refer to the subject occasionally in this way for the purpose of avoiding misunderstandings.

Marmie was the name by which Mr. and Mrs. Sutton spoke of the great grandmother, but Katherine always called her *Grammie*.¹ She also referred to two songs she used to sing: "Bye bye, O baby bye," and "Row Row, my song." This "Row Row" song was sung frequently by Katherine during her illness, and was the last sung by her when living, and she asked Mr. and Mrs. Sutton to sing it at the sitting. They sang the first four lines, and the voice—presumably still "controlled" by Phinuit in imitation of Katherine—sang with them. Phinuit then hushed the sitters, and the voice sang the remaining four lines above. It is, of course, a familiar child's song (p. 486). At the second sitting a fortnight later, the voice sang all eight lines alone, then asked Mrs. Sutton to sing it with her, as she did, and then at Mrs. Sutton's request also sang with her the other song "Bye bye," precisely, according to Mrs. Sutton, as the living Katherine sang it. Mr. Sutton, who was present at the first sitting, did not attend the second sitting, and he was asked for immediately after this singing, which came at the beginning of the sitting. "Kakie wants papa." This was a very characteristic expression. There were indications suggesting a knowledge of what was going on in Mrs. Sutton's family. At the first sitting Katherine said she went "to see horsey" every day. The sitters had been staying in the country with Mr. Sutton's parents and had been driving frequently. Margaret, a living sister, was still there, and driving daily. Mrs. Sutton, who has had many psychical experiences herself in seeing the "apparitions" of "deceased" persons (see p. 484) had "seen Kakie" during that visit to Mr. Sutton's parents. At the second sitting Katherine said that she saw Bagie with grandma, and that she played with Eleanor every day and liked the little bed. A lady had recently lent Eleanor a doll's bed, but Mrs. Sutton had not associated this with Kakie. There were incidents at both sittings which showed associations that seemed to be in the mind of the child, which did not awaken the corresponding associations in the minds of the sitters even when the contemporary notes to the sittings were made. Thus in the first sitting she asked for "horsey." Mrs. Sutton gave a little toy horse with which the child had played during her illness. But the child said "big horsey, not this little one," and Mrs. Sutton surmised that she referred to another toy cart-horse that she used to like. At the second sitting came "Kakie wants the horse," and the little horse was again given.

No, that is not the one. The big horse—so big. [Phinuit shows how large.] Eleanor's horse. Eleanor used to put it in Kakie's lap. She loved that horsey.

¹ It scarcely needs mentioning that this is explicable on either of the hypotheses under view.

These additional particulars, which were true, then reminded Mrs. Sutton of the horse referred to, which was packed away in another city, and which had not occurred to the mind of Mrs. Sutton in connection with Kakie. Similarly at the first sitting she asked two or three times for "the little book." The sitter noted that she liked a linen picture-book. But the remarks made at her second sitting suggest that the little book in the child's mind was not this one. "Kakie wants the little bit of a book mamma read by her bedside, with the pretty bright things hanging from it—mamma put it in her hands—the last thing she remembers." Mrs. Sutton states that this was a little prayer-book with a cross and other symbols in silver attached to ribbons for marking the places, and that it was sent to her by a friend after Kakie had ceased to know anyone except perhaps for a passing moment. Mrs. Sutton read it when Kakie seemed unconscious, and *after Kakie's death*¹ placed it in her hands to prevent the blood settling in the nails. She adds later that Mrs. Piper's hands when the book was asked for at the sitting, were put into the same position as Kakie's.

Another book was mentioned at the second sitting which apparently was the one Mrs. Sutton thought of at the first sitting. "Kakie wants the book with red letters and pictures of animals." Correct description.

At this second sitting also Katherine again apparently referred to Mrs. C.,—who was not a relative,—as *Auntie*, and to her great grandmother as *Marmie*. At this sitting Mrs. Sutton twice saw the "apparition" of Kakie (and she also saw the figure of Dr. Clarke, another communicator, just as Phinuit said: "Here is an old gentleman who wants to speak to you, Dr. Clarke," see p. 484). On one of these occasions Mrs. Sutton "saw her for a moment, standing at the table, trying to reach a spool" of silk, and at the same moment Phinuit reached for it saying: "She wants that, she and Eleanor used to play with. She calls it Eleanor's." This was all true, but the sitter "had not connected it with Eleanor in her thoughts." Another incident I quote here just as it is given in the detailed report of the sitting.

[Kakie asks for her ball. I gave it to Phinuit, who tries to find what she wants to do with it.]

Bite it? Toss it? Roll it? Throw it?

[No, she wants a string. Mrs. H. gave him a string. He tries to tie it around the ball.] [A little red wooden ball with a hole through it. The ball had a string through it when she used to play with it.]

No, that is not right, through it.

There, there, be a good little girl. Don't cry. Don't be impatient, you want your mamma to see how you do it, so she will know it is you, don't you, dear? Old man will do it for her.

¹ If the human personality survives death, it may be a difficult question to decide in individual cases precisely when the consciousness is finally withdrawn from the body.

[He put the string through, held it up, and hit it with the finger, making it swing.]

That is it, is it not, darling. ? Nice little girl as ever was.

[While she was sick, it was her great delight to have me hold the string, and let her hit the little red ball with her finger or spoon. She made the motions as if doing it, after she became unconscious.]

Mrs. Sutton had some brief communications also from other friends and relatives. One from a deceased friend Hattie she thought not in the least like Hattie. And there was much apparently painful effort and confusion and agitation in writing at both sittings from another communicator through whom an attempt was made unsuccessfully to get a certain address ; yet Phinuit correctly specified where the person was born and where he died, though at the time Mrs. Sutton believed both to be wrong.

What seems to me to be suggested by the references to these children in the records is that, on their first coming to communicate, the recollection of the troubles from which they suffered when living came to the front in their consciousness, but their definite remembrances were few in number. The half-a-dozen words that Ruthie was represented as saying were all that the living Ruthie had been able to say, and similarly there were only a few characteristic actions, and these were naturally associated with the persons with whom the living Ruthie had associated them. Since there were only a few persons with whom Ruthie had any definite associations at all, and since these definite associations themselves were few in number, it would make no practical difference how much confused she might be. These associations were easily recognised as hers. In such cases also the wrench of death may be less violent than in more mature persons, and the change from one set of conditions to the other may be less disturbing. Similarly in the case of Mrs. Sutton's child. But here the definite associations were much more numerous, and, as I have pointed out, Mrs. Sutton apparently did not understand two of the allusions made at the first sitting. But add another thirty or forty years of life, with the myriads of associations involved, and with the mind inured to the habits of a particular fleshly organism, and then after a change to another completely new set of conditions, draw the personality back once more into the bonds of another and different body, where it has little or no control over the mass of its mental associations, and the result might be expected to be very different from that of the "simple child that lightly draws its breath."

On the other hand it may be urged that such cases are equally explicable on the hypothesis of thought-transference from the sitters. We can of course *suppose* that parents whose little children have recently died are good telepathic agents for the group of associations connected

with those children. But we can see no reason why they should be better telepathic agents, that is, to Mrs. Piper's personality, than, say, a wife who has just lost her husband. I have known cases of this type where strong grief and vivid remembrance have served apparently to bring the desired "communicator," but not to make him clear.

Let us finally contrast another kind of failure with what seems to be a very simple kind of success. I refer to the naming of sitters. G. P. had the opportunity, by his frequent "return," of becoming expert in communicating, and was unusually clear, to begin with, in his management of the writing mechanism. The ordinary communicator has much difficulty in giving names apparently; he is like a man half asleep, who only half knows what you want, and through whose consciousness may drift a mass of irrelevant names which tend to be written, but which, if he were in full waking consciousness living, would be *inhibited*. In very good sittings of the old type, the sitter's surname was rarely given. What is it, then, that in the G. P. communications happened to give the surnames¹ of the particular group of persons known to G. P.? What is it that selected the thirty persons recognised as G. P.'s friends and knew their appropriate relations with G. P. living? Why should the supposed Mrs. Piper's telepathic power succeed so strangely with these G. P. recognitions, and be so failing and uncertain in the case of so many persons who happened to be unknown to G. P. living? What was it that picked out the odd associations of Marte and the club with Mr. Smith (p. 327), and yet, with all this supposed telepathic capacity failed to recognise Miss Warner, who had changed so much that G. P. living would probably not have recognised her, but who knew well herself, as I did also, that she had met G. P. in years gone by? I think that there is here a strong indication pointing to the actual G. P. It suggests the existence of something which has the perceptions and memories of G. P., but not a general telepathic capacity outside this. Otherwise we must make some such extraordinary supposition as that all G. P.'s friends were good telepathic agents with Mrs. Piper as percipient, and,—when we take the detailed records into consideration,—that they showed this united telepathic capacity only as regards their relations with G. P.

Now, as I stated in § 5 of this Report (p. 367), I do not think that we have by any means enough material on hand to form a positive

¹ G. P. gave the surnames in all cases where I have not specified otherwise, or where it was obviously not required, as in the case of his father and mother, and the children of the Howards, whom he called by their first names only. (See pp. 323-328.) In nearly all the other cases he gave the first names also, in all where the first names were familiar to G. P. living. In addition to this, various other Christian names and surnames were given of intimate friends and relatives of G. P. living.

judgment, though I regard such cases as those which I have mentioned in illustration as very strongly suggestive of variations in the individual communicators themselves. I am not attempting to *prove* this here, but only to show that there are facts which apparently point in that direction, and to indicate lines of inquiry for future work and for new investigators, who may eventually obtain enough material to make a positive conclusion possible. And I must warn the reader yet further that by positive conclusion I do not mean absolute demonstration to the exclusion of any other hypothesis. There will still be a question of presumption and probability which will appeal to different minds differently, as do for example the general conclusions—with which I myself agree—put forward in the Report of the “Census of Hallucinations” (*Proceedings*, Vol. X.), concerning the existence of a causal relation between certain hallucinations and dying persons. To give the full force of the probability as it has affected my own mind would make the present Report much too long, even were all the available material at my disposal, as it is not. In a future Report, with the accumulation of fresh material, I hope to undertake this task. It will involve a detailed consideration of the general psychology of memory and a detailed consideration of the mental automatisms manifested in dream and reverie and delirium and insanity and hypnotic trance, and more or less allied states, where the manifestations of the personality concerned are different in various ways and in various degrees from those of his normal waking consciousness. After acquiring a familiarity with the tendencies exhibited in such manifestations, we should then have to consider in detail the specific mental automatisms displayed by groups of alleged communicators through the trance, obtaining, for our comparison with these, as complete a knowledge as possible of the alleged communicators when living. One man’s madness is not the same as another’s. And a similar detailed consideration needs to be given to the other classes of cases to which I have referred. Should any other persons like Mrs. Piper come before us for our investigation, it seems to me desirable, if possible, that the experimenting should be confined to a few investigators, who should endeavour to make an absolutely complete record from the beginning. As regards the evidence in such cases, I am convinced that it has been dealt with altogether too much “in the rough.” It is the detail that counts, since it is from the detail that we get the most important light concerning the actual processes involved.

With this *caveat*, then, I indicate the results to which my own observations seem to tend.

The persistent failures of many communicators under varying conditions; the first failures of other communicators who soon develop

into clearness in communicating, and whose first attempts apparently can be made much clearer by the assistance of persons professing to be experienced communicators; the special bewilderment, soon to disappear, of communicators shortly after death and apparently in consequence of it; the character of the specific mental automatisms manifest in the communications; the clearness of remembrance in little children recently deceased as contrasted with the forgetfulness of childish things shown by communicators who died when children many years before,—all present a definite relation to the personalities alleged to be communicating, and are exactly what we should expect if they are actually communicating under the conditions of Mrs. Piper's trance manifestations. The results fit the claim.

On the other hand these are not the results which we should expect on the hypothesis of telepathy from the living. That persons who must be assumed on this hypothesis to be good agents otherwise, should fail continuously and repeatedly with certain persons as "communicators"; that first communicators of a clearer type should show, especially when themselves professedly directly communicating, the peculiar strangeness which they do even to experienced agents who are familiar with the *modus operandi* of the communication; that there should be a special temporary bewilderment shown in cases immediately after death and that this should be followed in a few days by a comparatively complete clearness in various cases where there is no assignable change in the agent (unless it were a *diminution* of his telepathic power); that there should be specific mental automatisms which suggest, not the mind of the supposed agent, or the mind of the supposed percipient, but the mind of the "deceased" person; that memories of little children recently deceased should have a special telepathic agency,—such results we have no reason to expect from what we know or have reason to surmise concerning telepathic action between one incarnate living person and another.

Further there are certain kinds of successes with particular communicators connected with their knowledge and recognition of friends, shown most notably in the case of G. P., but exhibited to some extent by others also (*e.g.*, Madame Elisa and Louis R.) which suggest the recollections and continued interest in personal friends living which we should naturally expect from the alleged communicators themselves, but for which there seems to be no adequate cause in Mrs. Piper's percipient personality.

In general, then, we may say that there are on the one hand various *limitations* in the information shown through Mrs. Piper's trance, which are *primâ facie* explicable on the assumption that it comes from the alleged communicators, and for which we can find no corresponding limitations in the minds of living persons; and on the

other hand, that there are various selections of information given in connection with particular communicators, which are intelligible if regarded as made by the alleged communicators themselves, but for which discrimination there is no satisfactory explanation to be found by referring them to Mrs. Piper's personality. With one class of *deceased* persons Mrs. Piper's supposed telepathic percipience fails; with another class it succeeds; and it fails and succeeds apparently in accordance with what we should expect from the minds of the deceased, and not in accordance with what we should expect from the minds of living persons acting upon Mrs. Piper's percipient personality. The question is whether this particular distribution of successes and failures is due to *mere chance coincidence* in Mrs. Piper's percipient personality, or can be traced to any adequate causes there, or whether it points to the agency of the invisible personalities whom we once knew incarnate. My own conclusion is that it points to the latter, but I do not think that there is evidence enough producible to make this pointing a certainty. But, so far as it goes, it suggests that the "natural grouping" of the facts affiliates them to the personalities of the dead.

Notwithstanding all this it may still be urged that the hypothesis of telepathy from the living may be extended so as to cover even the various types of cases illustrated above. It may be so extended by making further additional arbitrary suppositions, and what this extension leads us to we shall see presently. I first recur briefly to some other series of facts bearing on the question.

Let us go back to what we know of experimental thought-transference. I have supposed, for the sake of allowing as much latitude as possible to the hypothesis of telepathy from the living, that the subliminal consciousness of the sitters and also of distant living persons might be drawn upon by the medium. But this itself is a purely arbitrary supposition, and as Professor Lodge emphasised in his report on Mrs. Piper (*Proceedings*, Vol. VI., p. 453), "it ought to be constantly borne in mind that this kind of thought-transference without consciously active agency has never been experimentally proved." Now, so far as I can judge from my own experience as a sitter, and from the experience of other sitters, without any statistical record,¹ I should say that if we exclude the *bringing of the communicator*, the results, as regards the giving of specific information, would prove conclusively that the information was *not*

¹ I mean by this a record in which the successes and failures are classified in relation to what the sitter was consciously thinking of at the time. It will, however, I think, be plain to any reader of the reports that neither the successes nor the failures in regard to the general information given at sittings show any direct relation to the conscious minds of the sitters.

obtained by a process like that involved in experimental thought-transference, and that for the kind of telepathy, if telepathy it be, involved in these manifestations there is no experimental basis whatever. At the same time, if the information given at the sittings, both in matter and form, was limited by the knowledge possessed by the sitters, we should have no hesitation in supposing that it was derived from their minds, telepathically or otherwise; but enough examples are cited in this report alone to show that the information given is not so limited. We must then make the arbitrary suppositions that Mrs. Piper's percipient personality gets into relation with the minds of distant living persons, (1) who are intimate friends of the sitters at the time of the sitting (*e.g.*, p. 297, Hart's sitting and references to the studs and the Howards, etc.), and (2) who are scarcely known, or not at all known, to the sitter (*e.g.*, MacDonough messages p. 340, and Aleck Bousser message, p. 372). And many of these distant living persons had, so far as they knew, never been near Mrs. Piper. These cases then compel us to assume a selective capacity in Mrs. Piper's percipient personality, and not only selective as to the occurrences themselves, but discriminative as to the related persons; that is to say, attaching the various pieces of knowledge respectively to the fictitious personalities whom, if real and living, the events in question would have concerned. If now we widen this supposed percipient personality of Mrs. Piper, and differentiate its parts so as to cover all the various successes of the communicators described in this report, with the verisimilitudes of the different personalities of the "deceased," and so as to cover also all the types of confusion and failure, and so as to allow for the yet increasing number of new communicators, we reach a conception which goes as far as the "spirit" hypothesis itself.

And I may add here that these arbitrary suppositions may be increased yet further to cover other forms of evidence that may be obtained hereafter, such as the giving of information supposed to be possessed by the dead alone, or the manifestation of knowledge not yet acquired by the human race, so far as we are aware, such as the existence of heavenly bodies previously unknown or the customs of the inhabitants of other planets,—verified, let us assume, in future years. All that we need suppose in such cases would be that the facts known consciously to the dead alone were communicated by them when living telepathically to the subliminal consciousnesses of other persons, that the giver of knowledge concerning the heavenly bodies obtained it clairvoyantly, and so on.

But I have supposed that the personality of Mrs. Piper exhibits numerous individually coherent but different fragments of consciousness, and in my own practical experience I have reached conclusions

as to the *quasi*-independence of the apparent communicators which I cannot expect all my readers to share. I accommodate my supposition, therefore, to conform with the conclusion to which I believe that all persons would come concerning the manifestations through Mrs. Piper's trance, if they could witness a series of sittings and observe the two contemporaneous "controls" of the *hand* and the *voice*. I put aside the cases where both hands have written independently at the same time that the voice was independently speaking, these cases being too few to rely upon as evidence (see p. 294). But there has been an independence between the streams of consciousness using respectively the hand and voice which compels us to suppose that there are at least two distinctly different and individually coherent intelligent consciousnesses of some kind manifesting themselves contemporaneously through Mrs. Piper's organism. I believe, also, that the observer of Mrs. Piper's phenomena in detail would have, further, no doubt but that neither of these consciousnesses is identical with that of the normal waking Mrs. Piper. This *at least dual* consciousness, acting independently of the normal Mrs. Piper, must be taken into full consideration, though we may suppose here that the two streams of it represent only divided parts of Mrs. Piper's personality. These two intelligent fragments, we may suppose, do all the acting; they get impressions telepathically from the minds of the sitters and of distant living persons, they form conceptions of the alleged communicators, they dramatise the results and present them with the completeness that is shown at the sittings. We may even go further in our supposition and contemplate the manifestations as the result of a single consciousness playing all the parts as described. To realise what such a consciousness implies, we must bring before our thought the fulness of knowledge shown continuously through Mrs. Piper's trance by so many alleged communicators, the varying ways in which that consciousness has manifested itself in accordance with the minds of such communicators, the completeness of the personalities represented in many cases, and the confusions and failures of others, all conforming to what we should expect from such communicators, if actually existing as they describe themselves to be, showing a discriminative diversity of telepathic power which exactly suits the respective communicators, manifesting emotional remembrances and desires and intelligence characteristic of the alleged communicators, and urging further towards higher aspiration and noble deed, and constantly affirming their independent existence.

What kind of a consciousness is this that we must suppose, and to whose domain must it be attributed? According to our outlook upon the universe, one hypothesis will appear more plausible than another. In my own case my conclusions have been largely determined, no

doubt, by intimate actual experience of the manifestations and a knowledge in detail of nearly all the personal and private matters that cannot appear in the evidential record. There may be many persons who are willing to take the evidence here presented and give it due weight, and who nevertheless will adopt some such view as that a form of Consciousness manifests itself through Mrs. Piper's entranced organism, in which Consciousness the "pseudo-personalities" of our "deceased" friends appear, and grow, and behave in all discernible ways as their actual personalities might be expected to behave if existing independently and confined, in their communications to us, to the manifestations possible through such a limited organism. Such a form of Consciousness, with all the capacities that must be attributed to it, is very much an "unknown quantity." For myself, I do not object to calling this unknown quantity *a large Consciousness*, but it seems to me simpler to call it *another world* than to call it the *secondary personality of Mrs. Piper*.

But this is not all. And here I must again state my conclusion as a result of practical experience, which will however, I have no doubt, be confirmed by all those who have had much to do with Mrs. Piper's trance or similar manifestations. If the hypothesis of telepathy from the living is acted upon in anything like the ordinary experimental way, the supernormal results will be lessened. If the investigator persistently refuses to regard the communications as coming from the sources claimed, he will not get the best results. If, on the other hand, he acts on the hypothesis that the communicators are "spirits," acting under adverse conditions, and if he treats them as he would a living person in a similar state, he will find an improvement in the communications. I have several times got better results alone from communicators who were strangers to me, than the intimate friends or relatives were able to get, and including information unknown to me. To describe it as it appears, the "spirit" in the attempt to communicate seemed like a living friend wandering in his mind owing to an accident. To clear such a person's mind we should soothe him, not bother him with questions, but let him unburden his mind of whatever his dominant ideas were, remind him of strong associations that were dear to him, express sympathy, etc., etc.; but to ask him one question after another, to put him through a cross-examination and expect him to have all the answers ready at once, would obviously not be conducive to anything but a worse confusion. And having tried the hypothesis of telepathy from the living for several years, and the "spirit" hypothesis also for several years, I have no hesitation in affirming with the most absolute assurance that the "spirit" hypothesis is justified by its fruits, and the other hypothesis is not.

Here I may explain more specifically than I have hitherto done what seems actually to occur during Mrs. Piper's trance. First, I must ask the reader to revert to what I have said on pp. 332-3 concerning the position of the communicator, and on pp. 358-60 concerning the supposititious fragments of Mrs. Piper's personality. And I repeat that I believe that this brief general account of the manifestations of Mrs. Piper's organism holds true in the main, even if we regard the different alleged communicators as parts not of a unique larger consciousness, but of a consciousness limited in most ways like our own, a merely human, though peculiar, secondary personality of Mrs. Piper. I shall use terms as far as possible which are familiar to the readers of our *Proceedings*, even although they may not be strictly accurate in their application; they will probably convey my meaning better than if I adopt a new terminology.

When Mrs. Piper begins to pass into trance, her normal or supraliminal consciousness begins to disappear, and her subliminal consciousness begins to manifest itself. It is as though her supraliminal consciousness was sinking, and her subliminal consciousness was rising. There is one stage where the subliminal consciousness seems to come into view before the supraliminal consciousness has completely disappeared. In this stage she is apparently dreamily conscious of the sitter, and dreamily conscious of "spirits." She seems to be partly conscious, as it were, of two worlds. This stage, as she passes *into* trance, is usually very brief and changing. She sees figures and hears voices before she has completely lost her consciousness of her ordinary physical surroundings; as is indicated by her appearance and her occasional remarks to the sitters, or to the "persons" that she apparently sees or hears. In the next stage the supraliminal consciousness has entirely disappeared, and the subliminal consciousness only is manifest. It is as though her own personality held much the same relation to her organism as Phinuit or other "spirit" controller of the voice. This stage also is very brief as she passes *into* trance, but occasionally it lasts somewhat longer than usual, and she repeats a remark addressed to her by some "spirit," or makes a remark herself to a "spirit." She seems then to possess, not the dreamy consciousness of the previous stage, partly aware of two worlds, and in a dream-like relation to both, but a fuller and clearer consciousness—we may call it her subliminal consciousness—which is in direct relation, however, not so much with our ordinary physical world, as with "another world." In the next stage this consciousness also disappears; it seems to be withdrawn from any direct governance of her body, the upper part of which becomes inert and apparently lifeless. What I believe happens is that Mrs. Piper's normal or supraliminal consciousness becomes in some way dormant, and that her

subliminal consciousness withdraws completely from the control of her body and takes her supraliminal consciousness with it. Whether this is the true explanation or not, the body seems to be no longer under the control of any consciousness. The upper part of her body tends to fall forward, and I support the head upon cushions on a table. About this time, or shortly afterwards, there arises a very slight disturbance in the upper part of the body, which becomes less inert and which appears to have come to some extent under the "control" of some consciousness, and at the same time, or frequently earlier, sometimes before Mrs. Piper's consciousness has completely disappeared, sometimes before even her supraliminal consciousness has disappeared, the right hand and arm manifest a control by what seems to be another consciousness and begin to make movements suggesting writing.¹

The upper part of the body including the left arm is then usually controlled by one personality and the right arm by another. For the several years during which the personality calling itself Phinuit continued to control the voice in the trance, after the development of the "automatic writing," the personalities controlling respectively the *hand* and the *voice* showed apparently a complete independence. Whether "spirits," as they assert, or not, Phinuit and the consciousness controlling the hand appeared to be entirely distinct from each other, and frequently carried on separate and simultaneous independent conversations with different sitters (see pp. 292-3). Since Phinuit's "departure" (see p. 409) the voice has been used on a few rare occasions only, and almost exclusively by communicators who purported to be relatives of the sitters, and who had used the voice before Phinuit's "departure."

To continue with my description, the consciousness controlling the hand holds a conversation with the sitter by writing, but, so far as I have been able to ascertain, it is *not directly conscious of the act of writing*. The writing seems to be an automatic registering which is produced by the nervous mechanism of Mrs. Piper's organism, and of which the consciousness communicating is as little aware as the ordinary person talking into a phonographic mouth-piece is aware of the registration on the revolving cylinder. The sense of hearing for this consciousness *appears* to be in the hand, and the sitter must talk to the hand to be understood. I do not profess to be able to give any satisfactory explanation of some of the processes which I am describing. What the precise relation is between this consciousness

¹ I describe what occurs now, and not what occurred in the earlier trances when Phinuit "controlled"; but so far as the *hand* is concerned, the process is the same as when Phinuit used to manifest.

and the movements of the hand I do not know. I do not know whether or not the motor centres of the brain ordinarily concerned in the movements of hand and arm are in operation or not. I incline to think not, certainly not in the ordinary way. The writing produced is very different from Mrs. Piper's ordinary writing; it shows individual differences, but belonging to the same generic type on the whole, with different alleged communicators, and does not resemble the writing of those persons when living any more than it does Mrs. Piper's.¹ The thoughts that pass through the consciousness controlling the hand tend to be written, and one of the difficulties apparently is to prevent the writing out of thoughts which are not intended for the sitter. Other "indirect communicators" frequently purport to be present, and the "consciousness of the hand" listens to them with the hand as though they were close by, as it listens to the sitters, presenting the palm of the hand, held in slightly different positions for the purpose by different "direct communicators," so as to bring usually the region of the junction between the little finger and the palm towards the mouth of the sitter. The writing at its best is liable to include occasionally remarks not intended to be written, words apparently addressed by an "indirect communicator" to the consciousness of the hand, or by the consciousness of the hand to an "indirect communicator," or by "indirect communicators" to one another; or, in worse cases, where the power of inhibition seems to have been almost entirely wanting, the wandering thoughts of the "direct communicator" were apparently produced in writing in incoherent fragments, mixed up with his attempts at replies to questions of the sitter, and bits of conversation, as it were, between him and other "indirect communicators." But there never seemed to be any confusion between the personality using the hand, whether this was "clear" or not, and the personality using the voice.

The behaviour of the hand during a sitting, not merely in relation to the sitters, but in relation to the one or more "indirect communicators," for whom some "direct communicator" professes to act as amanuensis, is not easily described in words. It behaves at times as though the "direct communicator" was holding a conversation with the "indirect communicators" (when sometimes the writing mechanism goes on producing writing movements while the hand is held in the air), listening to them as described above; at other times as though one consciousness withdrew from the hand to make room for

¹ Miss R. (p. 292), whose friend was apparently the first to write at all, using the hand while "controlling" the body generally, and also using the hand while Phinuit was controlling the voice, has shown me some of this early writing and some writing of her friend when living. Some peculiarities were common to both, but not enough to found an argument upon as to the identity of the communicator.

another; at other times as though the sudden arrival of another "indirect communicator" nearly ousted the "direct communicator" from the hand; and it shows various other intelligent relations. The communicators themselves do not profess to know precisely what occurs between the thinking of their thoughts and the production of the writing, or to know even what movements of the hand are being produced.

The statements of the "communicators" as to what occurs on the physical side may be put in brief general terms as follows. We all have bodies composed of "luminiferous ether" enclosed in our flesh and blood bodies. The relation of Mrs. Piper's etherial body to the etherial world, in which the "communicators" claim to dwell, is such that a special store of peculiar energy is accumulated in connection with her organism, and this appears to them as "a light." Mrs Piper's etherial body is removed by them, and her ordinary body appears as a shell filled with this "light." Several "communicators" may be in contact with this light at the same time. There are two chief "masses" of it in her case, one in connection with the head, the other in connection with the right arm and hand. Latterly, that in connection with the hand has been "brighter" than that in connection with the head. If the "communicator" gets into contact with the "light" and thinks his thoughts, they tend to be reproduced by movements in Mrs. Piper's organism. Very few can produce vocal effects, even when in contact with the "light" of the head, but practically all can produce writing movements when in contact with the "light" of the hand. Upon the amount and brightness of this "light," *ceteris paribus*, the communications depend. When Mrs. Piper is in ill-health, the "light" is feebler, and the communications tend to be less coherent. It also gets used up during a sitting, and when it gets dim there is a tendency to incoherence even in otherwise clear communicators. In all cases, coming into contact with this "light" tends to produce bewilderment, and if the contact is continued too long, or the "light" becomes very dim, the consciousness of the communicator tends to lapse completely.

Returning to my own description of what occurs, independently of such statements, there are usually marked indications, towards the end of a sitting, of increasing weakness on the part of the controlling consciousness, and it ceases to manifest, withdrawing apparently from any governance of Mrs. Piper's organism and leaving it in what appears to be much the same state as immediately after what seemed to be the complete disappearance of Mrs. Piper's consciousness when she was passing into trance. Once more the body appears inert and lifeless for a short time, and then Mrs. Piper's consciousness appears in the reverse order of its disappearance. But in passing *out of* trance,

the stages are usually of longer duration than when she enters it. She frequently repeats statements apparently made to her by the "communicators" while she is in the purely "subliminal" stage, as though she was a "spirit" controlling her body but not in full possession of it, and, after her supraliminal consciousness has begun to surge up into view, she frequently has visions apparently of the distant or departing "communicators."

There are many questions that will occur to the reader of this short outline of what seems to take place, questions for most of which, probably, I have at present no answer. But it is important that he should remember constantly, in considering the value of the resulting manifestations, what the difficulties are under which the communicators labor, if they are what they claim to be. Where the "direct communicator" is one who acts as intermediary owing to his greater experience with the machine of Mrs. Piper's organism, some of the sources of confusion can be avoided,—or rather lessened in degree, since we still have to allow for the sources of confusion in the intermediary himself,—but we must add the difficulty that the "indirect communicator" has in conveying the thoughts that he wishes to convey to the intermediary; and this is superposed upon the bewilderment produced in the "indirect communicator" by his relation to the "light." Then floods of excited emotion at the presence of incarnate friends, dominant ideas that disturbed him when he was incarnate himself, the desire to render advice and assistance to other living friends and relatives, etc., etc., all crowd upon his mind; the sitter begins to ask questions about matters having no relation to what he is thinking about, he gets more and more bewildered, more and more *comatose*, loses his "grasp" of the "light," and drifts away, perhaps to return several times and go through a similar experience.

I remind the reader again that I am here giving the conclusions to which I have myself been led, and I wish to emphasise strongly certain points as to the condition of the "communicators," if they are, as I believe, the persons they claim to be. I shall endeavour to illustrate their position from a somewhat different point of view, and as briefly as possible.

The physical world that I know is presented to me within my consciousness. I suppose that if I could have regarded that world during past ages I should have seen, displayed therein, a gradually increasing complexity of manifestations of such a kind that I should eventually have been forced to the conclusion that consciousnesses like my own, as regards their manifestations on this planet, have gradually been developed during a very long period, in connection with the development of specific fleshy organisms. Analogous evolutions, but

vastly shortened in time, occur now in connection with the growth of individual human organisms. In these two main ways human consciousness has come to manifest itself in my physical world in connection with human organisms. I do not know directly the consciousnesses connected with these human organisms; I know them indirectly through the manifestations of the organisms, and it is through such manifestations alone, directly or indirectly, that I know them. Putting aside for the present any consideration of whether such human consciousness as I believe thus to manifest itself can manifest itself directly in connection with movements of inorganic matter,—as alleged in relation to certain “so-called physical phenomena of spiritualism,”—I may say that human consciousness, if it manifests itself in my physical world, does so primarily and with an almost, if not quite, exclusive universality, by changes in a human organism. And with changes of a particular organism I come to associate in my own mind changes which I think of symbolically, as being in a particular consciousness not my own. I observe also that these other consciousnesses, as I suppose, vary and cease and renew their manifestations in special ways, as I infer from the behaviour of the organisms. There are cases of accident, fever, insanity, epilepsy, double personality, sleep, trance, anæsthetisation, etc. The manifestations of consciousness under such varying circumstances present at times very great variations from the normal. I believe that, for all these organisms eventually, there comes a time when consciousness ceases entirely to manifest itself by changes therein. When this occurs I usually call the change in the organism death.¹ If the consciousnesses that manifested through such organisms are still persisting, I should suppose that the easiest way for them to manifest again in my physical world would be by some such way as they had previously manifested, by means of a human organism. The difficulty would be to obtain an organism. I cannot produce changes in other organisms directly as I can in my own; neither can I, under ordinary circumstances, produce, directly, changes in the consciousnesses which I suppose to be connected with those organisms. Occasionally however such effect seems to be produced, as shown in the evidence for telepathy, where one human consciousness affects another without using any assignable manifestations of organisms. I may suppose then that if the consciousnesses which have ceased to manifest in what I may call “their own”

¹ I purposely leave open such questions as: whether such consciousnesses existed in any individualised form or not prior to their manifestations to me through organisms; or whether the consciousnesses which have temporarily ceased to manifest, but later again manifest, through their own organisms, are or are not, during the cessation of such manifestations, in a state similar to that of those whose organisms have *died*.

organisms, are still existing, they may be able to affect, in some cases at least, and to some extent, those which still continue to manifest themselves through organisms. I should also suppose that, owing to the fact that the same general fundamental structure, the result of a long process of evolution, is common to human organisms, if any such consciousness could be brought into a similar relation with an organism not its own that it once had with its own, it would be able to manifest itself to some extent. But its manifestations would be affected according to differences between that organism and its own, and could in no case be precisely identical with those which it showed with its own. If I suppose such an event to occur, I must seek for analogies, when considering what results to expect, in what occurs when the consciousness of a person I call living fails to manifest in the ordinary way owing to some incompleteness of control over its organism. Such incompleteness is shown in relation to states like those which I have indicated above. There may be an inability to control different parts of the organism, the organism itself may be injured, or its working may be temporarily disordered in a variety of ways. I find further that there may be states of some particular organism, when not only are the manifestations to me of the consciousness connected therewith limited and disordered in an extraordinary manner, but my manifestations to that other consciousness are also limited in an extraordinary manner, and owing to certain deficiencies which have some direct relation to the state of the organism which I perceive. For example, that other consciousness may neither "see" my organism as it usually does, nor "hear" its voice; it may both "see" and "hear" and yet not recognise; it may see and hear and recognise, but yet be temporarily unable to recall its memories; it may even be unable to tell its name; it may be entirely incapable of following and understanding the simplest questions. If I observe the returning manifestations of consciousness in an organism which has ceased for some time to manifest any consciousness, as after etherisation or profound sleep, and which is otherwise not disordered in its brain, I observe many differences with different organisms. In some cases the consciousness very soon manifests itself in its ordinary fulness. In other cases the process of complete manifestation is very slow; and in spite of all my efforts to obtain some recognition of myself or some replies to my questions, the manifestations continue for some time to be incoherent. I may succeed in obtaining a partial recognition, in stimulating the production of manifestations which indicate glimpses of clear consciousness, but there is often a tendency to relapse into incoherence and irrelevancy of manifestation which indicate an almost complete want of control on the part of what I call that other consciousness. I find that this incoherency tends to persist until what I

call the waking stage begins. This in ordinary cases is apt to be first accompanied by the manifestation of memories vivid in that consciousness just before it ceased to manifest through its organism, often mingled apparently with other ideas which it seems to have had just before renewing its manifestations. Slowly it seems to gain control over its recollections, to be able to disentangle this from that, to realise the surroundings of its organism, to understand the questions to which it has been responding by various kinds of irrelevant manifestations, and to become finally "normal" and "awake." The relation of the consciousness to its organism in the preceding stage has been such that there has been apparently a confusion of comprehension *of me*, and not merely a confusion of manifestation *to me*. I need not extend these considerations into greater detail. In a consciousness beginning to manifest through its own organism after a period of cessation from manifestation I should expect certain deficiencies. If for a long time prior to the cessation of its manifestations it had shown continual symptoms of disorder, I should expect similar symptoms to appear on the first recurrence of its manifestations. In all cases I should expect at first a confusion in understanding *me*, as well as a confusion in manifesting *to me*. If the cessation from manifestation has been very complete and has lasted a very long time, I should expect a greater bewilderment, for a short time at least, when it began again to manifest. These deficiencies and bewilderments I should expect to be much more marked if such a consciousness, instead of trying to manifest itself once more through its own organism with which it had practised for years, were restricted for its manifestations to *another* organism. In such an event I should expect the manifestations to partake in the first instance of the same lack of inhibitory control, the same inability to appreciate my injunctions and questions, the same dreamy irrelevancy that characterises all the manifestations, in my physical world, of a consciousness that has temporarily ceased to manifest therein and begins once more to reveal itself in what I call the waking state,—varying in individual cases as I find they do in ordinary life,—whether it be after ordinary sleep, or prolonged coma, or anæsthetisation, etc.—but with a tendency for the incoherency of the manifestations to be much more pronounced inasmuch as the consciousness is trying to regain its wakefulness towards me by an unwonted way. Whether such a consciousness could ever regain its complete former fulness in my world through another organism seems highly improbable. What I should expect to find is that through another organism it could *only partially wake*. Hence I must suppose that even the best of direct "communicators" through Mrs. Piper's trance is *partly asleep*. This is the first point I wish to emphasise.

The second point is one that I have already mentioned more than once, but it needs iterating and reiterating to bring it home to the reader. I have not had enough experience with different "communicators" using the voice under circumstances permitting of adequate investigation, to come to any such positive conclusion as to the closeness of relation between the thoughts passing through the "communicator's" mind and the words uttered,—as I have been able to reach in the case of the "communicators" producing writing. After having endeavoured as best I could to follow the writing of thousands of pages, with scores of different writers, after having put many inquiries to the communicators themselves, and after having analysed numerous spontaneously occurring incidents of all kinds, I have no sort of doubt whatever but that the consciousness producing the writing—whatever that consciousness be, whether Mrs. Piper's secondary personality or the real communicator as alleged,—is *not conscious of writing*, and that the thoughts that pass through "his" mind tend to be reproduced in writing by some part of the writing mechanism of Mrs. Piper's organism. This writing mechanism is far from perfect, and it frequently produces words that cannot be read. This entails a repetition of the word and checks the thought of the communicator, already reduced to the necessity of thinking his words at the slow rate of writing, and of excluding other thoughts that he does not wish written, in a state when he has already been steeped into a state of partial sleep by coming into relation with an organism not his own, for the purpose of manifesting in my physical world.

But I must draw this part of my Report to a close. I am far from thinking that there are no difficulties yet remaining to be solved, though many of what were once difficulties to myself in the way of believing that these phenomena were the result of the agency of "deceased" persons have been removed by the fuller evidence presented by G. P. and other communicators acting directly, taken in connection with the failures of yet other classes of communicators, and all together regarded in the light of the considerations which I have tried to make clear to the reader concerning the restricting but necessary conditions of communication. What my future beliefs may be, I do not know. Röntgen suggested that certain special effects produced in his famous experiments were due to rays whose vibrations were longitudinal to the path of propagation, but later experiments have tended to show that they are due to vibrations of the same general character as those with which we were familiar, but of a higher order of frequency. And it may be that further experiment in the lines of investigation before us may lead me to change my view; but at the present time I cannot profess to have any doubt

but that the chief "communicators," to whom I have referred in the foregoing pages, are veritably the personalities that they claim to be, that they have survived the change we call death, and that they have directly communicated with us whom we call living, through Mrs. Piper's entranced organism. There are doubtless many incidents that may seem inexplicable in accordance with the hypothesis which my experience has compelled me to adopt. I also hold the general doctrine of Evolution, but unless my memory deceives me, there are many biological incidents which have not yet been fully explained on that theory. What I have said, so far, taken in connection with the further detailed evidence given in the Appendices, represents the substantial part of my Report. In Part II. I shall deal with various objections that may be raised to the views which I have here expressed, and shall refer also to some statements—giving illustrations—made by the "communicators" concerning the writings and their production. I shall also add some accounts of other incidents which occurred chiefly during the period 1896-7, and which go to strengthen the general evidence which I have offered in this Part of my Report, and if there are any notable inadequacies or failures which have come under my own attention, and which are not adduced by those who differ with my conclusions, I shall endeavour also to give due consideration to these. By the superficial observer, especially if he has not revised his conceptions of what he should expect from the "returning dead," and does not keep constantly before his mind the conditions involved in their returning through Mrs. Piper's entranced organism,—the fragmentary and obscure utterances of which he will find so many examples in the records, might not unnaturally be regarded, in the incipient stages of a "spirit's" effort to communicate, as the incoherent output of a disordered and disrupting intelligence; but a closer analysis reveals that in many of these the want of coherence lies not primarily in the source of the information, but in the new untried methods of its distribution. Behind them is manifest, and grows more and more manifest, the suggestion of some larger knowledge, the presence of some persistent personality that knew and knows us well. And my main hope, as I offer this Report to our members, is that it may be serviceable to other investigators,—whether they agree with my views or not,—as regards the understanding of the conditions under which these alleged communications come.

I shall now, before concluding, give a brief account of the recent changes in Mrs. Piper's trance, and offer some practical considerations which seem to me to be directly suggested by the position which I have taken in this section of my Report.

§ 7. RECENT CHANGES IN MRS. PIPER'S TRANCE.

If the conclusions to which I have been led concerning the real existence of the personalities professing to manifest through Mrs. Piper's trance are justified, certain very obvious inferences may be drawn, some of which I shall now indicate. If "communicators" vary in their ability to use Mrs. Piper's nervous mechanism as a means of communication, it seems desirable that only those who can use it best should be allowed to use it at all. Again, those communicators who were disordered in their minds when living, should be debarred from the use of the mechanism until, at least, their disorder has disappeared. If my consciousness were temporarily withdrawn from my organism, and my organism could be used in the meantime by another consciousness, I should object to its being used by any consciousness less moral and intelligent than my own. Also, if my conclusions hold that greater familiarity on the part of the manifesting intelligence with the use of the mechanism conduces to clearer communications, we are likely to obtain the most satisfactory explanations of the rationale of the phenomena so far as they appear to such communicating intelligence, by encouraging the continued use of the mechanism by the same operator until he can express himself as fully and freely as the development of the mechanism appears to allow. If, further, the personalities concerned are actually "spirits," it is desirable to obtain as operators such individuals as know most about the use of such "mediumistic mechanisms," and about the relations between the "other world" and ours. The same considerations, of course, apply to any other case similar to Mrs. Piper's, and especially in the early stages of its development. If we have a delicate protoplasmic machine that may conceivably be used as a means of communication from "another world" to this, that is only beginning to be used as a machine, that is probably much more complex and much more delicate than any material machine of man's invention, that may not improbably be a machine in the incipient stages only of its evolution, and the evolution of which may be marred in all kinds of ways by injudicious handling—then I say that we should make the most strenuous efforts possible to put that machine into the most experienced hands—not for the purpose of forcing it into the production of immediate results, but for the purpose of developing it in the first place into the most perfect form of which it is susceptible. Certain lenses are ground for years before they are used in telescopes. The musician practises for a goodly portion of a lifetime before he is a skilled performer. "Do you think that I am easier to be played on than a pipe?"

Such considerations as these have been forced upon me especially by the advent of the communicating personalities professing to be those whom W. Stainton Moses when living alleged to be the communicators through his organism. In the summer of 1895, when a friend of mine was having a series of sittings with Mrs. Piper, and asking questions of G. P., certain statements were made by G. P. denying the so-called "obsession by evil spirits." My friend referred to the alleged "Spirit Teachings" published by W. S. Moses, and the result of the conversation was that later on W. S. Moses purported to communicate at my friend's request through Mrs. Piper's trance¹. He was confused and incoherent,—and G. P. offered a warning to that effect. He gave entirely wrong names in reply to questions concerning the real identity of the Emperor, Doctor and Rector mentioned in his "Spirit Teachings," and failed later in attempting to answer test-questions propounded by some of his friends. Later still, however, he did furnish some private information unknown to the sitters, and afterwards verified in England, and well adapted so far as it went as an indication of identity.

I shall not enter into detail concerning the professed appearances of W. S. Moses at later sittings. Mrs. Piper gave few sittings in the winter of 1895, and early in 1896 underwent a second operation, as I have already mentioned, resuming her sittings in October of that year. I pointed out to G. P. the importance of making W. S. Moses "clear," and getting the answers to my test questions. The final result was that W. S. Moses professed to get the assistance of his former "controls," who after communicating on various occasions directly in November and December, 1896, and January, 1897, demanded that the control of Mrs. Piper's "light" should be placed in their hands. In other words, "Emperor" claimed that the indiscriminate experimenting with Mrs. Piper's organism should stop, that it was a "battered and worn" machine, and needed much repairing; that "he" with his "assistants," "Doctor," "Rector," &c., would repair it as far as possible, and that in the meantime other persons must be kept away. I then for the first time explained to the normal Mrs. Piper about W. S. Moses and his alleged relation to "Emperor," and she was willing to follow my advice and try this new experiment,—to which, I may say, I was repeatedly and emphatically urged by the communicating G. P. I explained at the following sitting to "Emperor" that the medium and myself agreed to the change. Much of what followed later was personal and non-evidential. It was stated that there were many

¹ A more detailed account of this incident given by my friend himself, will be published in Part II. of my Report.

difficulties in the way of clear communication, due chiefly to the fact that so many inferior and perturbed communicators had been using the machine. Phinuit's last appearance was on January 26th, 1897. Later on, other alleged "communicators" were specified as persons who would not injure the "light," in addition to what I might call W. S. Moses's group, and various persons who have had sittings in previous years with Mrs. Piper had opportunities of being present, and some new sitters also. Those who had sittings in previous years and who have been present since the change which I have described, were all struck by the improvement in the clearness and coherence of the communications from their "deceased" friends. Most remarkable has been the change in Mrs. Piper herself, in her general feeling of well-being, and in her manner of passing into trance. Instead of the somewhat violent contortions which she was apt to show in earlier years when Phinuit "controlled," she passes into trance calmly, easily, gently, and whereas there used to be frequently indications of dislike and shrinking when she was losing consciousness, the reverse is now the case; she seems rather to rejoice at her "departure," and to be in the first instance depressed and disappointed when, after the trance is over, she "comes to herself" once more in this "dark world" of ours, and realises her physical surroundings. Various attempts by these new "controls" to describe contemporaneous incidents occurring elsewhere in this world have been notable failures. On the other hand there have been a few cases under this *régime* where opportunity has been given for tests purporting to come from recently "deceased" persons. And in these cases, so far as I can judge, and so far as the incidents go, the results as a whole have been much clearer and more coherent than they were in similar cases formerly. "Imperator" occasionally purported to produce the writing, not, however, as amanuensis for any other person, and seemed to be free, in a way that no other communicator was free, from "writing" the disturbing thoughts of other communicators. The chief amanuensis now purports to be "Rector." G. P. would occasionally write a little, making some personal inquiries, etc. It has been stated repeatedly that the "channel is not yet clear," that the machine is still in process of repair; and it has been prophesied that I shall myself return eventually to America and spend several years further in the investigation of Mrs. Piper's trance, and that more remarkable evidence of identity will be given than any heretofore obtained. I hope that this prophecy may be realised and that I may be able to present such additional evidence in some future Report.

In my own view, whether this particular experiment succeeds or not, it is obviously the right kind of experiment.

We do not regard it as useless employment to seek for the best conditions possible in, say, ordinary thought-transference experiments. If the percipient fails when sitting in an uncomfortable position, or in a foul atmosphere, or when disturbed by frequent noises, or by the constant interruption of his thoughts by the remarks of persons present, or by continual change of the class of object selected for experiment, or after much exhaustion, we should scarcely think it wise to insist on one or other of these conditions, nor should we infer that the failing percipient was a person telepathically insensitive. By removing these interfering conditions as far as possible, we may succeed in getting remarkable results. The case is sufficiently analogous to that of the supposed communicator through Mrs. Piper's trance. As a conclusion from prolonged and varied experience I have, as I believe, ascertained that the confusions and incoherencies of the supposed communicator, while partly due to its own peculiar state or make-up, are partly due to various other causes which are, more or less, removable,—and where not altogether removable, the incoherent results of them, when the causes are understood, become more intelligible. This is rather fact than theory, and is true whatever theory we adopt about the communicator,—whether we regard it as a manifestation of Mrs. Piper's personality, or of some other intelligence. Among these other causes of confusion is the physical weakness of Mrs. Piper's organism during the trance, whether this prevails throughout the sitting owing to Mrs. Piper's ill-health, or whether it becomes manifest only in the latter part of the trance, owing to the growing exhaustion consequent upon her loss of energy during the trance. I speak of "weakness" and "loss of energy." What it is that gets used up during the trance I do not definitely know, but that there is something that does get used up, that represents directly or indirectly some peculiar form of energy, that when this is abundant the communications are clearer, and that when, *cæteris paribus*, it approaches exhaustion, the communications become obscure and even absolutely incoherent,¹ I have no doubt.

Another cause of perturbation in the directly communicating intelligence is the presence of other intelligences—other than those of which the sitters are directly and consciously aware as users of the hand or voice. (These other intelligences, of course, purport to be "spirits," but I believe, and once more repeat, to avoid misunderstandings, that my conclusions as to conditions hold good whatever these intelligences are.) They frequently—whether in a way unknown to us, and which may be telepathic, or by processes in the medium's mentation

¹ In other words, the consciousness manifesting itself is, from the point of view of its manifestations to me, lapsing into *complete sleep*.

like those of the association of ideas—inject their more or less irrelevant thoughts or words into the writing or speech of the directly communicating intelligence. This in actual practice, whatever the real explanation may be, can be largely prevented by a strong appeal to those other intelligences to keep away and to keep others away, and to allow the then and there communicator to express what he has to say without interruption. Phinuit, for example, claims to have done much work, while the hand has been used for writing, in keeping back, so to speak, various other would-be communicators. Interruptions, nevertheless, were frequent enough until the advent of the group connected with “W. Stainton Moses,” and the establishment of their supervision. Whatever else has been done, it seems to me that one result of this change has been to make the way clearer, and free from interruptions and from the admixture of apparently foreign elements that prevailed so largely in earlier sittings. The new “controls” claim to have both the desire and the power to exclude “inferior” intelligences, whom they speak of as “earth-bound spirits,” from the use of the “light,” and as a matter of fact, the perturbations referred to have practically disappeared. That the exclusion of influences that are continually changing,—and that may be otherwise not conducive to the clearest results—is a desirable thing, is also perhaps indicated by the methods which we have found most successful in forms of ordinary telepathic experiment.

We there take into consideration the attitude of mind of agent and percipient; we give the percipient a chance to receive impressions of one object before we hurry him along to another; we have regard to what may be the extremely sensitive state of his “telepathic faculty,” whatever that may be, and whether it resides in his subliminal consciousness or not.

Similarly, if we find a particularly good agent and a particularly good percipient, we should think it wise to give them the best opportunity possible, in long series of experiments, to get better results, and, by varying the conditions, to ascertain if possible what are the limits of, and what the causes most conducive to, clear telepathic communication.

And so I think that in Mrs. Piper’s and similar cases, the introduction of persons more or less indiscriminately may not be a condition for general success, but a condition for perpetual blundering. We can all use telephones *now*; but when Reis and Bell and Blake and others were making experiments on lines that eventually led to satisfactory instruments, they would hardly have thought it worth while to let the general public spend their time in listening to more or less inarticulate noises through their incipient receiving apparatus.

Now, if Mrs. Piper's organism represents one end of a line the other end of which is in the so-called "spirit world," or if there is a recognisable possibility of this, it seems to me eminently desirable that we should try to find out what will improve the line and the transmitting and receiving apparatus, and if possible obtain knowledge concerning the methods to be used in making and improving other similar machines.

APPENDIX I.

Extracts and Abridgments from Stenographic Reports of Thirteen Sittings, November 22nd, 1892—January 30th, 1893.

These sittings were held at the house of Mr. Howard, for the purpose chiefly of obtaining further information concerning George Pelham. (See pp. 315–322.)

First. November 22nd, 1892.

Present : Mr. and Mrs. Howard, R. H. and Reporter.

After a short conversation with Phinuit, G. P. wrote :

“Haloo, Hodgson, you know me. Haloo, Jim, old fellow, I am not dead yet. I still live to see you. Do you remember how we used to ask each other for books of certain kinds, about certain books, where they were, and you always knew just where to find them.” [This was characteristic. The sitting was held in my library, where George and myself had frequently talked together and had frequent occasion to turn up references in one book or another. George, living, had remarked several times on my accurate knowledge of location of the books in my shelves.—J.¹] “Haloo, I know now where I am. Jim, you dear old soul, how are you? Who is this, Louis. He wants you to tell you for him . . . he wants to see Billie.”

Phinuit : Ha ! he wants to know something.

R. H. : Who is Louis ?

Phinuit : He is . . . who is that gentleman, that German fellow talking to you, George, can't you tell them ?

R. H. : He wants to see Billie, does he ?

Phinuit : Who is he talking about ? I am all jumbled up . . .

G. P. [written] “Hodgson, it is I. Go out and tell him to come.”

This incident is an illustration of numerous more or less similar cases that have occurred, and that throw some light, as I think, upon many instances that have been regarded as guesses or fishings on the part of Phinuit. Neither Mr. nor Mrs. Howard, when the name Louis was written, thought of Louis R——, who was German on his father's side, was an intimate friend of theirs, and had often sat in Mr. Howard's library, and indeed in the very chair occupied by Mrs. Piper. The remarks, “He wants to see Billie”—“Go out and tell him to come,” evidently referred to William L. Parker, at whose sittings on March 10th and 25th, 1892, Louis R—— purported to be communicating. Mr. Parker's house is but a stone's throw distant from Mr. Howard's.

G. P. stopped writing, and soon afterwards Phinuit insisted upon writing, and wrote “Foxcroft” in mirror writing. This was not

¹J. Mr. Howard. K. Mrs. Howard.

deciphered at the time, and Phinuit then wrote it in capitals, and also in ordinary writing. I knew nothing of this name, and explained to Phinuit at some length that we wished to talk to him and George, and that unless something extremely important was involved in the way of a test, he must keep all other persons away. I learned afterwards, that Foxcroft C——, deceased, was a fellow artist and friend of Louis R——, that he was known somewhat to the Howards, had also, when living, sat in Mr. Howard's library, and in the chair occupied by Mrs. Piper.

. . . Later, G. P. took direct control of the voice . . . "What can I do for you to prove it all? I am anxious, I am impatient. . . . I want to ask Jim about the letter that Orenberg wrote him in regard to my passing out. It was all right, Jim, don't you fear." [It was Orenberg who first informed me of G.'s death, by telegram, followed by letter. The remark made with reference to the letter seemed to show a specific knowledge of its contents.—J.] "Father is writing this minute." Q. "What is he writing?" "Simply a letter." [Since ascertained from Mr. P. that, as far as he can remember, he was not writing any letter at or near the time in question.]

G. P. : Get me my hair. [Package brought from another room.] Mother gave it to you. She had it a long time. [Mrs. Howard had forgotten to bring this into the room, was not thinking of it, and had received it from Mrs. Pelham since the last sitting in the previous spring. Mrs. Pelham had possessed the hair for a long time, as it was some of George's baby hair.—R. H.].

Second. November 28th, 1892.

Present : Mr. and Mrs. Howard, and (part of the time) their eldest daughter Katharine, R. H. and Reporter.

Phinuit : He [G. P.] has been to see his father, and he has seen, he has taken a book and carried it to have it printed. [His father had collected his poems and had them printed in a small volume, which appeared just before the first sitting of this series].

During the early part of the sitting, Katharine entered the room and sat down in a remote corner. Almost immediately Phinuit said "he wants to see who is Katrine?" Katharine comes over, and G. P. takes control of the voice, and personal greetings follow. . . . Recognition of dress, also of shawl, which was asked for, and which was placed over Mrs. Piper's shoulders.

"What is it takes me to Paris?" The shawl had been worn in Paris frequently during a year, but there is no reason to suppose that G. P. living was aware of this.

G. P. inquired what had been done with a special picture which he had owned.

Mrs. H. : That got torn up after you passed out, but here is a picture that I don't know whether you will recognise, but you used to know the place. [G. P. puts picture on top of the head]. . . .

G. P. : What is this? This is your summer house.

Mrs. H. : Yes, you have got it right.

G. P. : But I have forgotten the name of the town.

Mrs. H. : Don't you remember D—— ?

G. P. : O, the little brick house and the little vine, grape-vine, some call them. Yes, I remember it all ; it comes back as distinctly as the daylight. . . . Where is the little out-house ? [All correct. The little brick hen-house that, like the house itself, was solidly built of brick just did not come into the picture, but came to the very edge of it, so it was natural for George to ask where it was. The grape-vine that covered the whole house up to the roof was a striking feature of it.—K.] . . .

Mrs. H. There is the painting [handing another picture].

G. P. : No, I have no recollection of that.

Mrs. H. : No, I painted it when you were not there. You never saw that.

G. P. : It is not fresh to me at all ; but this [fingering the photo of the house] is very clear. Katharine.

Mrs. H. : She remembers that too.

G. P. : She was a little thing. Then you bought a place at some *ville* [Katharine's age when we left D—— was six, nearly seven. We first bought the place at X——ville in 1886]. Further references to personal incidents at D——. "Katharine, how is the violin?" [She plays the violin]. . . . To hear you playing it is horrible, horrible. . . .

Mrs. H. : But don't you see she likes her music because it is the best she has.

G. P. : No, but that is what I used to say, that it is horrible. [George was always more or less annoyed by hearing Katharine practise when she was beginning the violin as a little child.—K.]

G. P. : [A basket put into G. P.'s hands which he had given as a Christmas present.] That is mine. Where is my lamp arrangement ? I was very fond of that, you know. [He had also expressly got a small light shade that could be moved round the shade of an ordinary lamp to cut off the light from the eye, and he had used this much when living. He had made other references to this in previous sittings.] . . .

Mrs. H. : I want you to see that [handing a paper.¹]

G. P. : You wrote that to me this morning. [It was a poem on death written that morning with G. P. in mind, but no reference to G. P. in it.] . . .

[Another paper handed.¹] That is a letter. That is mine. That is my own, but that was written a long time ago. [Correct. A letter of his written many years before.] . . .

Give my regards to James Peirce. Tell him I could not speak to him, but I will again, and when you dine with him, think of me.

[George occasionally dined at the house of James Peirce in company with Mr. Howard.]

Mr. H. : George, do you know who this is from ? [handing an unopened newspaper¹ enclosed in a wrapper as if just received in the mail.]

¹ It must be assumed that these papers may have come within the field of vision of Mrs. Piper, but my conviction is that the trance personalities do not obtain any information by the ordinary process of vision. See p. 317, footnote.

G. P. : Where is John Hart? I am too weak to tell you. Is that Orenberg? Mr. H. : Yes. G. P. : Yes, that is he. You take that away and I will tell you better [referring to the wrapper which Mr. H. takes off.]

That is Orenberg, dear old fellow. I would like to see him. His own hand folded it. [It was a foreign newspaper that Mr. H. had received from Orenberg that morning, and had at once hidden away without telling anyone of it.] . . . [To Mr. H.] Get the long pipe and smoke. [Mr. Howard was in the habit of smoking a long pipe in the evening, as was well known to G. P.] . . . [Mrs. Piper was entranced at 8.30 p.m. G. P. leaves, and at 9.16 she comes out of trance, but as usual is somewhat dazed at first.]

Mrs. Piper : "There is the man with the beard."

Mrs. Piper then described what she thought was a dream. "I saw a bright light and a face in it, a gentleman with a beard on his face, and he had a very high forehead and he was writing."

R. H. : Would you know it again if you saw it?

Mrs. Piper : Oh, yes. I would know it, I think.

R. H. : Well, try and recall it. [See note at end of sitting.]

[Medium says she feels queer and as if she could turn right round and go into the trance again. Does not know what is the matter with her. After saying this she becomes entranced again very quickly at 9.22, and Phinuit appears, shouting.]

Ph. : You know you don't play that on me. George Pelham is a very clever fellow, but I am going to tell you he passed by me, and do you know what he did, he let her go without signalling to me at all; he did it by mistake; he told me afterwards, and so I came back to tell you. . . . [To Katharine] Vous êtes bonne fille. C'est la petite de madame : bonne fille, bonne fille, grande belle fille. [I was struck by Phinuit's speaking French all at once to Katharine, as she always speaks French with her sisters, having lived so long in France. There was more French than was here reported, as the stenographer does not know French well, and had to get what we could remember from us afterwards. Mr. Howard and I were much struck by the thoroughly *French* use of the word *belle*. Katharine is in no sense of the word a beautiful girl as English people generally understand the word *belle*, but she is conspicuously a tall, well-developed, well-made girl, of the sort to which *belle* in the French sense would be applied.—K.]

. . . Phinuit : Who is Farnan?

Mr. H. : Vernon?

Phinuit : I don't know how you pronounce that. It is F^h-a-r-n-s-w-o-r-t-h.

R. H. : What about it?

Phinuit : He wants to see you.

R. H. : Wants to see me?

Phinuit : Not you, but this lady.

Mrs. H. : Well, what does he want to say to me? Is it a woman or a man?

Phinuit : It is a gentleman, and do you remember your Aunt Ellen?

Mrs. H. : Yes, which Aunt Ellen?

Phinuit : She has got this gentleman. [I have seen and asked my "Aunt Ellen" about "Farnworth," without telling her why I wished to

know. Phinuit was right—that is, there was a man named Farnworth, since deceased, who was gardener in my uncle J——’s family, and afterwards worked for my grandfather J——, probably in 1847; but my grandfather died before I was born, so I never saw or heard of this man before.—K.]

Mrs. Howard: Tell Mr. Foxcroft his daughter is very happy. Did you have a message from Mr. Foxcroft? Foxcroft is his first name; we know his other name now; you wrote it. [See sitting, November 22nd, p. 413.]

Phinuit: Oh, he told me to write it. Oh I know, but that gentleman wanted to send his love to her, and to be remembered to you . . . so that you may know he is here and it is a test. These little things sometimes interrupt me greatly, and when I go to explain it to you you can’t understand it; but sometimes when I am talking to you I am suddenly interrupted by somebody who don’t realise what they are doing, and then I give you what they say as near as I can, you understand that, and it is very difficult sometimes for me to discern it and place it in the right place. . . . Who is Marie, Marie [Mary] that is with him?

Mrs. Howard: His wife.

Phinuit: And that is Allie, Ellie, in the body, Addie.

Mrs. Howard: Addie. You have got it.

Phinuit: She is the one he wants to send his love to. [Foxcroft C——’s daughter is named Addie. I know her somewhat, and she has been to see me in that library shortly after her father’s death.—K.]

At the previous sitting a suggestion was made that G. P. might talk or write Italian on behalf of a deceased Italian lady, Madame Elisa, and an attempt was made here apparently to write some Italian words. They were, however, not very legible.

Mrs. Piper is apparently about to come out of trance when another control takes possession for a few minutes, who is thought by Mrs. Howard to be Elisa, and who whispers something in Italian to Mrs. Howard. Again Mrs. Piper is apparently about to come out of trance when Phinuit returns for a moment to say *au revoir*. [What follows is in substance the conversation between Elisa and Mrs. Howard.]

E.: Paziienza, paziienza, paziienza.

Mrs. H.: Si cara Elisa.

E.: [Tries to give a message in Italian to her sister, but Mrs. H. could only catch a few words.]

Mrs. H.: Non comprendo bene.

E.: Taceo, paziienza, paziienza. Dire tutto a Frederica [name of sister] a rivederla. Elisa a rivederla.

[Signs of suffering indicating the trouble that caused the death of Madame Elisa.]

Mrs. H. says in Italian “Don’t suffer, Elisa.”

E.: Paziienza a rivederla.

After Mrs. Piper comes out of trance she is shown a collection of thirty-two photographs, nine of them being of men, from which she selects picture of the person whom she saw when coming out of trance the first time. The photograph that she first picked out was an excellent likeness of G. P. She afterwards picked out another photograph of him. She stated that she

never knew the gentleman when living. [My remembrance is that Mrs. Piper was left alone while she made her choice of the photographs, but I cannot find any notes of the incident other than the preceding statement made at the time by the stenographic reporter.—R. H.]

Third. November 30th, 1892.

Present: Mr. and Mrs. Howard, and (during part of the sitting) their daughters Katharine and Evelyn, R. H. and Reporter.

Part of this sitting was occupied by Phinuit's attempts to obtain some information about certain articles that were presented and that had no connection with G. P.

There was also some writing, purporting to be Italian, written by G. P. at the dictation of Madame Elisa, but apparently illegible except the final words for "Good-bye." Most of the time was occupied by questions concerning G. P.'s impressions of his new state of existence, etc., and there was not much of an evidential nature. Incidentally there were several curious points which struck the Howards and myself as particularly suggestive of G. P. The most important are too personal to quote, but the following may be given.

G. P. : [controlling the voice.] "Take Kant and Aristotle, take Locke, Descartes." [George had a habit of pronouncing French words like English ones, at which we have often laughed and accused him of affectation. He pronounced Descartes in this way here.—K.]

Mrs. H. : Could you have the Alexandrian library that was burned?

G. P. : Yes, everything. It does not make any difference how much the material is destroyed. Plato was a philosopher and a good one. You know, Hodgson, that was our argument, our discussion.

R. H. : That came in certainly; we used the old Platonic analogy.

G. P. : Socrates was a medium. . . .

[For remarks on this incident see pp. 363-5.]

There was some special conversation between G. P. and Evelyn, during the last part of which the other sitters were sent away. One of the first things said was, "Well, I won't tantalise you now," and later on "I used to torment Evelyn; but she will forgive me, I know." [He used to tease her a great deal]. . . . "Evelyn is a girl that can always tell how much two and two is."

E. : Yes.

G. P. : You have just learned, haven't you? You are not a great one for mathematics, are you? [She is specially weak in mathematics.]

[Evelyn gave the following account of her conversation]:—

She says that she was unable to hear all that was said.

G. P. : Now be *good*, Evelyn. It doesn't matter so much about your lessons; being good is the most important thing of all. Do you remember the little book I gave you, and wrote your name in? E. : Yes, I was looking at it but the other day. G. P. : Well, you bring it and show it to me next time. [Here G. P. wrote a few words on a sheet of paper, and told E. to keep these words and compare them with the handwriting in the little book.

He told her she might tell her mother what he had said, and show her the writing afterwards. The writing has no special likeness to G. P.'s].

Fourth. December 2nd, 1892.

Present: Mr. and Mrs. Howard, Katharine Howard, R. H., Mr. Robert Marte, and Reporter.

[The sitting was originally arranged for the latter part of the afternoon, but Mrs. Piper was unable to go into trance. The sitting was then postponed till 9 p.m. Mr. Howard took Mr. Marte to his Club to dine, and Mrs. Piper remained with Mrs. Howard. Mr. Howard and Mr. Marte did not return till nearly the end of the sitting.—R.H.]

Phinuit took control and made some statements [afterwards ascertained to be incorrect] about a scarf and a locket that were presented, and concerning which the sitters were ignorant. At 9.21 Elisa (see p. 335) took direct control of the voice and talked a few sentences while G. P. wrote at the same time. G. P. then took control of the voice, and shortly afterwards R. H. came into the room, and for most of the time talked with G. P., who explained some obscurities in his conversation of the previous sitting. This talk was interrupted, as it were, by some remarks to Mrs. Howard.

G. P. : Where is your friend—wait until I think . . . Mrs. Warner?

Mrs. H. : She was here this morning, but she is not here now. I told her about you this morning.

G. P. : I heard you talking with her when you were telling her about me, was with you all the time, and she questions a little, she does not know whether it is I or somebody else.

[Mrs. Warner had called to see me on the morning of December 2nd, and I talked with her about the previous sitting, and gave her the message for Addie (see p. 417). She has also since confirmed G. P.'s statements as to her state of mind.—K.] [Mrs. Warner had a sitting with Mrs. Piper in the early part of the year, when her name was not mentioned.—R. H.]

G. P. : Then there is another friend I used to know, a Mrs. Easton. [Pseudonym.]

R. H. : Did Mrs. Howard know Mrs. Easton? Was she a friend of Mrs. Howard?

Mrs. H. : I don't know anybody well by the name of Easton. Oh, James Peirce's sister?

G. P. : Yes, that is she.

Mrs. H. : Well, I know her slightly.

G. P. : Oh, I know what I have in mind. I forgot to speak to him about her. [Mrs. Easton is a sister of James Peirce, who had a sitting with Mrs. Piper on April 28th, 1892. See p. 305.] [Mrs. Piper had been entranced for probably about an hour when] Mr. Howard and Mr. Marte entered the room, Mr. M. seating himself close to the medium.

R. H. : George, can you tell me anything about this person?

G. P. : I don't want you to bother me; I have—

R. H. : But this is very important, more important than anything else.

G. P. [taking the hand of M. and then reaching for pencil]: Give it to me, I will write it.

[The quotation marks indicate what was written, and the writing was done very rapidly, and in an excited manner.]

G. P. : "Hello, hello. Jim, where did you see Mar——" [breaking off here and shaking Mr. M.'s hand] "oh, help me."

Mr. H. : We will help you.

R. H. : Can't you talk, George ?

G. P. : "I was just getting weak when he came in. Hallo, Mart. How are you, old fellow ?"

Mr. M. : How are you, George ?

G. P. : "All right. Thanks, dear old chap. I am glad to see you, dear old friend. How is your family ?"

Mr. M. : They are all very well, indeed, George, all very well.

G. P. : "Oh, I am so glad. Have you seen father ?"

Mr. M. : Whose father ?

G. P. : "His father."

Mr. M. : Have you seen my father ?

G. P. : "Yes, he is very well, and wishes to be remembered to you."

Mr. M. : Can George give his name ? Can George know my father's name ?

Mrs. H. : Write his father's name.

G. P. : "Why did you not ?"

Mrs. H. : What is his father's name ?

Mr. M. : Does he keep the same name there ?

G. P. : "come here before ? I nev . . . I don't know, but I will ask him. He seems to know you. Halo, Jim. Hallo, Jim."

Mr. H. [taking the medium's hand.] Here I am, George.

G. P. : "Oh, you people are so stupid."

Mr. H. : Well, George, I know we are, but we cannot help it.

G. P. : "The fact is you all want me to work for you, but you don't care a straw about helping me."

Mrs. H. : [to Mr. M.] Speak to him just as you would to anybody.

Mr. M. : It is not easy to carry on a natural conversation under the circumstances, being the first time that a fellow has seen this sort of thing, George !

G. P. : "Is it Mart ?"

Mrs. H. : He does care.

Mr. M. : Very much indeed.

R. H. : George, can you talk ?

G. P. : "I can't now, I am too weak !"

Mr. M. : George, have you seen your grandfather, Robert Noyes, there ? Have you met Robert Noyes there ?

G. P. : "Robert N. is all right, and so is, and so is Robert Mart. I know you and am glad to see, right glad to. Oh do help me, Jim." [Shaking hands with Mr. M. again.]

Mr. M. : I will come again sometime, George.

G. P. : "Evolution is all right in the real life, as Darwin says, but it goes

on evolving in the ideal life, which fact he, of course, who knew nothing until he came here." . . .

Mr. M. : Have you seen old Robert Noyes since you have been there ?

G. P. : "Kind, kind old Jim dear, please excuse, oh yes, Mart, he is as I thought, but kind friends you——."

Mr. M. : Was he satisfied with your account of his conduct in the peace negotiations ?

G. P. : "Yes, perfectly, after I explained it to him."

Mr. M. : Have you seen Franklin ?

G. P. : "Whom do you mean. . . ."

Mr. M. : I should think George would know that.

G. P. : ". . . Ben?"

Mr. M. : I mean Jim's ancestors.

G. P. : "Yes, of course I have. He has told me all about the philosophy of electricity. Good-bye, friends." . . . "I am so glad to have seen my good friend, and hope he will come again soon." . . . "Yours most cordially and sincerely, George Pelham."

Phinuit takes control again at 10.16. Trance ends at 10.20.

I have quoted the above written communication complete, as it illustrates very well the kind of confusion for which sitters, ignorantly, are partly responsible. And it may be worth while for me to present my interpretation of this incident, as I am inclined after much later experience to conceive it—far-fetched though such an interpretation may seem to persons unfamiliar by practical experience with Mrs. Piper's trance-phenomena. Let us suppose for the moment, as is claimed, that the "energy" available for the trance is nearly used up, and that, not only for this reason, but because the act of communicating itself benumbs the agent, G. P. is at the point, so to speak, of exhaustion. At this stage an old friend enters, there is a rush of excitement ; G. P. immediately greets him in a natural way, but is compelled by the circumstances of the case to express himself at the slow rate of writing. *Cæteris paribus*, more energy is needed to use the voice than to use the hand, and there seem also to be other difficulties in the way, as very few communicators are able to use the voice at all. The writing itself moreover appears to be not the result of any conscious effort of writing on the part of the communicator, but the result of the communicator's thinking what he has to say at the slow rate of writing. (See p. 332). The next important point to notice is that G. P. apparently starts out in a natural conversation with his old friend, but is immediately pulled up short by questions which are entirely foreign to the thoughts and emotions surging through his mind. Still at the first opportunity where a question is not thrust upon him he begins to say something which is peculiarly appropriate to the sitter, connecting evolution in this life with evolution in another, but is not allowed to finish. The sitter interrupts with his series of

questions, and remonstrance on the part of G. P. is entirely unavailing. G. P. was the author of a biography of his own grandfather, Robert Noyes, of whose conduct in certain international peace negotiations G. P. took a special view. Mr. Marte's question at this point evidently referred to this. Further, G. P. is deprived of the opportunity of finishing his sentences, in reply to the sitter's inquiry. G. P.'s reply to the question, "Have you seen Franklin?" was evidently, "Whom do you mean, Ben?" It must be remembered that as soon as words are written they are uttered aloud, usually by me when I am present at a sitting. This was originally in accordance with the request made by G. P., so that he might know that he was understood. Thus as soon as "whom" was written it was pronounced aloud, and so on. In this case the sitter interrupted after the word "mean" was written, just as G. P.'s question higher up, "Why did you not come here before?" was interrupted in the middle of the writing by two questions which ignored what G. P. was trying to express. G. P.'s reply about Franklin was exactly to the point, but, of course, Benjamin Franklin's experiments in electricity are probably a matter of almost universal knowledge. I have said that the statement about evolution's continuing in the other life was peculiarly appropriate to the sitter; but it must be added that during a portion of the previous sitting and the early portion of this sitting G. P. had been talking on this very point. Mr. Marte is widely known for his contributions to the doctrine of evolution, was an intimate friend of G. P., and had talked much with him, when living, on philosophical subjects. But Mr. Marte is so well known, both as a writer and lecturer, that any mere knowledge of his name and work cannot be regarded as having any evidential value. (See the sitting of December 9th, 1892, p. 428.)

Fifth. December 5th, 1892.

Present: Mrs. Howard, R. H., Reporter, and (part of the time) Katharine.

Phinuit says that George has gone to find Jim and will "come back and tell Hodgson what Jim is doing."

R. H. makes an inquiry and presents articles on a matter having no relation to G. P. A locket (also presented at the previous sitting) was given to Phinuit for further statements.

[The reporter reads over to Phinuit what was said in connexion with the locket, and Phinuit makes a few corrections. While doing this he stops the reading at the word Susie and uses the right (left?) hand in making letters of the deaf and dumb alphabet quite rapidly, then tells her to go on. (The reporter recognised some of the signs used, but not enough for any intelligible interpretation.—R. H.) While the reporter is talking with Phinuit, George

uses the right hand of the medium and carries on a conversation in writing with Hodgson and Mrs. Howard. The quotation marks indicate what was written.]

“Hello . . . I am with you now and, Hodgson, Jim has seen Fenton. [Correct. Mr. Howard had gone into the country to visit a friend named Fenton.] Tell Mart [see previous sitting] I am so glad to have seen him.” [Several words here supposed to be Italian, but indecipherable].

Mrs. Howard : Are you writing for Madame Elisa ?

“Si—Yes.” [Several more words supposed to be Italian, but indecipherable.] . . .

[R. H. tries for some time to obtain an answer to a question given him by Mr. Y. Z.] [I cannot give an intelligible account of this incident without referring to private matters. It was of evidential value only indirectly as indicating an emotion in G.P. concerning circumstances of which I was ignorant. See next sitting.—R. H.]

Jim is reading, or was a short few minutes ago (9.10). [Correct]. . . .

Tell Orenberg I will tell him something when I come here again that will surprise him. Ask him for me what he wanted to destroy my papers and letters which I gave him. [Orenberg helped G. P.'s father to destroy G. P.'s letters after his death.] [This was known to the Howards.—R. H.]. . . .

[Here came the reference to Mattie Johnson ; see p. 312.]

* * * * * *

At 10.12 [G. P.'s.] place at the writing was taken by Madame Elisa (see p. 335), who wished to tell her sister that she was living.

Mrs. Howard took a paper from her pocket and placed it in the hand,¹ saying that she had received it from Frederica (the name of the sister). The hand was passed wholly over the paper and then a Christian name was written, and almost immediately afterwards a surname, both correct. The name was that of Frederica's husband, and the paper was some verses written by him and given to Mrs. Howard some months previously. Other personal and characteristic messages were written, including appropriate references to the sitters, the full name of the communicator and several (not uncommon) Italian words, *viz.* : *stabene*, *pazienza*, *adagio*, *taceo*, *addio a rivederci*. The writing ended “*addio*. I remember the flowers you sent me.” Mrs. Howard's impression was, that she did send some flowers [apparently during Madame Elisa's illness] but could not be absolutely sure.

G. P. then took control of the voice and talked for a short time. I quote a portion of the rest.

G. P. : . . . There are two things : first of all is the argument, and second is the test.

R. H. : Yes, first-rate.

G. P. : It is hard work, Hodgson, but I have got courage to brave it out.

R. H. : You are doing first-rate.

G. P. : That is what I am here for. And I will make Orenberg realise that I exist or else I will go back in the body and do it over again. Dear old

Orenberg. He has the same views of this life as I had before I went away. You know his views are the same. [Correct statements according to the Howards]. He has a lot of incoherent views. . . .

It is difficult to convey ideas through the medium, but it would be difficult through any medium. It is like crawling through a log, a hollow log.

Mrs. Howard : George, you said you had been following Jim. Do you know where he is now, or where he went ?

G. P. : He has gone to see his friend Fenton [correct] saw him not three quarters of an hour ago, as near as I can go by the time.

R. H. : Well, it was more than three quarters of an hour.

G. P. : That I can't specify.

Mrs. Howard : George, do you know what Fenton and Jim were talking about ?

G. P. : About this very subject and about me [correct]. They have been discussing it, but Fenton is as hard-headed as Orenberg, for you could not turn him any more than you could Orenberg, but they will have to turn and be glad to come back and acknowledge it as I have. . . .

Sixth. December 7th, 1892.

Present : Mr. and Mrs. Howard, R. H., the Reporter, and (part of the time), Katharine.

R. H. presented some fresh articles in connexion with the case about which he inquired on December 2nd and December 5th, and Phinuit made various statements about them after sending Mr. and Mrs. Howard out of the room.

Later on G. P. writes and gives satisfactory reasons for his treatment of my inquiry concerning the questions of Y. Z. at the previous sitting, Mr. and Mrs. Howard having returned. This inquiry, owing apparently to antagonistic personal remembrances which G. P. living entertained towards Y. Z. on account of private matters unknown to me at the time of the inquiry, seems to have produced a certain temporary irritation on the part of G. P. communicating towards myself (see below). Then came the following (written) :

G.P. : "Don't you want me to give, please give me mother's letter." [Mrs. Howard had received a letter from Mrs. Pelham which was then given to the hand.]¹ "Oh I see father is not well."

Mrs. Howard : She says that in the letter.

G. P. : "I am sorry, but it cannot be helped. Where is it that she says in that letter she is going ?"

Mrs. Howard : First to New York and then perhaps to come here, George, to see you.

G. P. : "Oh, I am sorry I asked you now [crumpling letter in hand] going to dispose of it all right, then it will be far better "

Mrs. Howard : Let us see that word again, George.

G. P. : "for father, since he is so delicate."

¹ Beyond the field of vision of Mrs. Piper (see p. 317, footnote).

Mrs. Howard : Now what is the place that they are going to dispose of, what does it say in the letter, George? Tell me the name.

G. P. : "the house and "

Mrs. Howard : I can't read that, write it again. The house and what?

G. P. : "property in "

Mrs. Howard : Wait a minute, have another sheet.

G. P. : "N. Y."

Mrs. Howard : What is the name of the place, George? If you remember the name write it down.

G. P. : [Scrawl.]

R. H. : Can't read that, George.

Mrs. Howard : Never mind, George. Take the letter and read it and then you write it down. Wait a second, be patient.

G. P. : [crumpling letter.] [Scrawl.]

R. H. : Take your time, George, capital letters, George, capital letters.

G. P. : "I do wish Hodgson would be more patient."

R. H. : I think I am patient, George. I am telling you to be patient."

G. P. : "He exasperates me "

R. H. : All right, George. I will keep entirely silent if you like.

G. P. : "in the extreme. Fire away, Mary, Go "

Mrs. Howard : Now George, I want you, if you remember the name of that place in New York, that country place that is going to be disposed of. I want to know the name of it. Yes, here is the letter, and if you can give me the name write it down.

G. P. : "Well, why do you confuse me so, why don't you let me go on and tell you what she says?"

Mrs. Howard : Yes.

G. P. : "Without interrupting me so often [crumpling letter again] why don't you answer?"

Mrs. Howard : George, you know there is a question she wants me to ask you in that letter.

G. P. : "Potomac."

Mrs. Howard : Yes, it is on the Potomac. That is all right. [Some confusion here. The town Z. which had been mentioned by G. P. in a previous sitting (see p. 302) and which was the place referred to, was on the Hudson, and this was well-known to Mrs. Howard. Washington, where his father lived in the winter, is on the Potomac.—R. H.]

G. P. : "What is it, Hodgson?"

R. H. : Nothing, George, nothing. I am listening.

G. P. : "Why don't you say your say?"

R. H. : I have said my say : now I am letting Mrs. Howard.

Mrs. Howard : George, I want to ask you a question. Just read what she says there, something about what she has been doing.

G. P. : "I prefer you [Hodgson] to ask for *evidential* purposes, for she knows."

Mrs. Howard : Yes, I do.

R. H. : Well, but she knows what questions to ask, George, and I don't. It is all right if she asks, never mind if she does know.

G. P. : "those . . . oh, all right."

R. H. : Now, Mrs. Howard will ask.

Mrs. Howard : I want to know, George, what you have seen your mother doing.

G. P. : "I simply see the letter and tell you for test."

R. H. : Well, George, I am going to look at this letter again and ask a test that nobody knows here at all. She says that you perhaps saw her.

G. P. : "please look, but I tell you all I can anyway whether you ask or not."

R. H. : Yes, well, that is a question, George ; if you will wait just a minute, I want to ask because your mother asks it.

G. P. : "She has asked me what she has been doing."

Mrs. Howard : Yes, that is true.

G. P. : "Well, she has been shaking up my things a little, I mean my clothes, it is a simple thing but will go for a test." [I believe that this was ascertained by Mrs. Howard to be correct, but she has not filled up the spaces for her notes to this sitting.—R. H., 1896.]

R. H. : First-rate, George, we will find out from her about this.

* * * * *

[He is told that Marte is coming the next time, and requested to find out the name of Marte's father in the spirit. Some remarks with reference to Marte and the difference between him and Y. Z.]

G. P. : . . . "Ask me anything you like."

Mr. Howard : Well, he said at the last sitting he had something for Orenberg.

G. P. : "Well, it was this he wrote you Jim about me.

Mrs. Howard : Yes.

G. P. : "And wanted to know what I had to say." [Orenberg had written for information about the sittings.—J.]

Mrs. Howard : Go on, yes.

G. P. : "Well."

Mrs. Howard : If we had got that before the letter it would have been interesting.

G. P. : "All I want is to convince him that there is a real existence after the liberation of the spirit from the——"

Mrs. Howard : Wait a minute, I can't see.

G. P. : "material organism."

R. H. : Material organism.

G. P. : "Good, Hodgson, if you can read this you do mighty well."

R. H. : Well, I think you are doing mightier well to write it, George.

G. P. : "Well, I wish you knew how many——"

R. H. : Write that word over again. Difficult ?

G. P. : "Oh, no" . . . "stumbling blocks there are, Hodgson."

R. H. : Well, perhaps I shall know them some day, George, when I come to try it myself.

G. P. : "Yes, then you will be glad to congratulate me for what I have done."

* * * * *

Phinuit makes some more statements about the articles given to him at the beginning of the sitting, during which the hand is seized and makes the

letters of the deaf and dumb alphabet. Phinuit on being asked who is using the hand, says that he does not know "who she is." (See pp. 439-40.) After Phinuit leaves, Madame Elisa talks in a whisper for a short time to Mrs. Howard—personal messages, no fresh evidential matter. The trance ends, and while Mrs. Piper is recovering she says, half dazed, "I dreamed I saw a lady with a lot of flowers in her hand. Where am I? Do you know Walter Leaf? . . . I tell you what I do remember, of seeing a lady with something in her hand, I don't know what it was. . . She had dark curly hair, not very much curly, crinkled a little up here (fore-head) brushed back like that. She had a very pronounced looking face, very fine looking face, quite large eyes, quite a large mouth." (What sort of flowers?)

"I can't tell you, it is going from me now."

To the ordinary reader, most of what I have quoted above may seem not merely tedious but worthless from any point of view. This obviously is not my own opinion. It would be indeed impossible, even by filling some thousands of pages with full reports and detailed comments, to convey to the reader the impressions produced by attending hundreds of sittings with Mrs. Piper. I should, however, entirely fail in producing any approximation to a correct impression were I to limit myself to a bald enumeration of the facts indicating supernormal knowledge on the part of Mrs. Piper's trance personalities. It is my desire, if possible, to enable the reader to appreciate, if only to a small extent, the *mise en scène* of the sittings, the subtleties of the different personalities that purport to communicate, particularly of George Pelham, and the difficulties involved in such communications under the circumstances described. It is important that the reader should remember that in the above dialogue, as in most of the other communications from G. P., what he has to say, either spontaneously or in reply to questions, is *written*, that in these earlier communications at least, while I was yet ignorant, so to speak, of what the difficulties appear now to me to be, he was continually being vexatiously interrupted, and that frequently the writing was illegible, and it was necessary that the words should be re-written. The scrawls and the re-writings are not as a rule here reproduced, but there is enough indication in what I have quoted to show the kind of difficulty that this re-writing must occasion in the mind of the communicating intelligence, whatever that may be. Further, it is only by more or less prolonged conversations that glimpses into personality may be obtained in inquiries of this sort, and the evidence in relation to G. P.'s identity rests not a little upon the characteristics of his mental make-up, including not only his intellectual, but his emotional qualities, his affections, his weaknesses, his sympathies and antipathies, and his loyalties. In the badgering (this is really the nearest term to suggest the actual fact) to which I had subjected him

by the persistence of the inquiry which I made in connection with Y. Z.'s question, I had touched unwittingly the very core of that loyalty to his friends which was highly characteristic of the living G. P., and which apparently led by my association with Y. Z. to the manifestation against myself of a certain amount of annoyance—followed, be it noted, by a desire to remove the dissatisfaction produced in me by his remarks.

Seventh. December 9th, 1892.

Present : Mr. Howard, Mr. Marte, R. H. and Reporter at beginning of sitting, and a little later Mrs. Howard.

Phinuit said at the previous sitting that he would not be present the next time at all, but he appeared at the beginning, and said that he had come because he had got some further information about the subject of the articles presented at several previous sittings. He complained that "the light" was "not so strong," "not so good as it is sometimes."

R. H. asked if it was because the medium was not very well. Phinuit said she was ill; "there is something wrong down here," and shortly afterwards, just before the writing began, said again: "You know there is something wrong with the medium." Also near the beginning of the writing G. P. remarked "this light is weak," and later on "don't hurry me, for this medium is not clear physical organism."

Partly (as I now think) owing to Mrs. Piper's ill health, and partly to our inexperience, the sitting was not successful, though the personal relations between G. P. and Mr. Marte were marked as on the previous occasion of Mr. Marte's presence. (See p. 419.)

Mr. Marte put some questions on philosophical subjects, and there was some confusion of the kind which I have illustrated in the account of the sitting of December 2nd, 1892, p. 421. Mr. Marte also asked about the book *One or Many*, and G. P. showed no knowledge of such a book. It appeared that G. P. living, in conversations with Mr. Marte, had proposed giving the name "One or Many" to a philosophical MS., which he, G. P., had written. Mrs. Howard noted that G. P. living never so called his MS. in conversations with her, though she saw him constantly at the time it was written, but always referred to it as his philosophical book. He also several times mentioned it to myself without giving any name to it. I supposed that the general subject was the "Mind-Stuff Theory." The MS., as I learnt long afterwards from the present custodian of it, does not bear any title like "One or Many." The communications were chiefly in writing, but partly in speech from G. P.

Most of the conversation that followed after G. P. took control of the voice was of a non-evidential character. In reply to enquiries he said that he had seen us three (Mr. M., Mr. Howard, and R. H.) in a club that day, eating, the Tavern, that he had been there with R. H., and once with John Hart.

[All correct, except that whether he had been at the present quarters of the Club once or more than once with John Hart is uncertain. He had been to the old quarters of the Club several times with John Hart.] Also :

G. P. : I saw you in Marte's library a few days since.

Mr. Howard : All three of us ?

G. P. : No, simply you, Jim. [I was there, but not alone, all the time with Marte, December 1.—J.]

He had been asked at the previous sitting to find out the name of the father of Mr. Marte. He said here that he had not got it, could not find everybody in a minute, etc.

Mr. Marte formed an opinion entirely unfavourable to Mrs. Piper.

The remaining sittings of this series are nearly all much shorter, and contain much less characteristic matter. This fact I attribute to Mrs. Piper's increasing ill-health, leading to an operation in March, 1893.

Eighth. December 16th, 1892.

Present : Mr. Howard, R. H., and Reporter, and, later, Mrs. Howard, Katharine, and Evelyn.

Phinuit talked for a short time about various persons and makes a prophecy not yet fulfilled. G. P. began to write : "How are you, Jim and Hodgson. Where is Mary, and what is that little piece of paper she has in her hand ?" I then inquired if he could tell us what Mrs. Howard said to him alone, if he happened to be there, soon after the last sitting. "She asked me to help her and try and make things right, and asked me to help her convince you and others that this is I. Now I think that is all I heard her say." Mrs. Howard comes in shortly after, and reads this, and says : "I knew you knew some of the things I said to you. Did you see me writing to you ?" [Mrs. Howard did not fill in her notes to this sitting. My impression is, that she had thought something more specific than this which was not mentioned by G. P. She writes at the end of 1897 : "What I said to G.P. alone was said for him alone and was therefore not put in any note, but all his references to that and to my writing were I think correct. I think I had the piece of paper in my hand in my own room but not when I came into the library, where the sitting was held, but I cannot be sure of this as my memory may play me false."] Previous to Mrs. Howard's entering, G. P. had expressed a wish to speak to me one moment, and now proceeded with this. He wished to explain again about the difficulty of communicating, and the necessity of his not being interrupted when he was answering a question. "This is the most difficult task, I must say, that I ever had to perform, so please be as kind and patient as possible . . . first you asked me to pump Phinuit."

Phinuit : You better shut up about me. . . .

Mrs. Howard gives Phinuit some articles, and is talking with Phinuit while the hand is writing : "His proper name is John Pt. [?] Scville, only P—— no Phinuit at all." [Phinuit seems to be having a struggle with the hand. George in the meantime is trying to go on with the writing.]

Two or three illegible words written and the paper is torn. Then "this is a tabula rasa," emphatically underlined.

Mrs. Howard : Who has got the hand, doctor ?

G. P. : "George, I am going into the head. . . . I want Hodgson to speak his mind fully to me personally *now*." . . .

R. H. : Well, I have not got anything specially on my mind now, George.

G. P. : "Have I said anything to trouble you ? be frank, please."

R. H. : No, you have not said anything to trouble me, except this, except the things that make it difficult to reconcile with your identity. You said things that easily contradict, George, and those things conflict evidentially with the proof that it is you. Of course, those things trouble me a good deal, but I have not anything special.

G. P. : "I think you will find my statements contradictory only when you confuse by all talking at once, or when I do not fully understand your questions."

R. H. : Well, George, I am going to go over all the things that appear to be contradictory, and ask you about them, but I was not going to do that to-night.

G. P. : "That is what I want. It has worried me far more than it has you, my dear fellow."

R. H. : Well, I suppose it must have, George. I can understand that.

G. P. : "Now just let me illustrate. When I began to speak about my existence here and was ready to quote it philosophically, you interrupted me continually."

R. H. : Well, we are very sorry, George ; we would like you to go straight on without our saying a word for an hour, if you could.

G. P. : "Don't you know you did it ? Please be frank."

R. H. : No, I am not aware that we did, George, except you seemed as though you needed us to speak to you occasionally.

G. P. : "Have you not got the things written ?"

R. H. : Yes.

Mrs. Howard : Yes, I think he was interrupted a good deal by Marte at the last sitting.

G. P. : "Well, please read them carefully . . . and see if I am not right."

R. H. : Well, we will take care, I think, George, not to do you an injustice.

G. P. : "Thank you."

The statements made here by G. P. I now believe to be fully justified, though apparently I did not think so at the time.

R. H. : Now, George, if you can give us a description of your life there, or of the views that you had on philosophy here, or anything of that sort continuously, we shall be glad to have you write or speak without saying a word.

G. P. : "Yes, but this has worried me so much I had to speak to you about it."

R. H. : Well, we are very glad, George, that you have spoken, and I know that we have interrupted, but—

G. P. : "Because it is most difficult to express one's thoughts through material substance. Now when you consider this, I think you will allow for some snags, won't you?"

R. H. : Certainly. Now, would you like to answer Marte's questions or to talk on your own account?

G. P. : "Thought exists without material substance, and is in no wise dependent upon it. [We probably could not decipher *it* immediately, and so he wrote] body. I assure you this. For thought continues to exist even after the annihilation of or non-existence of body. Is that not like me?"

R. H. : Well, go on, George, we are taking it all down.

Mrs. Howard : That is like you.

G. P. : "Well, the personal existence or the reality of the Ego is not a truth of inference. Am I getting you mixed up?"

R. H. : No, not at all, George.

G. P. : "All right. I want to be sure that I am clear myself." "The [Ego?] exists after the disposition of the body, and in an immediate intuition . . . [This last sentence was apparently not deciphered at the time, and the result was that G. P.'s attempt to distinguish between "an immediate intuition" and "a truth of inference" as applied to "the reality of the Ego" entirely escaped us, and the train of his thought was switched off. I said we could not read it, and asked him to write it again, etc. Then followed] "The Ego exists after the disposition of the body, and consolidated with thought in which one and the same is thought. Am I confused?" We read this aloud, and "consolidated with" was rejected for "combined in," and finally "it is all one. That is what I want to explain." . . .

G. P. : "All right. Well, now then, after the Ego (which goes to make up the material organism) leaves the material organism, it goes on existing just the same as in the material, only is much more free, and can express itself in a much clearer sense than when in the material. Man's mind or soul is a *tabula rasa* here for a register of thought. Read it now please . . . you know that already . . . but let me tell you what I know."

At this stage Katharine and Evelyn were introduced and greeted, and G. P. was asked if he could talk to them.

G. P. : "Not now, dear Jim. Well, I want to finish this article. Then as thought goes on in the spiritual, I express myself, my thought to you. [Questions and repetitions, owing to difficulty in deciphering] . . . All right. Here I am as the Ego of George Pelham . . . well, now, you see as thought is not cause, but cause is thought. Do you understand?"

R. H. : Certainly, exactly. [?]

G. P. : "Well, then, so thought goes."

[Pause. Feeling of cap on head and working his arm.] . . . "I want my shawl." [Shawl placed on head.] Here G. P. begins to use the voice, speaks again about the difficulty of recalling everything in a moment, and the confusion produced by interruptions, etc., and says *inter alia* : "I am getting farther away from you each time. I am going on; it is too bad in one sense, but it is all right for me." He wanted to know what Marte's questions were, could not remember to whom the book on *The One or the*

Many was dedicated. When asked if he remembered anything about any book called *One or the Many*, he said : (Mrs. Howard having previously remarked that it was not a printed book) "No. I did not know there was such a book printed."

R. H. : You never heard of any book by that name printed or unprinted ?
[See previous sitting.]

G. P. : "Yes I have. Wait a minute. Say that again, Hodgson."

R. H. : You don't know of any book by the name of *One or the Many* printed or unprinted ?

G. P. : "Yes I do ; that is mine—[pause]—let me think ; let me write it for you, will you ?"

Shortly afterwards there was some writing, very confused, and not all decipherable, in which the names of Orenberg and Rogers were mentioned.

R. H. : Do you mean that you think it was Rogers who wrote *The One or the Many* ?

G. P. : "I think so, but do not remember." Then followed a little more writing, expressing a consciousness of being mixed about the book, Phinuit in the meantime taking control of the voice and talking. The last writing was "remind me of it when I come again, and all I ever knew I will tell you." Phinuit talks for some time, chiefly with Katharine and Evelyn. [The references to Orenberg and Rogers suggest an automatic or dreamy association of ideas. He had been told at a previous sitting that his MS., about which he inquired, was in the care of Orenberg, and he knew that a volume of his poems had been in the hands of Rogers for posthumous publication.]

I have given these lengthy and detailed extracts from the sittings partly to lead my readers along the path by which I myself have travelled, that they may be to a certain extent equipped for some of the points to be considered in asking whether there is any evidence here of an extraneous intelligence or not, but partly also because of the impossibility of summarising, in any brief statement, the evidential value of a conversation where one of the interlocutors may be restricted to frequently indecipherable "automatic writing" as a channel of communication. Whether spoken or written, I regard the dramatic form of the utterances as an integral part of the phenomenon, which must in no wise be neglected, even though we may think that it can be fully explained as an outcome of still embodied minds—for example, on the analogy of morbid or ordinary dream processes. Much of this dramatic form is incommunicable, and herein lies one of the difficulties of affording a fair estimate of those manifestations of personality which depend upon intimate habits of thought and emotion, and cannot be expressed by the verbal reproduction of definite remembrances.

The above instances may, however, suffice to illustrate some of the causes of obscurity and confusion in this automatic writing.

Ninth. December 19th, 1892.

Present: Mr. and Mrs. Howard, R. H., and Reporter.

Sitting begins by G. P.'s using the voice. . . . Mr. Howard and R. H. leave the room on request of G. P., who holds a short conversation with Mrs. Howard, after which they return. G. P. says he wants to understand Marte's question. After some references to this by Mr. and Mrs. Howard, G. P. expresses a strong desire to see Helen Vance, saying that he had seen her father [who had a sitting March 30th, 1892]. He is told that she is coming the next time.

Mrs. Howard gives a letter, [this must be supposed to have come within the field of vision of Mrs. Piper though, as I have explained, I believe that the trance-personalities do not acquire any information by the ordinary process of vision (see p. 317).—R. H.] saying, "I want you to see your father's letter, because there is something in it that will please you."

G. P.: This does not sound as father would talk when I was in the body. . . . He believes that I exist [calls for Hodgson, complains of being muddled, and asks Hodgson to put his hand "up there" (*i.e.*, probably against the forehead)] He was pained, but he is no longer pained, because he feels that I exist.

Mrs. Howard: That is right; I have read it.

G. P.: That brings me nearer to my father; now give him my tenderest love and tell him that I am very near him, and see him almost every day, if I could go by days, but I can't judge of that, because I have no idea of time; that is one thing I have lost, Hodgson. . . . But, still, I am very near to him, and wish to express my kindest feelings, Jim, Hodgson, both of you, and I see him and hear him when he is talking of me, hear him discussing with mother certain things about my life, some things that perhaps pained him, and some things that perhaps pleased him. I often hear him discussing my good qualities and my weak points, but it is a pleasure to me to know I can be so near him.

R. H.: He will be very glad, and we will be sure to send the message.

[The letter handed to George was one entirely on business matters, not the one we supposed, in which his father did speak of George's re-appearance at these sittings, and his own interest in hearing of it.—J.]

G. P.: You of all others are the one that I want to be absolutely certain of my identity. . . . Hodgson, I mean, and Jim, I want you both to feel I am no secondary personality of the medium's [struggling to get the last phrase out.]

Shortly afterwards he says he is "getting weak," and soon Phinuit "takes control of the head" and greets the sitters, but is interrupted by the seizing of the hand by G. P., who writes. I quote the first part of the writing, omitting the remarks connected with our interruptions.

"Now, about my theory of spirit life independent of the material substance. I live, think, see, hear, know, and feel just as clearly as when I was in the material life, but it is not so easy to explain it to you as you would naturally suppose, especially when the thoughts have to be expressed through substance materially. However, this only gives me pleasure to express to you all that I can possibly even in this peculiar way. I am not

distressed, though, because I cannot do as I would like. I am very thankful and willing to do all I can (for you in this way) even though it is not all clear. . . . Nevertheless, I am bound to do just all I can for you to prove to you that I (George Pelham) do absolutely exist, independently of the material body which I once inhabited. . . . Now, then, what I want to say is that I am light and free, and much clearer in thought than I was in my material body. . . . You see as I was explaining to you about thought, and had not strength materially nor time to finish, I will go on to that again and in a little more detail, which will explain to you (as well as anything) how and what I am now, *i.e.*, as a spiritual Ego. Thought is, as I said before, in no wise dependent upon body, but must necessarily, *as you see*, depend upon the body of another person or Ego in the material to express one's thought fully after the annihilation of one's own material body. . . . In consequence of this you see that there must necessarily be more or less confliction between one's spiritual Ego or mind, and the material mind or Ego of the one which you are obliged to use to explain these difficult problems to you, my friends, in the material. . . . Well, then, thought is an immediate intuition or primary datum of consciousness . . . in my present life everything is expressed by thought. Now I am getting a little hazy."

Questions asked for. R. H. asks what becomes of the medium during trance. "She passes out as your etherial goes out when you sleep." R. H. : Well, do you see that there is a conflict, because the brain substance is, so to speak, saturated with her tendencies of thought ?

G. P. : "No, not that, but the solid substance called brain, it is difficult to control it, simply because it is material . . . her mind leaves the brain empty, as it were, and I myself or other spiritual mind or thought takes the empty brain, and there is where and when the conflict arises."

A little further conversation with G. P. writing, followed by a short general talk with Phinuit.

Tenth. December 21st, 1892.

Present : Mr. and Mrs. Howard, Reporter, and most of the time Miss Helen Vance. Miss Vance was not present at the beginning of the sitting, and Mrs. Piper did not see her at all while in the normal state.

[G. P. had been informed at the previous sitting that Helen Vance was "coming next time," and after the previous sitting was over, and Mrs. Piper was perfectly normal, it was mentioned in her presence that Helen Vance was coming to the next sitting, though Mrs. Piper appeared indeed not to have heard this remark. But it would be fair to assume in any case that Miss Vance might have been known to Mrs. Piper. Her father, the reader may be again reminded, had a sitting on March 30th, 1892.—R. H.]

[Towards the close of the previous sitting, Mr. Howard remarked to Phinuit that he was going to see "that old friend of mine" (referring obviously to Fenton, whom Phinuit had described, and G. P. mentioned by

name at previous sittings, and who lives in a country town). Phinuit replied "Good, I will go with you. You do something special, move some object or something, and I will go and see if I can tell you what it is." . . .

Phinuit : Where is Jim ? I saw him at a place.

Mr. Howard : What did you see me do ?

Phinuit : I saw a thing like that there ; what is that thing there ?

Mrs. Howard : A table.

Phinuit : I saw you there, and saw you take a lot of things on that—what do you call that—books ?

Mr. Howard : Books, yes.

Phinuit : And what is the scarf thing you had over you there, you and the old gentleman there ? He is an elderly gentleman. You had a thing something like this that attracted my attention, a desk ; you know what I mean ; and then I saw you take and put one book on the other, books they were.

Mr. Howard : Yes, there was a lot of books there.

Phinuit : Well, what were you doing with them ?

Mr. Howard : I was looking over them to see what I could get to read.

Phinuit : I saw you do that particularly ; I mean to say that one thing.

Mr. Howard : Well, I wanted to get some old books to bring down to the library.

Phinuit : Oh, I see ; I saw you lay them on this thing, you know, like a desk. I saw you lay two or three there. You see what I mean ; you remember of doing it ?

Mr. Howard : I do perfectly. I brought the books down and gave them to the public library to-day.

Phinuit : Oh, I see. And then I saw this gentleman sitting in a big, like a chair, with arms to it ; you know what I mean, and you were sitting back in another one with arms to it, talking to him.

Mr. Howard : Yes, I was sitting in a chair with arms, and he was lying down.

Phinuit : He was reclining, but you were in a chair with arms to it. . . . And there were in the room where they were a great many books, do you know, all round the place, and right over—I am not very good at illustrating, but you know what they call the mantel there, a great big thing, looks like a picture in a frame, and there is one in that ; then on the other side there is another one, and a great big curtain drawn, what we call in French a *portière*, in that same apartment.

Mr. Howard : Yes.

Phinuit : Then there is a great big desk with feet to go under it.

Mr. Howard : Yes, he has that right by where he sits.

* * * * *

Phinuit : Well, is there any question you want to ask me about that old gentleman ?

Mr. Howard : He is ill, isn't he ?

Phinuit : He is quite ill, and he has trouble right here [chest], and right round here ; right round the heart there is a little bit ; it is difficult for him to breathe ; you see what I mean ?

Mrs. Howard : Yes, he said so yesterday.

Mr. Howard : Yesterday he had a sort of an attack.

Phinuit : Well, that is what I am getting at, his physical when you were with him, and his breathing [medium breathing hard]; then he has got a white medicine, looks something like a little powder, that he takes. I don't know as you have seen that.

Mr. Howard : No, I have not.

Phinuit : Well, he has taken that sometimes when he is not well. It seems like a valvular trouble.

* * * * * *

Phinuit : I saw you sitting at that desk too, Jim.

Mr. Howard : Yes. I sat there talking with him. I went up and wondered whether you would see me. We spoke about you.

Phinuit : Do you know that scarf thing?—he has got something with him—what do you call that, afghan [struggling over the last word], like a scarf, round thing; I saw him have that on. And do you know really that fellow knows in his mind that he is not going to get well? Do you know that?

Mr. Howard : Oh, yes.

Phinuit : And he may not say to you—that I am not prepared to say, but, however, in his mind he feels that he is not going to get well . . .

[I placed about half a dozen different volumes on the writing table by the side of the bed on which my friend lay. These he examined, at my request, to determine which he would give to the Boston Public Library, as early American imprints.

I wore no "scarf thing," merely my usual velveteen coat. He wore a sort of thick blue dressing gown.

He sat in no chair, but, as I said, lay in his bed, resting on pillows and one elbow. I sat much of the time opposite him in an arm-chair. There are bookshelves pretty much all round the room. Over the mantel is a moderate sized picture about 18 by 20 inches. Opposite, two curtains, not large ones, overhang a window, keeping out the light from my friend's eyes.

He has trouble with his heart. I know nothing of any white medicine. He feels that he will not recover. He wrote to me December 22nd : "I have no special apprehensions, but it seems to me obvious that I lose strength and vitality from year to year (to put it mildly) and, anyhow, it can't last for ever."—J.]

Phinuit says that G. P. is coming, and writing begins just after the entrance of Miss Vance. There is much misunderstanding of the writing, owing partly to the absence of R. H., who is more accustomed to deciphering rapidly. G. P. gives both names, Helen and Vance, asks after the society [a little society for literary purposes (*i.e.* practice in writing), to which George and Miss Vance belonged as well as two others, young women.—H. V.] [George had been questioned about this society before. See p. 302—R. H.], after her father and mother and brother [natural], and said that one died in infancy, that he sees her. [The statement that a sister died in infancy was correct.—H. V.] Miss Vance asked the name of this sister, and then just afterwards the name of "Ken's friend who passed out, in college with Ken." G. P. begins to explain about the need of asking questions slowly,

and waiting for the answer. Phinuit also begins to explain to the sitters what to do. In the meantime Miss Vance apparently dropped the question about her deceased sister's name, and repeated her request for the name of her brother Ken's friend, and the replies suggest that G. P. thought that she wanted to speak with that friend. "I will bring him for you." "He will tell you and send a message to Kenneth." [Name of Miss Vance's brother.] Later on G. P. writes the name of Harry Guild. [The name of one of my brother's college friends who died more recently than the one whose name I wanted.—H. V.] Later on he wrote: "Charles is with me. You asked . . . tell Ken . . . to keep the book he gave him in college (what book, history?) Macaulay's. (Charles gave it to Ken in College; is that it?) Yes, at least he had it, so he says. Tell him about Hale and . . . how is Berwick? [See p. 301]. Tell him Charles says he is to keep work he instructed him about and help him write. I don't think you understand." [Charles was the first name of the classmate of Kenneth and George, about whom Miss Vance was inquiring. He died in 1887. Harry Guild died in 1888. She notes that Ken has no recollection of any book, and does not understand the allusion to Hale.] He referred to having seen Miss V.'s father [sitting on March 30th, 1892], asked after "the rest of the girls connected with our Society." Miss V. made a statement about one of these other members, giving her name, and soon afterwards asked if he remembered the names of the others in the club. G. P. asked after "May . . ." [My sister Mabel sometimes called May. In this place George wrote May followed by last name we could not read. Some scribbles, one of which was dotted, may have been meant for Davis, the correct name. Later on (after Miss Vance mentioned this name.—R. H.) when George said he had already written it, he turned back to this page and wrote above the two names, "It is there."—H. V.] Miss Vance repeated later her question about the other lady member of the club, and asked also to be told about "a girl we both know who liked you and you liked her very much." As interpreted, "Alice" was written. [Incorrect.—H. V.] Later G. P. asked after Nell. [No "Nell" I know of.—H. V.] Some time afterwards Miss Vance mentions the name, apparently, of this third lady member [Louie —] of the club in answer to G. P.'s question,— "Now, whom do you have to correct your writings?" [We all corrected each other's papers in turn.—H. V.],—"But do they give satisfaction? (Yes). What, in their corrections! [Miss Vance did not at first understand. Reporter explains.] (Yes, but not as much as you; your corrections were better than theirs). Well, that is what I am trying to get out of you. (In other words, George, you wanted a compliment from me). Oh, bosh, you know me better than that." After references to other matters (among them a question about a pencil which he said he had given Kenneth, who has, however, no recollection of any pencil) he wrote that he had asked half a dozen times about Louie but could not get any answer, and he finally insisted on their turning back to the early sheets of the writing, where he claimed that he had written it. At the time of original writing the word which he now said was Louie was read as Sadie (as it certainly is), but this interpretation was negatived at the time by G. P., and the subject was not pursued then by the sitters. . . .

Eleventh. December 22nd, 1892.

Present : Mr. and Mrs. Howard, R. H., and Reporter, and, part of the time, Katharine and Evelyn.

Phinuit talks with Evelyn, about her health, diet, etc.

G. P., writing, refers to my absence last time : "I followed you on a railway train for some distance and then I thought you were in N. Y. [correct, but of no importance evidentially] but am not sure . . . I would not be too positive, as things look differently to me now from what they did when I was in my material body. (I suppose . . . that you don't see the physical universe directly, but come into relation with our perception of the physical universe ?) Yes, absolutely in a spiritual sense ; in fact it is, and must necessarily be, through the spiritual that I see you, and can follow you, and tell what you are doing from time to time."

See pp. 320-2 for the rest of the account of this sitting.

Twelfth. January 24th, 1893.

Present : Mr. and Mrs. Howard and Reporter, and, part of the time, R. H., Katharine, and Evelyn. Mr. Hodgson comes in after the sitting is begun and leaves before it is finished.

Mrs. Howard places a book on Mrs. Piper's head, just after G. P. has begun to write, and says : "Do you remember that ?"

G. P. : "Oh, yes. It is my French Lyrics." [Correct.] [There is no other contemporary memorandum as to how Mrs. Howard placed the book on Mrs. Piper's head. My own remembrance is that Mrs. Howard came into the room holding the book behind her own back and placed it on Mrs. Piper's head from behind. Mrs. Howard writes at the end of 1897 that her recollection agrees with this. She adds : "I brought it in for a test, and put it so that it could only be perceived by supernormal means." The correct statement may of course have been due to simple thought-transference.—R. H.]

Very little communication from G. P. He says he has not yet found Marte's father [see p. 429], that he had seen Marte himself, that he thought he was out west, Chicago, or some place like it, lecturing. [Correct, but of no special importance, known to Mrs. Howard, and easily ascertained knowledge.—R. H.]

R. H. : Well, George, I want to ask you if you can't do something.

G. P. : "What you want me to do for you I will, and I know what it is . . . you want to do something, and have me tell you what you are doing."

In reply to questions he wrote that he heard me say so to Jim ; "heard it distinctly." I replied that he "heard my thought," (I had not mentioned it) and asked if he could tell me more specifically what I was going to ask him to do. "Oh, no, not until you are doing it."

R. H. : Well, George, I want to go away very shortly while you are still here, and I want you to either go yourself or to get Phinuit to go, and if possible tell them here where I am going and what I am doing.

G. P. : "Yes, I will try my best, but it will depend wholly on my seeing your spiritual body, so please send out your spiritual body to me as much as you possibly can while you are doing the trick." . . .

Shortly afterwards I left, and G. P. also stopped writing. Phinuit talked about some articles that were given (two of them presented at previous sittings). Later he said there was a Mr. Osgood there who seemed to know the Howards [correct]. Then came, through Phinuit, Louis [see p. 337], who mentioned Billy Parker, spoke of himself as a painter, asked if it wasn't the room where he had been many a time, asked "Where is Bessie?" Mrs. Parker.] Mrs. Howard brought some brushes. "These are the brushes I gave to you." [Correct.] He said he had been to P h i l d e [Mrs. Howard then said Philadelphia] [Phinuit trying unsuccessfully to pronounce it] and seen his friends there recently. He also asked after his friend Theodore [the first name of an artist friend of Louis].

Phinuit then described a little girl named Grace. "She used to know you years ago. She has reddish hair ; she passed out with diphtheria."

Mrs. Howard : I am sure I don't know. [See *Proceedings*, S.P.R., Vol. VIII., pp. 40-1.]

Mrs. Howard asks several times for the return of G. P., and after an absence of about three quarters of an hour the writing comes, "I have only returned for one minute, and really must go immediately back with Hodgson, or I shall lose it all now. He met my friend Vance, and now I must leave and watch them. *Au revoir*. George P." [Incorrect.]

Almost at the end of the sitting there is a communication apparently having something to do with "Laura Bridgman," the hand gesticulating deaf and dumb characters, and afterwards writing words backwards (not mirror writing). [See pp. 422, 427, 440.]

A sitting had been arranged for Mr. T. B. C. (see p. 472) on January 28th, and I requested Mr. Howard to take the first part of this sitting and report to me what G. P. claimed to have seen me doing. The following is from Mr. Howard's notes made the same day :

He [R. H.] went to Arthur Carey's house and talked with him there [there were several persons present, then or later, I think he said], and R. H. got on a table or some elevated thing, and turned a chair upside down. These things he said he saw.

All this was wrong. Mr. Howard reported that he had a close and intimate conversation about friends, etc. Among the statements was the following :

He said he had seen Mrs. Howard recently doing up some things to send to his mother. "What things could you see?" "Books and pictures." [Correct.]

Thirteenth. January 30th, 1893.

Present : Mr. and Mrs. Howard, R. H., and a gentleman who was introduced to the medium under the name of Smith, also a reporter.

G. P. did not manifest until specially asked for by Mrs. Howard.

Phinuit spoke a little of Mr. Smith's character, and said there was a young man, also apparently an older one, who wished to communicate with him. The latter tried to write a few words, but they were almost entirely illegible, and Phinuit said he would go and try to get George to help him. There were further vain attempts at writing while Phinuit was talking about persons and articles inquired about at previous sittings, and then came some legible writing: "I am glad to see you," and soon after, Phinuit still talking, "Tell her I am living still, Walt W." . . . [On April 25th, 1892, Mrs. Warner had presented a cap which had belonged to Walt Whitman, to whom she was known personally. See p. 324.]

Then came several different writers. A lady wrote a short message to a previous sitter. A friend who had died two or three days before, as was known to us, wrote his name and "I am all right now, adieu." Alice James (sister of Prof. William James) made a brief statement about her brother "Bob," as Robertson James was commonly called by members of his family. All this was accompanied by much violent movement in the hand and arm.

Ph. : What is the matter? I don't know what they are doing with me, any way.

R. H. : Seems to be a regular stream of them now.

Ph. : I can't help it; they say these things, and they will say them, Hodgson. I can't help it.

Then, "I am with you, also, Laura Bridgman." . . . Mrs. Howard then asks for George, and the writing stops and Phinuit complains because Mrs. Howard has "sent that lady out," and there is some discussion in consequence, after which G. P. writes that he does not recognise this gentleman and does not think he is a friend of his, thinks he has met him, but doesn't quite recall him. Asked where he thinks he met him, he writes: "I think with my friend, Marte. Ask him if he remembers me, please tell him who I am. I am George Pelham." Sitter asks if he has been in New York? G. P. asks if he did not meet him once in the club, or reading-room, of his friend, Berwick. Sitter had met a Mr. Berwick, but not for many years. G. P. referred again to the club, also to Marte, asked that his photo should be shown to the sitter and said: "I do not remember you by name, only by face." Sitter said that he had met Marte in New York when there were many others present, whose names he did not know. "I really was there."

[On the morning of this day the gentleman here spoken of as Smith, one of our members living in New York, happened to call at my office. A desirable experiment occurred to me, and I inquired if he knew anything about George Pelham; he replied in the negative, and I requested him to attend the sitting with Mrs. Piper that evening at the house of Mr. Howard. He accompanied me there and I introduced him as Mr. Smith, not giving any information whatever to the Howards. On a previous occasion I had in the same way taken a friend who knew Mr. and Mrs. Pelham, but not George Pelham, and was unknown to Mr. and Mrs. Howard. On that occasion there was no sitting owing to Mrs. Piper's illness, and after it was decided that Mrs. Piper was too ill to sit, I had introduced him by his real name to the Howards, who then learned that he was a personal friend of Mr. and Mrs.

Pelham. I wished to see whether at this sitting, G. P. communicating would claim some personal knowledge of Mr. Smith, or would claim that Mr. Smith was known to his father and mother, as I felt certain that the Howards would infer, from the fact of my taking Mr. Smith to their house under the circumstances, that he had some special relation to G. P. I might thus, I thought, obtain some clue as to how far the minds of the Howards might affect the communication from G. P. The result was quite different from any anticipations that I had formed.

After seeing G. P.'s photo, the sitter wrote : "The features in the photo do not look unfamiliar, yet they do not serve to assure me of my having previously met Mr. Pelham. While it is entirely possible, or probable even, that I may have done so, I cannot recall any definite memory of such occurrence." But it is not improbable that on the occasion of Mr. Marte's visit (March 1890) to New York to which the sitter referred, G. P. was present at the meeting. Mr. Marte was unable to make any statement as to whether G. P. was present or not. Also the sitter and G. P. were both members of the University Club in New York. This last fact must I think have been known to me, though I did not consciously think of it at the time. I may add that the Berwick referred to in the G. P. writing was a Harvard classmate of G. P., that the Berwick referred to by the sitter was a Yale man ; and that both were members of the University Club. The sitter afterwards recollected further that he had once met Mr. Pelham, Senr., quite casually, also at the University Club.]

 APPENDICES II. AND III.

Unless otherwise specified, or obvious from the record, the accounts given in Appendices II. and III. are of first sittings, which were held at Mrs. Piper's house in Arlington Heights, Mass., and the appointments for which were made by me. I believe that in all these cases the sitters were previously unknown to Mrs. Piper. Their names were never mentioned by myself, and I introduced all sitters by a pseudonym, usually Smith. Of other first sittings of which I know, held during the period covered by these Appendices, from the end of 1891 to the end of 1895, there are not more than six that can be classed as complete failures.—R. H.

 APPENDIX II.

The following accounts are of first sittings held during the period November, 1891–February, 1893.

November 6th, 1891.

Sitter: Miss Cornelia Hartshorn, Providence, R.I. (Associate A.B.S.P.R.). R. H. taking notes. Miss Hartshorn added a few minor points.

Miss Hartshorn wrote on November 7th, 1891, after her return home:—

The result of my sitting with Mrs. Piper becomes more and more interesting, both directly and indirectly. The round silver box had absolutely no associations. It did not "amount to a row of pins," although I supposed it did.

The handkerchief was left at T.'s house at a party, and we do not know to whom it belonged. Janet (Janette) was present, and when she returns next week we will see if it is hers.

"Elsie" is explained. T. thought seriously of sending something belonging to Elsie.

I have made full commentary notes, and will forward all to you as soon as we see Janet, who is engaged after great opposition on the part of parents, but she has not run away. Perhaps you have forgotten what Mrs. Piper said, but I will return your notes as I have copied them.

* * * * *

Miss Hartshorn wrote on January 6th, 1892:—

By this mail I send you your notes, and in another envelope the whole

thing as I wrote it out for myself just after I returned. I have remembered a few trifles that you had not noted.

* * * * *

[The following is the report, with notes by Miss H. I have made a few slight changes, where Miss H. probably misread my scrawly original contemporary notes, and have altered most of the names except her father's in accordance with her request.—R. H.]

Phinuit : You have lots of friends. Middle aged elderly lady friend of yours, not well, she has a very spiritual nature. People don't know how lovely she is. I am very sorry, she is not going to recover, she's going to pass out. . . . She's got a daughter, she's got two, one of them is naturally younger than the other. One of them is with her mother more than the other. One of them goes to and fro to see her mother. The youngest one is going to be very sad.

[Quite correct. Both daughters live at home, but one rooms with the mother. It is the youngest. Lady in very frail health. (Has just been very ill, but is gaining. January 6th, 1892). [“She died in the spring of 1894.” From letter by Miss H., July 12th, 1896.]

[Ring ?] Tillen, Tillien, Tillie [stumbling over sound of Till]—very nice person, good traits. Takes care very hard. She mustn't. [Correct. Tillie a great favourite with sitter. Characterised correctly.]

I got your mother's influence very strongly. Don't like her as well as I do you.

Sitter : Is she living ?

Phinuit : No, she's in the spirit.

Wait a minute. There's Tillie's mother. There's a cousin of yours Tillie's mother is your own cousin. (That's a fact). That makes Tillie your second cousin. [Relationship correct]. You know I get a boy's influence. He makes me very nervous.

Sitter : What boy is that ?

Phinuit : Oh, he's a trial. Tillery, Tillie, there's a child in her surroundings. It comes very close to you.

[No child in Tillie's surroundings.]

It's a boy, very nervous temperament, very positive.

Sitter : Are you sure it's a boy ?

Phinuit : Well, he looks like a boy, he's got his hair short any way.

Hullo, here's Marie—M-a-r-y. That's connected with her too. She's living.

Lou, Louis, Louie, L o u i e. Well, I don't know whether it's a girl or a boy. It's Louie any way.

[No clue to any of this.]

You tell her there's some severe trouble with somebody's eyes in connection with that. They told me that afterwards.

[Sitter gives ring].

Phinuit : Person connected with this that's passed out of the body. [Correct.]

I get the name of Sarah.

Sitter : No.

Phinuit : There's a lady by that name connected with you. Hadn't you an aunt of that name ?

Sitter : No—yes I did, uncle's wife, I had forgotten. [I never saw this aunt.]

Phinuit : There are two influences with this. Another lady wore it and then you wore it. [Correct.] And I get your mother's influence strongly. [Mother not connected with it in any way.]

Also I get a sister here.

Sitter : A sister ?

Phinuit : Not your sister, your mother and her sister. [Mother had no own sister, only sisters-in-law—all dead.]

Sitter : Is she in the body or not ?

Phinuit : Yes. An aunt by marriage in the spirit and she is very cranky. [Easily applies to two aunts.]

Former owner [of ring] is in spirit, and it passed from her to you. [Correct.]

What's the matter with your mother's foot ? [Sitter afterwards recalled dropsical affection of feet, necessitating bandaging.]

Sitter : I don't know, do you mean now ?

Phinuit : Yes. (In the spirit world ?) Yes. She's holding up her foot.

[Sitter gives square silver box.]

Phinuit : Do you know who Emily is ?

Sitter : I know several Emilys.

Phinuit : There's somebody connected with this (box) that's had some trouble with the ear, a little deaf. [Box belonged to an uncle, afterwards to mother, who became somewhat deaf from age.]

Now I get Louie clear. (Not with the box). o; t comes clear now, Louie's in the body. [No Louie known.]

That [box] was found, the material of it. [Source of box unknown.]

Sitter : How did I come to get it ?

Phinuit : That was passed to you for me to try. [Wrong.]

There's a gentleman's influence comes from that in the body. [Wrong.] There's a gentleman's influence upon that, that's passed out of the body. That's the father's influence. [Wrong.]

Two persons that owned this are now in the spirit. [Correct, but not connected with father.]

Sometimes I get mixed up, but I get the name of Charles. That's one of the names in connection with one of the persons who owned this.

Sitter : No, try again.

Phinuit : I think it's a second name. [Wrong.]

Sitter : What did they use it for ?

Phinuit : I see some square things, stamps like.

Sitter : Well, I just took some stamps out, but what was [it] used for before ?

Phinuit : He used to carry little round things in that, things to eat you know. Cowchoose [as pronounced].

[Sitter could not for several hours remember what she had been told her uncle kept in the box, finally recollected it was camomile flowers to chew.]

Sitter : Cachous ?

Phinuit : That's what I was trying to get at when I got Charles. How would you like to have people say ch, ch, ch to you, and you thought they were giving you a name ? That's what you blame me for, Hodgson.

Do you know anyone named Jennie ?

[Sitter knows several Jennies, intimate with none.]

Sitter : Yes.

Phinuit : Well, Jennie doesn't have much to do with you.

[Dr. Hodgson asks about Jennie.]

Phinuit : Jennie be hanged . . . That [box] comes in connection with this lady. It has her uncle's influence upon it. [Correct.]

[Concerning first ring.] Belonged to a very dear friend of yours in the spirit. Not a relative. (That's right.) [Correct.]

[Sitter gives bracelet.]

Phinuit : Uncle John. I want to get it over that way. [Inside of bracelet on head.]

I get your uncle's influence still. This takes me with it. This was got across the country. This was given to a lady who had some trouble with her throat. This was made to order. It came through a lady's influence to you in the body. Lady in spirit to whom it belonged received it from her uncle. Name Willie comes in connection with it. Susie connected with it. Lady who owns it now is in some trouble.

[Sitter knew nothing of bracelet. It was lent to her by Tillie. No John about it. It was brought from Africa, made to order, and sent by an African prince to sender's family. Details of transmission unknown.]

You've got an Uncle William. (In the body or not ?) In the spirit. [Correct.]

[Sitter gives round silver box.]

Phinuit : A gentleman gave this to a young lady who is now in the body. For sweet things, little peppermint things like. I can't tell you so much about that, because I don't get any influence with that.

[Bon-bon box given by a lady to a lady, both living. No especial association. Sitter knew nothing about box, but supposed it had associations.]

[Sitter gives ear-ring.]

Phinuit : That belonged to elderly lady who passed out of the body. Elizabeth and Aunt Martha connected with it. The place where that was bought is burst up long ago. Aunt Caroline connected with it. Sarah wore it originally.

[Sitter knew nothing of ear-ring. Finds out afterwards it belonged to owner of the finger-ring she first presented. No names are right.]

Lady in the body owns this [correct]; this was kept in a little case with a lot of other things, a sort of keepsake, [correct]. People now surrounded with this had a great deal of means, financially, they lost it principally, [correct] they had something to do with something like mines [not mines, however]. The loss of money was connected with the death of a relative. [Correct.] [All this happened so long ago sitter had almost forgotten it.]

Liza connected with ring. [Wrong.]

Don't you know your Uncle William ?

Sitter : Yes, of course I do.

Phinuit : Well, I'm talking to you. He's very much surprised to see you here.

Give me the ring your mother gave you.

Sitter : I haven't any.

Phinuit : Well, there's one in the family that belonged to your mother.

[Wrong.]

[Feels sitter's rings.] There's no association with any of them. [Correct.]

[Sitter gives a handkerchief.]

Phinuit [putting handkerchief on head, much interested.] I like this. There was a young girl in connection with this that ran away, married against her parents' wishes. Looks to me like a Christmas present. Came with a toilet set. I get the name of Janette, Alice, Elsie. He——no, I won't tell you that.

[Sitter knew nothing of handkerchief given to her by Tillie. When it was returned to Tillie before any details of sitting have been mentioned, sitter said "Phinuit liked this handkerchief." Tillie said "I hesitated whether to give you this handkerchief of which I know nothing, as it was left at my house at a party, or to give you a ring belonging originally to Elsie. I took them both out of the drawer, and finally decided on the handkerchief."]

Dr. H. : Yes, tell us.

Phinuit : No, it is too sad. Elsie had a child and lost it.

[Elsie died at the birth of a child, who lived, though she had previously lost one ; her husband was nearly insane at the time from grief. Elsie had the ring on when she died, and her husband gave it to Tillie. Sitter did not know Elsie, and did not know Tillie had such a ring.]

There's a young fellow named Arthur in the surroundings who's very clever. The person who gave you that is very eccentric, likes to read, the person who takes care very hard. She had a lot of school friends. Ran away ; that is she left her home and married.

[Janet was at the party, but the handkerchief was not hers, and as yet no owner has been found. She was the only Janet there, and has not married.]

Elsie comes from different surroundings.

Tillie, Tilie. (Way you spell it, double l). Tell her not to be so nervous. She went away a while ago, and that did her a lot of good. She's going away again before a great while, tell her I said so. Tell her she mustn't take things so hard. Gentleman's influence in her surroundings makes her nervous. He is poky.

[Tillie is very quick, and her husband is slow. This amuses the family vastly.]

Do you know who Robert is ? He is an elderly gentleman in the spirit who knows you. He wants to sent his love to you. Grandfather's influence. [Correct.]

Sitter : Grandfather ?

Phinuit : Yes, I don't think you know him very well. He passed out of the body before you were born. [Correct.]

Do you know Kittie ?

Sitter : No, I think not. [After the sitting, sitter remembered a child friend Kitty who died many years ago.]

Phinuit : You may find Kittie in connection with this [handkerchief].

[MSS. given.]

Phinuit : That's nothing but a notebook.

Sitter : What influence is upon it ?

Phinuit : I get very strongly the name of Thomas. There's something written there by him. He recognises it, and he's in spirit. That's your father's influence. He says he is your father. [Correct.]

This lady had an Uncle William. He's in spirit, and he had something the matter with his heart. There was pressure here, crowded on the heart, don't you know ? [Cause of death forgotten.]

[Phinuit handles the articles again.]

[First ring.] From a dear friend. [Correct.]

[Square box.] Her uncle's. [Correct.]

[Round box.] Another lady gave her that. That don't amount to a row of pins. [Correct.]

March 7th, 1892.

Sitter : Miss Gertrude E. Macleod, Cambridge, Mass.

The following report was received early in 1893, probably in February, and I knew nothing about the sitting until shortly before I received the report. The sitter, Miss Macleod, died in August, 1894. She was not a member of the Society at the time of the sitting. Her sister, the Mabel referred to in the sitting, has given us the following further information. The sitting was arranged "for a friend of his" by the Rev. M. J. Savage [who remembers making the appointment], and Miss Macleod went as an entire stranger to Mrs. Piper. The Etta referred to in the sitting was Miss Macleod's sister, who died on December 21st, 1891, at the age of twenty-four. Miss Macleod asked Etta what Mrs. Putnam, a friend, and Mabel were doing at the time, as a test, and first mentioned their names. The Albert was Albert Braid, not a relative, who died about the end of November, 1886, at the age of six ; Susie was the name of his mother. Agnes and Annie were friends,—Annie Mary not known to Miss Mabel. Frank and Georgie were deceased brothers. Georgie died in 1876, at the age of thirteen. Miss Macleod never crossed any large body of water, and did not "have many books behind her."

Copy of notes made immediately after a sitting with Mrs. Piper on Monday, March 7th, 1892.

At 12.15 o'clock.—Mrs. Putnam writing in her room. A lady was there at first who was not there when Etta came away. [I asked if Mrs. Putnam wrote with a pen or a pencil, and Phinuit said "a pencil." Mrs. Putnam wrote a letter with a pen, and her landlady, whom Etta had never seen, was there for a little while, but Mrs. Putnam thought she was not there just at that time.]

At 12.45.—Mabel walking in a large building. She arranged her hair a little and brushed herself. [Mabel was at Fay House at that time, but did not remember doing the other things.]

Some picture to be turned round in our house ; Annie's picture or a picture of a girl with a pail. [He was very angry because I could not think of the right picture. No picture was turned around.]

David will die soon. [David is still living, but is now very ill.]

Annie Mary has turned her ankle. [Not true.]

Albert wants his mother to go to Wilton, and will go with her. [I mentioned Albert first, but Phinuit talked about Wilton himself. Wilton is a place in New Hampshire, where Albert went once with his mother.]

Agnes will be ill. [For the first time since early childhood Agnes was ill for a week in the fall of 1892.]

Susie.—[I did not understand about Susie, but Phinuit may have meant Albert's mother.]

[More notes on this sitting written on March 9th.] Phinuit said that I could write for Etta. [This was after saying that I could be a medium.] Albert could come to his mother if she would let him.

I had many books behind me, and should cross the water soon, after writing much more than ordinarily.

Cousin Mattie wanted to know where David was.

Something which I did not understand about Fred, Henry, and Edward, and Marion. [I do not know what Marion.]

Etta said that the last thing she saw was mother's face until she became conscious in a room and saw her body lying under something white. [This is really the only thing which had already happened, and which I did not know until after the sitting. I always thought that Etta's eyes were closed while mother held her in a sitting posture to aid her breathing, and that she fell back without opening them. But when I told mother what Phinuit said, she said at once, "Why, yes, did you not know that? Etta was looking right into my face when the light went out of her eyes."]

Phinuit decided, after some hesitation, that Etta's hair was gold coloured, and very light. [True.]

He said Frank was a little fellow, and did not seem to know Gertie as well as Georgie. [I had not mentioned Frank, nor indeed anyone but Albert, and Frank died at six months old, before I was born.]

Georgie had lung trouble which made Phinuit cough, but Etta had stomach trouble, and that Etta did not like some broth which we gave her. [Georgie died of quick consumption. If Mrs. Piper had asked any person in Cambridge what caused Etta's death she would have learned that she had a heart trouble. But what Phinuit said is just what Etta would have said if someone had asked her the day she died. She did not in the least know that her heart had anything to do with her distress, and called it her stomach. Still it seems more like something from the things she knew before leaving her body than like what she would have said if she had been around and heard us talking afterward. And about the broth which she did not like—there was a kind of medicine which she hated and finally refused to take.]

Albert is afraid his mother will never get over the loss of him. He wishes she would not grieve so much, but would go to Wilton.

Georgie and Etta and Frankie are all altogether and happy, and not very far away. "What we want you to know is that we are alive." Phinuit said that Etta was so eager that it seemed as if she would tear him to pieces.

This is the end of my notes, but I remember a few more things which may explain some of them better. When Phinuit spoke of Mattie he said: "Your cousin Mattie is here, and wants to know where David is." David is her father. Phinuit explained that David and Mary and my father were brothers and sister, which is true.

He spelled several of the names, and could not pronounce them until I told him how.

When he said Etta was there he said, "There is a very pretty lady who wishes to speak to you. I am trying to get her name. She is telling me her name, Ada, Edda, how do you say that name?" I thought that was near enough, and told him.

He spelled Gertie, and said "Who is Gertie?" and seemed surprised at its being I. If Mrs. Piper had been doing it she would have called me Gertrude, as nobody calls me Gertie of late years. Only Etta used to call me Gertie occasionally for fun.

In speaking of my sisters and me he said, "There are three of you, one, two, three!" This was rather odd, because we had a little joke about there being "one, two, three" of us, about which Etta was very much amused. [It is, however, not uncommon for Phinuit to count up in this way when trying to give the number in a family.—R. H.]

In telling the colour of Etta's hair he said at first that it was darker than mine. Then Mrs. Piper put her hand on my head, saying, "Let me see what colour your hair is. Why it is dark. I thought it was light. My friends say that I make mistakes about colours. Is there gold colour? Her hair is that colour." Her hair was really very golden.

GERTRUDE E. MACLEOD.

Miss Macleod added, on March 27th, 1893:

"My uncle David, whose death Mrs. Piper predicted at the sitting which I had with her on the seventh of March, 1892, died at Chicago on last Tuesday, the twenty-first of March. As far as I know, his health was perfectly good at the time of the sitting."

March 10th, 1892.

Sitter: W. L. Parker (Associate A.B.S.P.R.). [R. H. taking notes.]
[The words in large capitals were *spelt*.]

[Mixed and unimportant at first, until]

(I want to speak to a friend who used this [giving cheque-book])

Hodgson, that reminds me of Dr. L. [Books were placed in Phinuit's hands in experiments in connection with Dr. L.]

1. Here comes a spirit who's got rheumatism. He passed out with trouble round here [pointing exactly to region of liver, and pressing hard and

pounding on that spot.] [My friend Louis R. [an artist] died February 24th, 1892. Had suffered with rheumatism, and died from cancer of *liver*, which was discovered by an operation in January 1892. The spot touched and pressed hard was almost exactly where the incision was made.]

2. He's a very nice gentleman, but he's older than you are. [Wrong. Age 38 at time of death; mine 44, but he looked much older than he was.] [He was known to me, and I should say that he certainly looked older than Mr. Parker.—R. H.]

[Much turning over of leaves of cheque-book, and feeling with fingers as though seeking for something. Cheque-book held with back to forehead and front part of head. No direct vision of it possible. Finally stops at a particular page with pencil marks.] It's there. He says it's there. (That's it.) [The day before the operation at the hospital, Louis drew his last cheque, and when alone occupied himself in figuring with pencil on the back of the next page the balance and the possible amounts due him from various sources, all of which I found when I received the book later on. This particular spot had more of his personality than any other, and I had made up my mind beforehand that the spirit would stop at that page, but was not prepared to find the finger passed exactly over the balance in bank.]

3. Where's his pocket-book? (Pocket-book? Don't know.) [At the same time I received a pocket-book containing a letter to his wife, and sundry last wishes which he kept near his person until his death. This was handed to his wife and forgotten by me at this time. Hence my answer, but in a moment I remembered.]

W A L C E,— Who's A D W A L C E?— A L A C E? (Not quite.) W A L A S E (A S E?) A C E [apparently Phinuit's attempts at *Alice*. See below.—R. H.]

4. W I L L A M (He says that?) He says that to you. R U B—*Reuben*. [Note that *Reuben* represents, apparently, Phinuit's attempt to catch the words "*you've been*."—R. H.]

Oh! YOU'VE BEEN *boddered* (Troubled?) *About this — Don't . . . William*. W I L L I A M. [My name William.]

5. *Don't worry about this. You're doing right. There's stones and sticks thrown, but let them throw. Don't mind them. Go ahead. I leave it to you.* [Expressions very like those used by Louis in the body.]

(Want something else?)

Where's D A V I S? (What name?) *Roberts*. (What's that other name?) David—Something like Davison. Somebody he knows in the body.

(Give me the name of the spirit?)

His mind's very unsettled. (He hasn't been with you long?)

What about the *b a l k*? (Not quite right) *b u f a l*—It's *b a l-bulf buf b a*—*b a l s n*. (Give you something else of his?) Yes.

6. *Ask Will about it.* [Exactly as I have heard him talk. He was one of the *few* who called me "*Will*," and as I helped him in a business way this very expression was common.]

[*Giving watch and chain*] That's his. W H I T E. Pencil and bunch of keys goes with this. Who's T H O M A S?

He wants to tell Will to take care of the b a l c k (Bank, is he thinking of?) No. That isn't it.

But who's the lady that's deaf? (Ask her if it's my mother-in-law.) She's had a great deal of trouble.

(Give you something else?)

7. Give me all you can. This [ring attached to watch-chain] came from across the water. [Ring was one found in his, "Louis," father's house after his death, and worn by Louis, and later worn by me and offered for sale.] [Gives receipt-book] Father, here with him. Your mother's got a cough. (She used to have a very bad one.) She makes me cough.

[Turning over receipt-book leaves, said, "stop there" two or three times. Nothing special where Phinuit stopped.]

(Tell me about the ring.)

8. Two different influences. That came from across the water. That's got your influence on it [ring]. [I wore it on my watch chain in my pocket for some weeks.] That belonged to him.

Who's Henry? That's the old gentleman in the body. He'll find him at the—where's the office?

(My office?) Yes. *Tell Will he'll go into it.*

Who's B R A D L E Y? (Don't know.) There's a J O—

9. I tell you I hear the name of Louis L O U I S. (That's right. Is that the person talking?) I got it mixed up with the ladies before. [Louis, correct name of owner of the article.]

10. He says, *tell Will it's Louis.* It'll come out all right, but *there's a good deal of fault found with it one way or another.* [Repetition of my name, familiar phrase. I am at present settling his estate, and have had much trouble and many difficulties.]

11. B a l k (Tell him to use the French word for it.) (Bank?) No. (Balance?) That's it.

(Balance in bank to be kept by itself?) Yes. [When very sick at hospital, one day his wife asked him to draw a considerable cheque for her; he replied, "*Ask Will about it.*" "He has got money of mine, and I want to keep the money in the bank as large as I can, and make a good sum for you."] Person—Parson—Pearson.

He's [sitter] going across the water. (I am?) Yes, you are. I see that myself. Trip—not long trip, but you're going across just the same.

Young girl, musical, got a sore throat, in body.

Who is Alice? [Sister of sitter.] That's the one I'm telling you about. She plays and sings —She's going across too. (She's going with me?) Yes.—(I understand.)

(Can Louis tell me anything more?)

Balance.—There's *insrance* (Insurance?) That's got to be replenished. (Renewed?) Yes.

12. [Phinuit then says he will try to write. The name "Louis" is twice written, and on five separate sheets a sentence is written very indistinctly, which, on the second and third sheets, appears to be "Go to the bank and get the railroad bonds."] [Writing small and running, not unlike Louis' own hand.]

Where's the factory? (?) (I don't know.) Go to the *bank* it is. (Why can't he *talk* that?) He's too weak.

You tell Alice about your mother. Tell Alice your mother tells her to take care of her throat.

Bring this book [cheque-book] and he'll help you out of all the difficulties.

[For other references to Louis R., see the two following records, and also p. 337.—R. H.]

March 12th, 1892.

Sitter: Mrs. W. L. Parker, wife of sitter of March 10th. [R. H. taking notes.] [The words in large capitals were *spelt*.]

[To R. H.] How's Will? You tell him I've seen Louis, and he's got a lot of things he wants to say to him.

There's a lady round you that's ill. (Which one? There are several.)

Old or rather middle-aged lady, sick in stomach, internally, sort of form of inflammation—between 60 and 70.—Well developed head, high forehead. Hair originally brown, now mixed with grey.

Who's Gus? (Gusta, Augusta?) Augusta—Augustus. It's *Gusta*, G U S T A. Some such name as that. Very nice person indeed. She's not very well.

(Tell me something more about Louis). He talks about the B O W D I T A H—B O W I D T H. (What about them?) He says you know who he means. (Yes, if he has any message I'll give it.) Al—Alfred—He says he wants to see Alfred. Who's Alfred? Somebody he knows anyway. Paper—something to do with a paper, that nobody knows anything about. Old lady with him and his father—elderly gentleman, high forehead, large nose, curious mouth, curious chin. . . .

[Soon after the death of a friend of "Will's" and mine, named Louis R.—, I had this sitting with Mrs. Piper. Augusta was the name of the wife of Louis, and Dr. Bowditch one of his greatest friends.]

(Does he wear a moustache?) No moustache. Medium height.

1. [*Gives letter*.] [Must be assumed to have been within the field of vision of Mrs. Piper. See p. 317, footnote.—R. H.] (That has something to do with Louis). That's an awful funny name he's giving me. He says he told Will about Henry in the body, and he was confused about the person. AL—Al—Alfred. Sounds like Alfred, anyway. You're a nice lady, you're a medium. Hodgson, have you had this letter? (No.) This letter was made since Louis passed out. (No.) There's two persons connected with this letter. (Yes.) [The last note I had from Louis. It was in reply to a note I wrote him, and was written on the reverse of my note, in pencil.] Who's the doctor connected with Louis? (Bowditch?) [Seizing fob of sitter's watch]. This came from a long way off. Lady's influence came from that to you when travelling. (What part of it?) This part. [The upper part.] This [lower part] gentleman's influence. This [upper part] a lady's.

2. (This is something that belonged to Louis),—[giving book.] Hi! Here's three spirits connected with this book, in the spirit, you understand. (Isn't Louis one?) Yes. Then there's an elderly gentleman and a lady. [Book—an old German Testament, which had belonged for a long time to Louis. I do not know where he got it from.] [Describes lady with hair parted on each side, bluish-grey eyes, pretty mouth, pleasant face, etc.] She smiles to you in the body. (Not in the body). I mean *you* in the body. He calls for William.

[Pause. Feeling round sitter's waist, etc., and pressing on region of liver, etc.]

He says he knows you, Hodgson. He wants to know if you're still fishing for facts. (Yes, I'll be glad for him to help me.) He bows his head and says he will. [Book.] This was Louis' father's. That was handed down to him.

You're going away. (Am I?) Yes. He tells me Will's going across the water. (Am I going with him?) There's two of you going. I get the name again of Alice. Somebody says she must take good care of her throat.

(Tell Louis to give me messages for William.) Doctor—Will. (Dr. and Will). Doctor and Will. They are to see about a house in country. There's something the matter with the pipe. Don't care much about it himself, but thinks it better be known. He's so pleased to see you, but there's a sort of veil, and he can't see you so clearly as he would like. (Can he come to see me?) Yes, he'll come. He can come to you very easily when you sit quiet.

(Ask him if he can remember the name he used to call Will, a sort of nickname—German?) Ho! He laughs at that. He smiles. (He may! I want that name badly). He's trying to get that for you. (Can you hear it?) I can't get that quite distinctly. [Pause.] Ha! That's very funny.

3. [*Gives knife.*] He says this is the letter [see above] he wrote about the pictures. Ask her if that's so. (Yes, it is). He wrote this about the pictures, that they are good. He says ask her if that's right. I mean *r i g h t n o t w r i t e*. (Yes.) That's for scraping off the edges of something. (Yes.) The edges. He says you'll know. [The letter.] He was ill when he wrote that. (Yes.) [Old clasp knife used in the studio. The letter was about certain pictures to be exhibited.] Who's *bot bote-er*?

4. (Ask again about German name for Will.) Sounds something like *durstan*. (Get another name that's not like that.) (Does it sound as though it began with *auf*?) No there's *man—op—an—appen—(appendustan?) appendust—(appendust?)—appendust*. [Significant, as *Up and Dust* was a joke between Louis and Will, having *Ich habe Durst* as its origin. It was not the word I had in mind.] (Ask him whether the other name isn't written in this letter.)

Hodgson, he's calling for his watch. (Will has it.)

5. *Curlin*.—[Carline?] I never saw another spirit peck at another as he does at me. He's very anxious for you to know that he lives. (Will you try to find out what he's trying to say about Alfred?) Tell Will to see

Alfred, and he'll find out what it means. Tell him to go to the vault and get the cheque. No matter what anybody says, he's to do it. He can call Alfred as witness or something.

6. Where is the last picture I was going to have put up? Scene. (Scene? Landscape? Paysage?) Oui, oui, merci. (In my room?) Yes. Have it varnished. Scrape a spot off the lower corner of the big picture. Take this [knife] and scrape it off. He'd like you to keep that. (The big one?) Yes, the big one. There's one without frame. Keep it for yourself, but scrape off that spot in the lower corner. [Curious, as I had had the custody of Louis' pictures from the time he was taken very ill.]

Who's *Heelen*? . . . Something to do with the picture.

[Book] That's what you call a bible. (Ask him if he remembers painting it once?) He did that to keep it, you know, to keep it. The lady that's with him looks something like you. (Isn't she darker than I am?) She looks something like you, a little bit. Who's *Mllen*—ll? Two l's in it. And there's a spirit named Sarah here, a young woman, and she had a trouble here [left jaw]. (Bad trouble?) Yes, it took her out of the body.

7. She has a young lady with her named Annie, who passed out with trouble here [stomach] something like peritonitis. [Location of trouble incorrect.]

8. (Does she know anything about this?) [handing *ring*.] Oh! That's this. How did she forward it so quickly? Wear. She used to wear it there. [Left hand, third finger.] [Correct about the ring in every respect.] Who's *Lou-Lou*— (Louie?) Louie. (Man or woman?) Louie—*Louis* is all right, I've met him. Now I hear that funny name again—Uppendust. [See above.—R. H.]

9. Where's her mother's [gives *needle-case*]. [Needle-case belonged to Annie's mother.] Where's the old chest? She's got an old chest in the body, a sort of trunk. It's got a little lace thing here [pointing] in it. Here's Louis again. (Ask Louis if he's got any message for his wife.) Who's *Marie*—friend of Annie's who owns the ring.

10. I get the name Elizabeth. Elizabeth owns this [the *needle-case*].

[To R. H.] (What name was mentioned early in the sitting?) [R. H. says *Gusta*.] *Augusta*'s in the body. *Aunt Elizabeth* in the spirit owns this. She passed out of the body with trouble in the stomach. She says you're a good girl, a good girl. That brings me very close to this case. Black lace thing she used to wear round her neck. You know she wants you to bring it. [Correct. She always called me her *good girl*, and we used to have much fun about the name.]

11. Annie sends her love to you.— I N S — She wants you to have her pictures. She wants you to look after them. (Yes.)

[The Phinuit personality then seemed to lose control of Mrs. Piper's hand, and the hand wrote: "I am Annie D— [correctly given]—I am not dead—I am not dead but living—I am not dead— — world—Good-bye. I am Annie D—."] [Name correctly given.] [Mrs. W. L. P.] [See p. 291.]

Good girl, good girl.

March 25th, 1892.

Sitter: W. L. Parker. (Second sitting. See March 10th, 1892, p. 449.) [R. H. taking notes.] [The words in large capitals were *spelt*.]

[Nothing given, only holding hands.]

That's Will. You're a good fellow, happy-go-lucky, jolly, genial kind of a chap.

Hodgson, you and Will are both good fellows. You haven't grown old since I saw you. There's a lady coming here. (Who is she? Describe her, or tell me her name.) She's getting hold of me. She's getting my hand. She's gesturing to me. [Much moving of hand, and finally demand for pencil and paper.]

[Writes.] "Good-day, Will—Billie, I am glad to see you. You look quite natural." (2) "I am so glad and happy, do think of as not dead." (3) "You will know me. I am Annie D——." [Evidently intended for D——, though not very plain.] (4) "If you will will paint for your sdio." [Studio?] (5) "Go to Lewis' studio." (6) "And look after everything. Good bye, Billy.—Annie."

Who's A U N T E L I Z A B E T H? (Aunt Elizabeth.) I called her your mother before. I made a mistake. She wants you to read my M E S S A G E S, and see if you can C O M P R E H E N D them. (Shall I give you some articles?) Have you got anything belonging to her? She's gone and brought an elderly gentleman.

Who's Dustanuppan? Uppendustan. He's so glad to see you. I saw you in the S T U D A O (studio?) cleaning up the things, tidying them up.

[Giving watch and chain] (Was this watch yours?) That's mine. L E W Lewis. He's here, and he's very fond of you.

The picture that isn't finished may be left as it is. He says you'll understand that, but it's all like Greek to me. (Left where it is?) Yes.

I had a cheque-book, you know. Who's B I L L I E? (Billy's got the cheque-book at the office). Well, he wants you to keep it. Who's Alfred? (He talked about that before. I can't find out who he is.) Well, I'll try and explain about that after. . . .

Elizabeth. Who's B O W D I T C H? (Bowditch?) You didn't bring anything belonging to Annie. That's too bad. Elizabeth, mother. One aunt, one cousin. Alice connected with them. (With them or with me?) With both.

1. [Giving lace barbe with pin.] (What is this you have got in your hand?) *A tie*. Mary. That's connected with this. [My sister Mary wore this barbe until near her death, nearly five years before this time. It was put away and never worn, but given to my wife two years ago. Never been worn since.]

2. Awful glad to see you, Willie. [Very characteristic expression of the same, and she always called me "Willie." It is curious that while Miss D—— spoke of me as "Billy" and Louis as "Will," they, as well as my sister, used the same expression that each used in the body.] I tell you, Willie, I've only discarded the flesh. I suffered a good deal that you didn't

realise. I'm better now, and wakened to find out all is right. (Where did you suffer?) Here. . . . [Description of locality of pain.]

I think Alice had this. It seems to me I saw her have it. She put it away in a little box. She took it out and gave it to you. (Well, not exactly, doctor.)

(Where was the most pain?) Here [touching same spot again]. (Where was the principal pain?) What is P A T I E N C E? (Patience.) Do you think the same of me as before? (Tell Mary to tell where was the trouble she passed out of the body with.) She'll tell you directly.

3. [Giving ear-rings.] (What's this?) [Puts up to left ear.] That's cancerous—cancer. . . . [Description of locality of pain.] Opiates at the last. She thinks she passed out in the evening, dusk.—(Between daylight and dark?) dusk, early evening. She wants you to know that she's free from pain now, &c. [Ear-ring worn only by my sister. . . . (Verification of Phinuit's description of locality of pain, with cancer.) Suffered very much, and opiates were used very freely, but died shortly after midnight.]

4. Alice has been very good to preserve things in my memory. [Alice, name of my living sister.]

5. [Sealed package.] Oh, that brings the gentleman. That's one of his books. (Now, I want to talk to him seriously. Will you ask him if this is one of his own books, or whether it belongs to the outside library). [Pause.] No. That's his. That's mine, he says. Tell Uppendust that's mine. [This was a test question, a valuable book that I do not know about, if private property, or belonging to a musical library now for sale, and this question was put to see if so important a fact could be obtained, with no result.] Who's Woffen, Waffen? That's some kind of German lingo.

[Handing watch and chain]. That's his. (What does he want me to do with it?) He wants you to put it with the rest. [My impression is that this referred to the sealed package.—R. H.] He got this from across the water. He had another book his father gave him. This came from across the water. Where's the poems There's some MSS. that's written there. What have you done with it sent them to his relatives.) Who's mother? That's hers. That's got the mother's influence about it. Who's Mers—Mers—Merric? Poems—There's some MSS. Partly written. (What am I to do with this?)

Send this home H O M E. (Where is home?) 1 2 3 4 5 6 7. Every place is home to me. Give me watch. How is everything in Newark? (I've got the money.) All collected. Good on your head. (That sounds like him.) Who's Frank? (Yes?) He's in the body, and he wants something to do with him. He wants him to call round. Who's *marriking*—something he's trying to remember. I knew all would be settled well. I think on the whole I'll leave this to you. You do with it what you like. C L L. Hyston—something. Who is it's got the funny finger? [Feels right thumb.] He's an artist. You'll call it.

Boter—B. . . .—B O T H E R—That's what I tried to get before. I can't get it. Name of some person in the body.

Newark. Place where he had some dealings, place where he had collections to be made.

[Talk about Phinuit's understanding English, French, etc.—purgatory, hell, etc.]

Mary, pain in internal body, *in the womb*. [*Gives tie.*] Your sister Mary is back here again. She wants to ask if sister Alice always understood me. I may have been irritable sometimes,—but I had pain, etc. (Yes, well, we used to differ somewhat.) Well, this was coming on years before, you know. On the religious topic we never agreed. (No, that we didn't.) I was a little prejudiced, a little agnostic, you know. [Long quotation of Mary's remarks here about things in general.] (What do you call that in French?) [R. H. says what is it? Answer to R. H. by sitter: Barbe.] Fichu. Barbe. [Fichu was mentioned by a previous sitter.] [The previous note was a contemporary note made by me, as I recalled that Mrs. W. L. P., the wife of the sitter, had mentioned the word *fichu* in connection with the "black lace thing" referred to by Phinuit towards the close of her sitting.—R. H.]

What's H U R S T, Huston. (Hospital?) H U S T I P A L. I don't hear it quite distinctly. . . .

I want you to tell Alice that in my—is that a German chest—*trunk*,—there's that old black dress of mine. It's there with a lot of other things. Sometime when you come, fish out some of those things, and bring them with you. That's your mother. The lady. (That came with Mary?) Yes.

* * * * *

6. You're well. You've got no kidney trouble. Sometimes a little trouble there—[ear]—a little liver trouble and sometimes a little indigestion.

(Well, I used to be sick once.) Well, you've outgrown that. You're not going to be sick much to speak of. You may have a little rheumatic pain.

(Where was my trouble?) [Tries stomach, back of head, etc., and finally stops on stomach and says]: Flatulency principally, but of no importance. There's no special organic disease. [And details all the organs one by one.] Two Marys connected with you, one is a mother and one is a sister. She just came back to whisper that. [Wrong about the "ear." Balance correct.]

Who's P A ?—Purly—Purly—P A R C K—P A R C K—let me hear that again—P A R K. . . .

March 30th, 1892.

Sitter: Mr. Vance [pseudonym], (Associate A.B.S.P.R.), R. H. taking notes. [The words in large capitals were spelt.]

[Phinuit began by saying that George wanted to tell me something.—R. H.]

[Writing.] Pelham, Father—George, George Pelham, Father, Pelham. Tell to Father I want to see him—I have some things to say to him, private.

[Phinuit gives messages from G. P. to R. H.] I want to tell you where I am, and what I'm doing, and what this life consists of. . . .

He says [*i.e.* George says to sitter] "How is *your* son? I want to see him some time." (Where did he know my son?) In studies, in college [This is correct. I have a son who was class mate of George.]

(Where did George stay with us?) That gentleman's got a lady here, a lady in spirit. That isn't George that's talking—wait a minute. Who's Mamie, Mary? There's an elderly lady around you in body, not very well. Sister, a little bit cranky, passed out many years ago.

[Reference to previous sitting.] . . .

Young man in spirit belongs to you. Passed out when very young. A girl also. There are three of them. A lady and two children. I get the father's and mother's influence. What are you doing? You are . . .

Country. Peculiar house, trees around, porch that projects at the front. (Who is this talking, George Pelham?) He was here talking a minute ago and told me this. *Vine at the side. Porch at the front, and swing on the other side.*

Pazza—What is that, Hodgson? (Piazza?) No, a sort of landing.

[This is a correct answer to the question, "Where did George stay with us?" My country house has projecting porch in front and vine at side; the porch is especially prominent; the swing had been removed before the visit alluded to; but George might have seen it on some earlier visit.]

* * * * *

Mary.—I want to speak to you particularly. You look familiar to me, but you've grown older. (We all do that.) Haven't you got something belonging to her? (I have something associated with her.) Well, give it to me, quick. Who's Doctor Bowditch? W o d . . . Elwood—connected with this gentleman in the body.

[Gives paper A.] [Must be assumed that it came within the field of vision of Mrs. Piper. See p. 317, footnote.—R. H.] Ellis—Woodbury—No, I'll get that directly. Aunt, mother's sister. C H A R L E S connected with this [paper]. Mary connected with this gentleman in early life many years ago. *Cousin* (Mary, is that right? Are you a cousin?) No, she's got a cousin of yours with her. Did Mary put that there? (Yes.) This has been written a long time. [It was written 18 years ago.]

She is his lady. (Do you mean his wife?) Yes. Speak to her.

(Well, I know a Mary, but—) He's her *brother*. [Correct].

(Do you recollect under what circumstances you wrote what is on that paper?)

Katherine in the body is connected in some way with this [*i.e.* a previous recent sitter who was called Katherine at sitting.]

Have you been well? (Yes, fairly well.) Well, you've had a loss of vitality. . . . Have you got anything else of hers? (No.) Got something of your mother's? (Yes.) E L L E N Ellen—and she's in the body still. You don't recall that, do you? (No.) Ellen had trouble here. . . . Mary had trouble here. . . . Who's *Craigie*—C R A I G E. Something about the Doctor here. She thinks she wasn't feeling well when she wrote that. Long distance away—across water this letter was written (No) as she came home. [The sister had come from South America, *via* England, shortly before she wrote what was on the paper.]

(She wrote that at some one's request. At whose request did she write that?)

It's awful little to go by, isn't it Hodgson? (Yes.) I'll do the best I can for you.

There's some disposition of something here. Who is it they're calling Doctor? Ask the Doctor about this.

It looks more like a little verse than anything else. (Yes.) [It was a short verse from the Bible.]

Do you know there's two Marys connected with this. Two Marys were in the body. One Mary suggested it and the other Mary wrote it. One is mother, and mother suggested it. [This is strikingly correct, and suggests mind-reading, or something else.]

It's a long time ago, and it's hard for her to remember things so long ago in earth. She was literary—great deal of talent. Writing still in the spirit. She had a poetical turn of mind. [In a general way this is true of my sister. No doubt about her talent.]

Who's Madgie? (I don't know.) Wait, it's Mary—again. That was my mistake. It was for mother's benefit I wrote that. [Correct.]

A L L E N. She's got a friend in the body named Mrs. Allen. [Sister knew a lady of that name, but she was no special friend.]

Any question more to ask? (What was it written *for*?)

What have they done with all my books? (Who says that?) *She* says that. [No significance in question.]

(Was Mary married? Can she tell me that?) *No.* (She was not married?) Who is it that calls Helen? H E L L E N. (This letter has nothing to do with that.) No, but she's a sister. Helen's in the body. The lady I'm talking to *is* married, and had children.

Helen is more closely connected with you. That's yours—your Helen. [I have a living daughter of that name.]

Who is Aunt Ellen? That's mother's mother—as true as you live. (Are there any children with my sister?)

There's two that belongs to her. The little child in spirit belongs to her.

There are two in the spirit with her. [Correct.] (How many has she in this world?)

There's two more— Two in the body and two in the spirit. That's all she remembers. [My sister has three living children.]

There's something to do with singing in connection with that. [This may possibly refer to the vocal powers of sister, who was famous as a private singer; a fact that I was anxious that Phinuit should mention.] She got more from this [bit of envelope] than from the writing.

* * * * *

I want something belongs either to your father or your mother. (Well, here's a letter of my mother.) [Must be assumed that it came within the field of vision of Mrs. Piper. See p. 317, footnote.—R. H.] There's somebody connected with you named Wood. Can you recall a relative of your mother that married a Wood? (No, I don't think I can). Wood.—It sounds very much like it. Who's H u? H O W A R D? That's where I got the Wood. It's *Howard*. [These names, which had no significance for Mr. Vance, are the names actually mentioned at the sitting, and have no relevance to the friends of G. P. whom I have called Howard.—R. H.]

Cancer, cough, and rheumatism. There's a relative of this gentleman's mother who passed out with a cancer.

That's an aunt of his mother's. She had a son whose name is Howard.

S N M I — sounds something like *Stevens*—S N M I S O N—I can't get that.

It's connected with this letter. [The letter was written in 1856 and contains much about a Mrs. Sherman. I had not read it, and had no idea what was in it.]

Recently he [the sitter] hasn't lost any friends.

(I'll give you a watch. It was worn by a friend. I've worn it for some time, but a friend wore it for a great many years) H O W E L S — D A V I D S O N. (Who are these?) This belonged first to an elderly gentleman, than a younger man had it.

This came from across the water. (Was its owner any relative of mine?)

Gentleman connected with this used to write. [All wrong about the owner of the watch.]

Clergyman—man who used to lecture. That's where I get the cousin's influence. (Where?) On this watch—cousin and an uncle. Give me the letter again. There's a gentleman here in spirit looks like you. Looks like enough to be his son. *Old* gentleman who formerly owned this. That's where the name Will comes in. . . .

Mr. Vance adds :—

I have noted the points of significance in this sitting. Most of Phinuit's deliverances were wide of the mark, and had the appearance of guessing, with perhaps some dream-like source of information as a starting-point. His best hit was striking. The verse referred to was written by my sister at my mother's request shortly before her death; it was given to me with a special motive, and has been kept under lock and key until it was taken to Mrs Piper.

April 28th, 1892.

Sitter: Professor J. M. Peirce. R. H. taking notes.

Several days previously (I believe on April 23rd) Professor Peirce accompanied me to Mrs. Piper for a sitting, but she was unable to go into trance. This sitting of April 28th was a failure as regards the sitter, but is noteworthy as having led to the incident in connection with George Pelham which I have described on p. 305. The sitter's explanation of the giving of his name in Mrs. Piper's whisper was (quite naturally from his point of view) that Mrs. Piper had got to know it by ordinary means. And as Professor Peirce is well known in Boston and had moreover been seen by Mrs. Piper several days previously, when she failed to go into trance, his explanation was, of course, the rational one for him, though, as the reader is aware, I have no doubt myself that it was Mrs. Piper's "subliminal" that whispered the name Peirce, whether at the instigation of "George Pelham" or not. The following is a general statement by Professor Peirce himself.

472, Broadway, Corner of Prescott Street, Cambridge,

May 1st, 1892.

MY DEAR HODGSON,—I return the notes of my sitting with Mrs. Piper, after having filled in some passages from my memory. I am sure of the essential (and generally almost of the literal) correctness of my additions ; but in one or two cases I am not quite certain of their *place*.

It is, of course, still true that much was said, especially while you were out of the room, which is unrepresented in the notes, but I think nothing of real importance. At any rate, I am unable to amend the notes further without danger of error.

Would it not be well to mark the place at which you were recalled and came back ? Mrs. Piper said something like : “Hodgson, come, tell the gentleman what to say.”

You asked for my comment on the sitting. I find it difficult to convey the impression left on my mind,—there was so strange a mixture of truth and error,—some correct knowledge of a few facts, on the one hand, and a complete failure to indicate personality, or even to identify the spirits alleged to be present on the other. I am still in doubt about all but my mother, as to who was meant.

Of the names mentioned, the greater number are names of persons known to me and closely connected with me. But some of these were strangely confused, and nearly all were left in the air, as it were, without any indication of the persons whom they designated. Two of them appeared to be wrongly applied at first, but were afterwards, in obedience, as it seemed to me, to indications conveyed automatically by me by intonation of voice or otherwise, used differently. Some of the names wholly unknown to me. Names could not be given in several important cases. Nearly all the names given are very common ones. There seemed to me to be only one striking case in the use of names. The name of Rogers, an unusual first name, was spoken distinctly, and without any of the gradual process of formation which is commonly employed by this medium. This is a name of marked significance to me, and was rightly closely associated with my mother. It is, of course, also a name which might easily be ascertained by enquiry to have interest for me ; while it would be less obviously a part of common knowledge concerning me than my father's name, for example, or other more public matters.

Of the matters of fact and other things which make up the substance of the interview, less success is to be predicated. One or two points were correctly stated, or indicated. The greater number, including all those on which special stress was laid, are utterly without meaning for me. They are simply mistakes.

In regard to the indefinable, unreasoned impression made by the interview,—a point to which I am forced to attribute much importance in the case of some of my friends who have visited Mrs. Piper,—I must say that I received none that tends to strengthen the theory of a communication with the departed. No personal trait, no familiar and private sign, no reminiscence of old affection, no characteristic phrase or mode of feeling or thought, no quality of manner was there, to make the presence of a beloved spirit seem real. I never for one instant felt myself to be speaking with

any one but Mrs. Piper, nor do I perceive any change of voice or personality, beyond what is ordinarily witnessed in skilled impersonation, even where there is no abnormal psychical condition, and constantly shown by persons in the hypnotic trance.

You will understand that I am not undertaking to discuss Mrs. Piper's manifestations in general—I am only trying to transmit to you, as transparently as possible, the view which remains in my mind as the result of my own experience. I think it ought to be remembered as an essential fact, bearing on that experience, that my first visit was entirely without result, and that an interval of several days passed before my second visit. I regret not to have witnessed any of the wonders which are reported of this case. Had I seen them, I should have gladly borne my testimony to them. A real communication with the glorious dead would surely be the greatest conceivable satisfaction to one who cannot be many years separated from the state in which they abide.

* * * * * *

I meant to have added that Phinuit seemed to me to be constantly groping after indications from me to correct and direct his intelligence, and in some cases he seemed to me to be so directed. Whatever the explanation of the phenomena, I believe this process to go on,—a struggle for knowledge to whose issue the sitter contributes.

J. M. PEIRCE.

P.S.—Since writing the foregoing, I have gone over the notes in detail, making a memorandum of successes and failures. I am surprised to see how little is true. Nearly every approach to truth is at once vitiated by erroneous additions or developments.

May 6th, 1892.

Sitters: Dr. and Mrs. L. E. H. New York.

The notes marked with an asterisk are from additional information supplied by Dr. H. in 1897, and are as nearly as possible in Dr. H.'s words. He adds: "It would, I think, be of interest to preface the sitting with the remark that Mrs. Piper was entirely unknown to both of us, and we to her; that Dr. and Mrs. Thaw were the only mutual acquaintances, and that they said nothing to Mrs. P. about us excepting that we were to have a sitting. The large number of little details brought out about the family are extremely interesting, the most marked being those relating to Walter, his death and his friends, and to David,—many of the remarks made by both of these are strictly characteristic. However, nothing appeared in the sitting which could be afterwards confirmed, which was not fully known either to Mrs. H. or myself. All the things here brought out might be explained as simply mind-reading, but a wonderful example of that."

[At the house of Dr. A. B. Thaw, who arranged for the sitting, Mr. A. Dow taking shorthand notes, Mrs. Thaw present at beginning.]

Phinuit : Comment vous portez-vous, Monsieur ? Hodgson ! Where am I ? Where am I ? What's this thing ? [Feeling Dr. H.'s head.] What's this ? What this ? Where is this place ? Where is this place ? Where's Hodgson ? (Dr. H. He's not here.)

Phinuit : I want to know where I am. Oh, I see, I'm some other place. Oh, I see, you want me to talk to this gentleman and this lady. Why the Dickens didn't you tell me so in the first place ? [Feeling Mrs. H.'s head.] How are you, sis ? You're a good girl. (Mrs. H. : I'm very well. Glad to see you.) Phinuit : Oh, you're all right. (Dr. H. : You're well to-day, Phinuit ?) Phinuit : I'm always all right. I'm never ill. [To Mrs. T.] Who's that lady ? [To Mrs. H.] Here's a gentleman wants to speak to you. Come here. I want my watch. [Dr. H. offers his watch.] [To Mrs. H.] Your father wants his watch. He's a doctor—a doctor. [Phinuit then made a motion as though unwinding something about the hand and then dropping it off the side. Repeated several times. Then put something to Dr. H.'s nose as if to smell.] Give me that thing. I want that thing quick. [Is giving paper and pencil. Several words written—among them “Evelyn.” “I am glad to see you, and see you well. Think of me not dead.” “I am living.” “Yours truly, Dr. R.” Also, “Did you get the bottles of medicine ? Yours truly, Dr. R——.” “I am your friend, Dr. R——.”] [Mentioning correct name of a doctor whom Dr. H. had recently visited in Boston.] (Dr. H. : Is he in the body or in the spirit ?) Phinuit : [Writes.] “Body.” “Do tell me if you want to ask Dr. R——.” [Writes again.] “Come and see me, William.” [Unknown.] “Doctor, I am Chamberlain.” [Unknown.] [Writing down very rapidly, Phinuit turning leaves.]

[Evelyn, five years old, daughter of Mrs. H. Dr. R——. was not asked concerning the possible significance for him of the names William and Chamberlain.*]

[To Mrs. H.] : Give me your father's watch.

(Mrs. H. : I haven't it.) [Before coming Mrs. H. had made an unsuccessful attempt to bring the watch.]

Phinuit : There's a trouble in his head. [Incorrect.] There's also a trouble here, right in the stomach. [Correct.] That's true. Perhaps you don't believe me, but you ask him and he'll tell you. I want that lady to come here, and I want you to step out. I want that lady. I want to tell that lady all about her friend. I wish you'd all go away.

[To Mrs. H.] You'll remember what I say to you, and what I say to you you can tell your friends. I want to tell you about your little girl, you know what I mean, that's in the body, the little girl that's in the body, that's yours. She's a sweet little thing, but awfully positive. She's awfully positive, but you let her have her own way. I can talk to you, and then to the gentleman. I want Lewis. [Unknown.] You know what I mean. I'll tell you about your Ellie—Ethel, Ethie. [Evelyn, the name.] No, that's not quite right. Wait a minute—I'll get that for you in a minute. She's got a pretty good temper of her own ; excuse me for telling you that. She's got a lot of talent in her ; just give her her own way. Don't oppose her any. She's a little headstrong. You see what I mean, don't you ? Go away, Alex. [to Mr. A. Dow.] That's too bad, isn't it ? I get also

the influence of your mother. [Characteristics of child quite striking.]
(Mrs. H. : My mother?)

Phinuit : You speak to me, don't go to sleep.

(Mrs. H. : You tell me about my mother.)

Phinuit : She says that if you will follow my instructions she will come out all right. There is one, two, three; you see what I mean. I want to tell you about the different ones. There are two children, and that's all. [Correct.] There are no more. How do you suppose I know that? There's one; that's the little girl; she's the one that is so positive that I told you about. And that's the one who'll have her own way. She's a little sensitive. She has a little trouble here. [Correct.] Right in here [feeling throat], and it's the only trouble she's had about the whole physical body. She's pretty well, pretty strong in the legs here. What's the matter with her foot the other day? [Probably alluding to Mrs. T.] (Mrs. H. : I don't think there was anything the matter with her foot.)

Phinuit : That's there; but all her little trouble is right here. [Feeling throat.] You know I see her going a distance where there is water around her. I don't think you understand me. Where's that other lady? She'll [tell?] you how to talk to me. She's got two children, and there's a little girl that's got a little trouble with her throat, but she'll get well and strong, and stay in the body. She's going where I see water around her; she's not going to fall in the water. [A journey to a town on Lake Ontario was taken very soon after.] [This journey was intended at the time of the sitting, and Evelyn went there a few days after.*] Tell those fellows to go out and keep quiet. Her mother is here.

(Mrs. H. : What do you mean by here?) Phinuit : Here with me, right beside me. (Mrs. H. : Is she in the body or in the spirit?) Phinuit : In the body [correct], but I get her spirit influence, so I can tell you about her. She's what—what do you call it? Your double. That is, the mother and you are alike. You look alike, you know what I mean; that is, you are both the same. [Correct.]

(Mrs. H. : See if you can get any friends of hers.) Phinuit : I called for your father's watch and you said you couldn't give it to me. You ought to bring that for me to help me out. I can't bring any one without their influence. He's in the spirit and the mother's in the body. [Correct.] Oh, she's such a beautiful lady. (Mrs. H. : I thought about bringing the watch.)

Phinuit : I know you wanted to bring that, and that's why I called for it. But, oh, weren't you stupid? [To others.] Why don't you keep away? I'll talk to you and then I'll talk to them.

[Mrs. H. gives Phinuit a toy wheelbarrow made by Walter.] Now wait a minute. Who's that they call Bub? Who's B-r-o-b-e-r-t-s? I get that. R-o-, he's in the body. Tell Mr. Roberts I'm all right. [No one of that name known in this connection.]

[Writes.] "Daughter, I'm your father." [Mrs. H.'s father deceased.*] "Walter, Walter." Phinuit : I want him to tell the Dr. I'm all right. He's your cousin. [Correct, both as to name and fact.] Evie—Evy. [Sister-in-law of Walter, with whom he lived.] Tell him not to worry about me for I am happy now. How's Fred? [Abrupt and positive.]

(Mrs. H. ; Did you suffer ?)

Phinuit : Tell Fred I'm all O.K. [Characteristic of Walter.] What does that mean ? Put that down there quick. That's father's. Here's Willis. [Unknown.] Here's a mother, Marie. Marie is the mother [Mary, correct] and a wife of this gentleman that's talking to you. Don't you suppose I know that. She's the lady's mother. [Yes.] [Mary is the name of Mrs. H.'s mother, not Walter's wife*] Your father just told me that. Tell him that I'm alive in the spirit. I am not dead. That name was Ed—Ed. [Emphatic.] [Ed. correct name.] He wanted to send a message to you. It sounded like Fred. I called it Fred, but it's Ed, if you please. Ed. That's my dear friend, you know. [Ed., Mrs. H.'s brother, living, a dear friend of Walter.*] [The apparent confusion here becomes clear if we suppose that the father of Mrs. H. and also her cousin Walter were both present giving messages.—R.H.] Evly—Evie—Evie. Dear Evie, I want her to be good.

(Mrs. H. : She is good.)

Phinuit : I want her to live right. He is awfully anxious to send his love to his mother. And to Mary, too. She didn't understand him, that is, since he passed out. That is, since he was here she didn't understand that he lived. She doesn't understand that he is here. She didn't understand him, and never did since he came out of the body.

(Mrs. H. : Can you get the father's name ?)

Phinuit : Henry. Who is Henry ? Who's your father ? He wants to send his regards to Henry. Tell Henry I'll talk to him soon.

(Mrs. H. : Who is Henry ?)

Phinuit : He is my brother ; he sends me to see him. [Correct.] [Henry is brother of Mrs. H.'s father.*]

(Mrs. H. : Wants to see Henry ?)

Phinuit : That's your Uncle Henry. He is in the body. [Correct.] However, he wants to be remembered to you, and asks me how things are at the office—at the office. He wants to know that because he's frequently at the office. [Intimate business relations existed between the two.] Please speak to me. Give me something belonging to your father.

(Mrs. H. : I haven't anything.)

Phinuit : Well, give me Walter's little instrument. Here he comes. He had a little clock-shaped thing, and he made that also, he tells me. [Correct.] There's a little chair, you recollect that. [No.] The little chair, little stool, with a round top, with a pyramid on the top. He made that and he remembers it distinctly. [Walter's instrument is the toy wheelbarrow previously referred to. He also made many little brackets and other things, among them a small clock which he had given to Mrs. H.'s mother. Nothing remembered about the chair.*]

But who is Evie ? He says he remembers her perfectly, and wants her to know that he is satisfied over here. That's where the sister comes in that I told you about. J-o-h-n. Tell John, J-a-ane,—wait a minute. I haven't got that right. That connected with Evie. [No.] Oh, here's Will. [Unknown]. He's smiling, and he's in the body. J-o-h-n. I don't know how you pronounce that, but that is connected with him too.

(Mrs. H. : Who is John ?)

Phinuit : That's his John. [John, child of W.'s intimate friend, of whom he was very fond.] [See below.—R.H.] He belongs to him, and that belongs to you. That's his boy. There is a little girl, and he's trying to tell me about them all, and he's very fond of these two children. [Correct.] I've got something the matter with my head. [Killed by an injury on the head.]

(Mrs. H. : Did you suffer with your head ?)

Phinuit : He tells me it hurt him. It hurt his head. In here [feeling of the neck, arm, and shoulder]. She'll know all about it. Now I woke up quick and I didn't know I was out of the body. I woke up and found that I was living again. Tell her that. You'll forgive me if I ramble, but this is strange to me. I'll get over this condition in a minute. It hurt me, didn't it ? It was accidental. It was too bad, wasn't it ?

(Mrs. H. : Has he any message for his mother ?)

Phinuit : He's a little confused, but he's all right. Where's Florence ? [Unknown.] I want Hattie. [Unknown.] That's not right. That's the brother. I told you about him. But he's a little confused. Please, people, leave me alone a few minutes. You're really good fellows, and after I get these messages clear, you can come all you like. I want you to stay with me. You took good care of the little girl, didn't you ? John belongs to you, [John, nephew of Mrs. H.] that's the little one. That's the brother. That's your child. The brother's child—your nephew, that's what you call it. It's your brother's child, any way. [There is only one John, a little son of Ed, who is Walter's intimate friend, and brother of Mrs. H.*] This Walter is your cousin. [Correct.] He calls Ed. He's a friend of his, you know—most intimate friend on earth, you know. [Correct.] And he says he wants to send his love to him particularly. He gives you this so you know he is here. Tell him that I wish he wouldn't fret because everything is all right. It was so to be, and I am happy now. You can ask me any questions you like. There are two of us here. Then he wants to send his love to his mother. Who's Davy—David ? [A friend recently dead] Give me David's book. [Dr. H. brought David's book from a chair.] I want to speak to him—but where are father's things ? Oh, you didn't bring them. No, this is David's book. He wants me to tell you he is all right. Aren't you glad to see me ? I want to tell him that he is as near right as they make them. That's all right. Tell the doctor I'll speak to him. He's the one that brought these bottles of things. [Dr. H. attended David in last illness and took him many things, some in bottles.*]

(Dr. H. : David, do you want to speak to me ?)

Phinuit : I want you to feel that I am with you still. It's only a tie that binds us here. We live and then we pass out. Stand up. You look just the same. That's the greatest treat I ever had. And you're the best fellow I ever knew. You're glad to see me, old fellow. Speak to me quick. He's close beside me and is very happy. I wish you were as happy as I am.

(Dr. H. : What are you doing ?) Phinuit : Writing. I'll write for you so you can get it legibly, in a way that you will know that it is I. (Dr. H. : Ask him how he's getting on.) Phinuit : All right. Where are the rest of the fellows here ?

That's mine. [Takes book.] He is David's friend. He used to live with him. He's the friend that he lived with when he passed out of the body. [Correct.] I'll tell you about him, but he seems a little confused. How are the children? [David fond of the children.] (Dr. H. : Very well.)

Phinuit : Busy as ever? You're all right, feeling well? He says that he is going to see his friend and is coming back to see you. (Dr. H. : Is his friend in the body now?) Phinuit : He is in the body, he has not passed out. (Dr. H. : Is he well?) Phinuit : He's going to see. He's left for a minute, and he will come back and tell you all about him. I'll talk about him in a minute. Is there anybody else you want to see? That gentleman's mother is here. (Dr. H. : Is she in the body?)

Phinuit : . . . That little girl of yours is a perfect little positive ; she will have her own way. I would let her have it if I were you. She'll make a noble woman. As soon as she gets over this little difficulty she'll be all right.

(Dr. H. : How about the other child?) Phinuit : The little rascal. He's good, honest, different in temperament, that all. [Correct.] Is there anything you want to say particularly? (Dr. H. : Can you tell me something about this person?) [An old silver spoon was placed on Mrs. Piper's head. It was one of a pair. Dr. and Mrs. H. knew very little of its history, and nothing of the people connected with it.]

Phinuit : You know he keeps calling El—rie. [Unknown.] Wait a minute. I have called it to you two or three times. That's connected with this. Oh, I have heart trouble. A difficulty around here, and a kidney trouble comes with this. [Phinuit at this point had silver spoon on head.] I don't believe I'll get that so clear for you. Now there's a lady and gentleman both connected with this ; the lady is in the body and the gentleman's in the spirit. [No history of spoons except they were made from the hilt of an old sword. No names connected with them known.*]

(Dr. H. : Is the lady well?)

Phinuit : There's something I'll tell you about. You may not believe it, but there's something the matter with her head. [Age only.] There's also a nervous condition. I can't get that so well as I can the other. Who's that they call L-u-r-i-e, L-a-u-r-i-e,—Laurie, Laurie? [Unknown.] Here's a gentleman wants to speak to you very much. He's connected with this article. Who is N-o-t—N-o r-t? Tell George I am happy, and if the doctor knows who that is, I'll be satisfiad. That's all right. [Unintelligible.]

(Dr. H. : Who's George? Is that connected with the spoon?)

Phinuit : That's connected with the book. [George, brother of Mrs. H., but not intimate with David.]

(Dr. H. : Has David come back?)

Phinuit : I'll leave that until later. (Dr. H. : Is George connected with the book or spoon?)

Phinuit : With the spoon—with that. I get these two a little mixed. That's connected with this, and there's something else belonging to him. You know there are two like this. [Dr. H. brings second spoon from bag and gives to Phinuit.] Now I've got them together, now I want the glove. [Dr. H. gets glove from bag also, which is placed with spoon on Phinuit's head.] Merci. Merci, Monsieur. That's right, if I can attract their attention

I'll get them all right. He says there's a lady and gentleman here. Tell George I want him to . . . that desk. What does that mean? D-e-s-k, [Unintelligible.] (Dr. H. : Whose desk is it, Doctor?)

Phinuit : Tell him to take those books and put them back, and get the paint and the brush together. What does that mean? For the pictures are all disturbed.

(Dr. H. : Is this with the spoons?) [Dr. H. knew nothing of the history of the spoons.]

Phinuit : That's with these things here. And he says that the easel has been turned around the other side too. Now what does that mean? [Unknown.] (Dr. H. : I don't know.)

Phinuit : If you get that, you'll understand him, perhaps. What is it about the easel? [Unknown.] (Dr. H. : I don't know.)

Phinuit : And the books have all been taken from the desk and he wants them to be put up. [Unintelligible.]

(Dr. H. : That's a man that wants them put back?)

Phinuit : There's a gentleman and a lady, his sister. That's your cousin, that's not Walter. Walter is gone. There's another one here, and he talks to me. I tell you I get that name Lulu and Ellen. [Unknown.] I want you to know that this was originally Lola's. [Lola unknown.] If you can remember that you can find out about it afterwards—and then, the old lady's name was Hellen. [Unknown.] You've got that, haven't you? (Dr. H. : Who gave it to Lola?)

Phinuit : Margaret, Margaret. You know who Margaret is. (Dr. H. : I know one Margaret.)

Phinuit : That's not connected with you at all. Take those spoons away. (Dr. H. : Can you tell me about the glove? Will you tell about Mary?)

Phinuit : Mary, that's Elizabeth. That's all connected with these two things. [Unintelligible.] [In this connection a name Dorton is mentioned by Phinuit.] (Dr. H. : Tell about the glove.) Phinuit : C-a-r-r-i-e. (Dr. H. : Has David come back?) Phinuit : That's passed out of the body. That's the one whose lady is in the body and has trouble in the head and in the heart. That's the one that I just called Margaret, and this is connected with you ; she is an aunt. She is connected by blood, you know, not by marriage. [Glove belonged to Margaret's sister. The facts correct.] [Margaret, great aunt of Mrs. H., was seriously ill with heart-disease. Her husband, Charles, had been dead less than a year. Carrie perhaps an attempt at Charlie.*]

(Dr. H. : Is she going to get well?)

Phinuit : This has something to do with Margaret, and this is the one who has got the trouble with her head and with her heart. She looks very poorly to me. You don't know this friend, I think. If I could I would tell you she is going to get well, but I see inwardly a more serious condition, that is developed in the lower part of the body, down here. That's Margaret. [This trouble (swelling) had existed before ; was supposed by Mrs. H. to be absent at time of sitting, though it did exist at that time, and was observed by Mrs. H. upon visiting Margaret some time afterward.]

(Dr. H. : Do you hear from Margaret's husband at all?)

Phinuit : That's the gentleman who is connected with the other articles that came with this. The other influence you gave me and this came from a gentleman in the spirit, and a lady in the body. I'll try to get a message for you as soon as I can.

(Dr. H. : Has David come back ?) Phinuit : He's gone to find his room mate. [Room-mate living. Room-mate's wife dead.*] He'll be back in a few minutes, don't you hurry me. Give me plenty of time and I'll tell you all about it. That physical condition is a poor one. Can you help her ? (Dr. H. : Well, we'll try.)

Phinuit : She doesn't worry because there is no necessity of worrying. She's got some sense about it. [Very characteristic of the lady.]

(Dr. H. : I'll turn this inside out for you, Doctor.)

Phinuit : That's better. That's the mother. That's connected with your mother, your mother's sister. [Mary the mother of Mrs. H. ; Margaret, Mary's aunt, but brought up in same family and usually addressed each other as sisters.*] She's a good lady. They're both good. Mary and Margaret. Two good names, don't you think so ?

(Dr. H. : Yes. Tell me about the lady and the glove.) [This glove had been worn by the owner to the house of her sister Margaret. It is curious that no mention was made of the owner, but only of the invalid sister, about whom all the statements made are entirely correct.]

Phinuit : You know. I get this. That's not Margaret that's connected with her, but that's the daughter. Oh, you're Marie's daughter. [Feeling Mrs. H.'s head.] [Correct.]

(Dr. H. : Do you hear anything from Marie's husband, that is, this lady's father ?)

Phinuit : You know, I see a great long couch, a long couch in the room, with a little alcove place in it [correct] and I see this girl there. I get music with this. There is some music connected with this. There's somebody who plays well. [All this connected with Margaret. Her daughter very musical.] Who plays very nicely. Is nervous and a little curious. Margaret is in the body too. That's funny, and that's her that's speaking. I hear that name very distinctly. Send for Charles, and tell him I'm all right. Tell him I'm not dead, I'm alive. (Dr. H. : Who says that ?) Phinuit : David says that. [David not connected with Margaret or her deceased husband, Charles.*] You folks will have to straighten that out. You connect these people if you can. I could do better if you would leave this with me, and then come back and I'll tell you later. I do like you very much. You're getting on all right in everything, and she's the nicest lady in the country.

(Dr. H. : Do you hear about Eugene ?) Phinuit : E-v-e-n, I called him several times, but the lady didn't know whom I meant. I tried to get that name for you but I couldn't get it. I could get part of the name but I couldn't get all of it. [Abruptly.] I'd like to know who Warren is. [Another deceased relative.] This comes in connection with this. [Warren had no connection with the glove.*] Well, it's very trying. He's in the spirit, Warren is. There now, I got that all right. Now, friends, you must tell me what you want to know most about. (Dr. H. : Has David come back ?) Phinuit : David is coming. In the meantime about David's friend's

wife. Is she there? The wife of David's room mate? That's Charles. [The Charles alluded to above, but he was not David's room mate.] (Dr. H. : That's all right.) Phinuit : That Charles sends a message to her. Tell her I am all right. That's her husband. (Dr. H. : Is David here?) Phinuit : Louise, Louise. She's in the body. Wait a minute. Louise is connected with this Warren. They both want to be remembered. They are in the body. Warren is here and the lady is there. So that makes two of them, but she's in the body and he is in the spirit. [Warren dead was Louise's grandfather.*] (Dr. H. : That's right.) Phinuit : Can you tell me as much as that? You'll be satisfied when I tell you. Don't think I'm not going to tell you, because I am. (Dr. H. : Who's the lady with David?) Phinuit : David's gone. I don't know who he'll bring back, but he'll be back in a few minutes. Margaret is connected with this also, and I get the name very distinctly of Henry and Will, William. The William is a brother also. Henry is a brother of the father. I thought that there was a Will and Henry, but it's William Henry, one person, the two names come together. [Quite correct.] [William Henry, brother of Mrs. H.'s father, whose home was in Brooklyn.*]

(Dr. H. : Is the father happy?)

Phinuit : That fellow had a trouble with his head, with his neck. [Probably referring to Walter.] Frank is coming. Rockwood—Rockwood. Brooklyn; with David, just returned from Brookwood. This is David. Dr.—Dr.—Hertford.—Herford. [Unintelligible.] Who's he talking about, Doctor? (Dr. H. : I don't know, Doctor.)

Phinuit : H-o-u-g-h-t-o-n—Houghton. Oh, I can't get it. (Dr. H. : Is it David that's talking?)

Phinuit : I can't get that. B-e-l-l-e-n. B-a-r-r-e-t-t. (Dr. H. : Who said that?) Phinuit : Barrett, that's it. Now you have it. He's connected with David. He is, indeed, and he's all right. [Barrett, a business friend of David.] (Dr. H. : Is Barrett in the body?) Phinuit : Tell the Doctor he is with him and he is all right. [Barrett living.*]

(Dr. H. : How about the wife of David's room mate?) Phinuit : She's in the spirit. She's the one I spoke to you about in the first place. Her name, that is the one I told you about, that she has you know, is Evelyn. [No.] (Dr. H. : What was her name, the wife of David's room mate?) Phinuit : She's the one who came in with Evelyn, Alice we called her. She is all right, and sends her love to you. [Alice was the name. But Mrs. H. had brought with her something given by Alice to Evelyn, and the names and persons were closely associated in her mind.]

Who's Tom? He knows him. David's connected with him also. [A friend.] Thompson. [Unknown.*] There you've got it. I'll have to see you again, friends. You speak to David and ask him if there's anything he wants to do in the meantime. (Dr. H. : Has David any message for his father?) Phinuit : Ask the lady. His father came to him with her. [Unknown.*] He's what you call not low, but poorly—not in good health. [Correct.] I can't tell you anything about this, I'm too weak. [Phinuit takes a ring.] That's connected with that also. I wish I had had that a little sooner, but I'm too weak now. I'm sorry, good-bye. Ruthie. Mollie. [Unknown.]

May 17th, 1892.

At the house of Dr. A. B. Thaw in New York. [R. H. taking notes.]

The following account is an abridgment with names changed, and one or two other circumstances somewhat modified. I was sent out of the room part of the time, and the lady, friend of the sitter, who was to have written out the record of the sitting, began but did not complete it, and the notes are particularly deficient as to which questions were asked by the sitter in Italian and which in English.

The sitter was an Italian lady, Madame Frederica, who had lived long enough in America to be familiar with English. The deceased sister, Madame Elisa, also spoke English as well as Italian.

Phinuit referred to the "sister," attempted a name that had no significance, made attempts at the name Frederica, gave a personal description of Elisa, also designated (by pointing out locality, etc.), the trouble that caused her death, and mentioned some specific points in connection with the scene at the moment of her dying. A watch which had belonged to Madame Elisa had been lost or mislaid by the sitter, who inquired about it; but the statements made concerning its whereabouts did not lead to its being found.

The communicator began to write "Dear Sister," and was at once requested to write in Italian, and several sheets were written—some fifty words, of which a few are evidently repetitions, attempts to write more clearly, but none of it is clearly decipherable except the words *si* [yes] and *mia* [my] and the Christian names of the "communicator" and the sitter. The hypothetical interpretation of several other words is much too doubtful to be of any evidential value as indicating a knowledge of Italian words. The communicator was then requested to write in English, and Phinuit begged the sitter not to speak so loud. The sitter then asked in Italian, "Does my voice hurt you, Elisa?" The reply was, "My dear sister, I hear you speak to me and it makes me so happy to hear your dear voice again." There were then some replies written to questions about the whereabouts of the lost watch, some of the words being undecipherable, but the writing ended, as we ascertained afterwards, by an attempt to write the communicator's full name.

George Pelham, known to both the sitter and her sister, then acted as amanuensis for Madame Elisa, after greeting the sitter, and wrote replies to questions about the watch. I interrupted her by a demand for the last name of the communicator, to which G. P. wrote: "Don't bother me while her sister is speaking to me please, for I have quite enough to do without this." Later on G. P. referred to the sitter's mother as with the communicator, adding that he himself did not know her. [Correct.] There was further writing of a personal character, after which I asked where had I been with the communicator, at Newport. We had been guests at the same house together, and the name of our hostess was correctly written. The writing ended, and I supposed that the surname of the communicator had not been given but the last faint scrawls, as we found later, were clearly intended for this name. Suddenly Phinuit called out "Who's M-A-N-N-O-R-S. I

got that for H-O-D-G-S-O-N. Tell Hodgson I gave this to you as I could not stay there longer on account of Elisa." This was G. P.'s message apparently through Phinuit. "Manners" was the surname of Madame Elisa. Immediately after Phinuit's departure, and before Mrs. Piper recovered consciousness, the following was whispered in Italian: *Sta Bene, Sta Bene, Pazienza, Pazienza, Pazienza*. [It is well. Patience.] [For other communications from Madame Elisa, see pp. 335-6.]

January 28th, 1893.

Sitter: Mr. T. B. C. (Associate A.B.S.P.R.), Minneapolis, Minn.

[Mr. C. gave me the following account on the afternoon of the day of the sitting.—R. H.] :—

Phinuit said there was a lady who wanted to speak with me, my wife. He indicated that she died of inflammation, and gave the name of the disease *peritonitis*. He gave the name Louise, and said Louise was my daughter, and was with her mother, and that others were there also with them. He then gave the names *Irvie*, *Nellie*, *Dellie* (D E L L I E) and *Lizzie*, and said they were my [four other] children in spirit, as is true. [All these statements were correct.—R. H.]

Lawa was mentioned and said to be my sister. [Correct. She died nearly forty years ago.]

Phinuit further said there were two children in the body—some distance away. One of them, "nice bright little fellow," was sick, had sore throat and something the matter with his head. [True, when I left them three days ago in Washington.] Phinuit said that he would come out all right, and live a long time. Phinuit gave these statements as coming from my wife and Louise. Louise also said, "Give my love to Lon." There was some stumbling over the name Lon, which was, however, finally correctly given, and spelled out *Alonzo*, which is the full name. But she always called him Lon. This is her husband, still living.

Irvie was rightly said to have died of consumption.

[There was some writing apparently by Louise, as follows] :—

[If by Louise, she must have been acting as amanuensis for her mother whose name was Sarah.—R. H.] "I told you in my note to keep the appointment, did I not, dear?" *Spoken*. "This appointment was what I meant." [See note below.] [I had given one of my wife's rings to a friend of hers. Knowledge of this was shown in the following writing] :—

"Give my ring to my dear friend." (Was that right?) Yes. (Who was the friend?) [Attempts at Shepherd, which was finally written] *S H E P A R D*. [Should have been Shepherd.]

The other writings are private messages of personal affection to convince me that my relatives were actually present and talking with me.

It was mentioned that Hattie's mother had died of cancer, and that I could find this from Hattie. This is not yet known to me, but Hattie is my brother's wife still living. [Afterwards ascertained to be not true.]

Note by Mr. C.

On January 22nd, 1893, I tried Ouija Board for the first time with a private lady friend in Washington who has had various remarkable experiences with it. A few private things came out at the first sitting which were a great surprise to me, but somewhat personal. At our next trial, which was on January 24th, several messages were spelt out as coming from my wife, who wrote, *inter alia* :—

“All your movements are noticed. (By whom?) By me. (Who?) By Sarah. Did I not mention to you that I am always waiting for you. Bitter it is. Meet your appointment. You should trust. I make you no promises. I am a law at your side.”

I kept this appointment [sitting with Mrs. Piper] specially because of this message, which was thus indirectly corroborated as coming from her by the communication through Mrs. Piper.

I have never seen any Spiritualistic medium before of any sort.

[Some weeks previously I had made two different appointments for Mr. C. to accompany me to Mrs. Piper, but both these sittings had to be given up, in one case owing to Mrs. Piper's illness, and in the other owing to circumstances connected with the death of a friend of Mrs. Piper's. In one of these cases Mr. C. met me at the Boston station. In the other case I sent a note to his hotel to prevent his going to the station. In neither case did he go out to Arlington Heights. Mr. C. was travelling about a great deal, and arranged that I should have a sitting on his behalf with some articles which he sent me for the purpose. I informed him by letter that I would have the sitting on January 28th, but he finally decided to come to Boston again himself. Not finding me at the Boston Station, he thought that the arrangement for the sitting had fallen through, but was induced to go on to Mrs. Piper's by the persistent iteration of the thought “Keep your appointment.” I had requested Mr. Howard to take my place that morning, so that he might ask G. P. a question, the answer to which was known to me, but not to Mr. Howard (see p. 439), who explained the matter to Mr. C. on meeting him at Mrs. Piper's house.—R. H.]

February 8th, 1893.

Sitters: Mr. and Mrs. Thomas B. MacDonough. R. H. taking notes, but not very full ones. Mr. MacDonough is an Associate A.B.S.P.R., New York district. Mr. MacDonough's comments were not made till about the time of his letter which follows the report, July 1st, 1896, when he made some notes on the type-written copy of my record which I sent him, and gave further explanations in his letter.

[Phinuit.]

Here's the Colonel. Wants to speak to this gentleman.

Little children. Two of them. Two children; both belong to you [Indicates size by hand.] . . . [A gap in my notes here.—R. H.]

[Colonel Bundy wanted to speak to me. He had died not long before. The two children spoken [of] were both mine by former marriage, one two years younger than the other.]

[Written.] Fred. (Fred Cleveland?) [An acquaintance who died of consumption at Denver, Col.]

[Spoken.] He's got a mother here—in the body, that he wants to send a message to. She lives up in a hotel—flats. [Do not know her.]

(What city?) New York. He passed out with consumption. [Right.] Old gentleman—grey hair, nearer to you than any of them except those two children. One is a *little bit of a thing*. [Very correct.] Sarah, Sarah Warren—no Purcell—had little locket in body, was well acquainted with this lady's mother. [Cannot connect this with anything I know about.]

Old gentleman says: What about those papers? [No. 1. See note.]

Do you know Louis R.? [No.] [Known to me and several previous sitters.—R. H.]

[Describe the old gentleman.] High forehead, prominent nose, bright eye, hair back like this [indicating.] [Can't identify by this description.]

William—That belongs to the lady. [Unintelligible.]

Mickles, Michols. (Michael.) That's it—Mickle. He wants to speak to you very much. Double twisted sort of brother. [See note No. 1.]

Two children and Fred, and Will and Michael. (Ask him what relation he was to me?)

Who's that young girl in the body that's musical? She plays, and would like to sing but can't.

[The word "*Father*" written apparently in answer to question of sitter while Phinuit was speaking.—R. H.]

You know that I see your father. You've got some paper belonging to him. Insurance paper. (No.) Deed, paper. [Know nothing about paper.]

[Word very much like *Gilder* written in mirror-writing, not deciphered at time.] (Carvers and Gilders' Association. That's what he means. He was very proud of that.) [Embraced in note No. 1.]

[Written.] John Mc is here. Mc—. John Mc—I am. Yours for ever, your brother, J. Mc. [My brother John.]

(Why could you not do more for us yesterday?) [This refers to a sitting of Mr. MacDonough with his wife alone, not with any other medium.—R. H., 1897.] Because I could not, but left to reserve for now.

[Mr. MacD. asks about some leakage.] Look at them at once. But you will find them in the cellar. (Not in the cellar in the tower?) [Undecipherable.] *Tower*. [In mirror-writing.] (What side? East or west, north or south?) East, emphatically, emphatically. (On the east side?) Yes, yes. You will find it in the pipe, pipe under the sill near the window in the partition. But I will s . . . water. [Note No. 2.]

Tom, you dear old bro. I will keep my promise and help you through with it. [Can't connect.]

[Phinuit speaks.] Who's Murray, Mary? [*Not recognised.*] [Written.] M. . . . [under.] Mother is all right. Michael. [My father.]

(How are things in Kansas City?) [Question by Mr. Mac Donough.]

[Phinuit says.] Where's the glass—a lot of pottery things? [unintelligible.]

[Written.] Broken property is going to be all right. Tom, old chap. Hold on to a good thing. [Kansas City.]

Find the leak *at once*.

Mary, Nellie, Nellie, Nellie [unintelligible.]

Tell my son John Jr. to stick to his interests. [My brother's son. Note 3.] [Undecipherable.]

[Spoken.] John has something the matter with his throat and in his head. (Nervous?) That'll do him good to be out there. In big building in present time. His health's going to be a great deal better. [My brother's son.]

(Tell us about *our* health.)

[To Mr. MacD.] You've got no heart trouble. You thought you had. You're an old chump. A little too fat, that's all. I should advise you to practise with dumb bells. No Bright's disease of the kidneys. You've just got a little indigestion. You'll stay in the body a long time yet. [Note No. 4.]

[Feeling him all over.] You go home and go to sleep [to Mr. MacD—.]

[To Mrs. MacD.] You needn't get nervous. [Mr. MacD. and R. H. sent out of the room. On return Phinuit says:] She has a little bronchial trouble. Looks as if she inhaled smoke at some time. Little trouble by a fall. Spray her throat with a teaspoonful of "hamamelis" in tea-cupful of water, with an atomiser twice a day.

[Written.] Don't forget me, Tom. For I will watch over you always. Good-bye. Yours, etc., J. Mc—

["Looks as if she inhaled smoke at some time."]

Some years ago Mrs. MacDonough, during the Southern Hotel Fire in St. Louis, when several lives were lost—in trying to escape from fifth story window by means of sheets tied together, fell, and was picked up almost lifeless and badly burned. She was laid up about six months. Her fall and escape were miraculous, and furnished the newspapers at the time with material for illuminated cuts, etc., etc.]

THOS. B. MACDONOUGH.

The Birches, Lake Moselookmegtunc.

Rangeley Lakes, Maine, *July 1st, 1896.*

DEAR MR. HODGSON,—I kept no notes of the sitting with Mrs. Piper, and therefore the three years which have elapsed leaves me hazy regarding it. All I can positively remember I have set down on schedule, or incorporate here.

Note, No. 1. The old gentleman who asks "what about those papers?" was Michael MacDonough, my father. Phinuit, in struggling with his first name, called him "Michel" which is French for Michael. As I seemed at the time to recognise my father, I suggested the correct name or English of it, and Phinuit, with emphasis accepted the translation. The only connection I can make with the "papers" asked about and my father's pride about them, arises from this. My father was an Englishman, who came to this country in 1834. He was treasurer of the Carvers' and Gilders' Association or Guild of London—now defunct. As its representative he had purchased a building site for the guild—the deeds for which were somehow made in

his name. I can remember, when I was a lad, quite a little excitement in our household over a letter from London asking my father to go before some authority—possibly the British Consul, and make over the property to the guild—since they could do nothing with it or about it while he had legal possession. We were very poor. My father's pride arose from the fact of his prompt compliance.

No. 2. The leak referred to was a defect in tower on the east side of our cottage at Long Branch. We followed my brother's directions, discovered the leak under the window sill and repaired it.

No. 3. My brother's son—John Jr.—was at this time quarrelling with his employers, . . . Theatrical Agents . . . and was contemplating throwing up his situation. His head and throat were ailing him—all this I heard about *after the sitting*. I had hitherto supposed his relations with his firm to be most amicable.

No. 4. At this time I had been suffering for some time with pains about the heart, and was alarmed, supposing it to be organic. I asked Phinuit whether he could see anything the matter with me. His reply was remarkable. Some time after the sitting I consulted a physician, and by the way, he was Dr. Pomroy, a clairvoyant, who pronounced my case one of indigestion—using almost the same words Phinuit used. Both have been proven correct. Indigestion has long been my tormentor.

I am unable to recall all of the message signed George [February 21st, 1894, see below] except that part which said “you will sell Kansas property this year.” The property is not in Kansas—but Kansas City, Mo. It is not sold. My brother died February 12th, 1892.

I hardly think you will make much out of this, but it is the best I can do. Mrs. Mac D. appends her signature and unites in regards.—Yours, etc.,

THOS. B. MACDONOUGH.

I have read my husband's notes of the sitting we jointly held with Mrs. Piper in company with Dr. Hodgson, February 8th, 1893, and append my signature in corroboration.

FRANCES MACDONOUGH.

[It is probable that on February 8th I told “John Mc” that he could send communications to his brother through me. Numerous instances of brief messages of this type from various communicators have occurred at sittings, and I give the following as illustrations.]

On February 13th, 1893, in the presence of another sitter, Phinuit said: “John sends his love to Tom and Frank,” and on February 17th, 1893, at a sitting which I was holding on behalf of another person, the following message was written:—

“I am John Mc, you [wanted ?] me, did you [not]. I am John Mc, very well, I came here to speak to you one minute.

Whose hat is that ? (That is not yours.) I see, I don't recall it. Oh, I see now, but who are you, please ? (I'm a friend of your brother's.) Tom's Oh ! I am glad to see you, sir. (I was with them before.) Oh, yes, are you the gentleman ? Well, will you be kind enough to give both him and

Frank my love, and ask them to especially advise my son John to still continue travelling, as this is most important, and tell him it is especially good for his weak condition of health, weak state of, and love to him and *** also.

(R. H. reads it over. Is that right?) Yes sir. Now, please tell Tom, my brother, that I will advise him as to when he had best sell his land in Kansas City. [R. H. reads.] Yes, sir, and it will be a help to him. Thank you very much. Good day, sir. I am, yours, etc., J. Mc."

I learned later from Mr. MacDonough that the name whose omission is indicated by asterisks and which was unknown to me, had special significance but of a private nature. Kansas City was mentioned by Mr. MacDonough at the sitting on February 8th. "Frank" is Mrs. MacDonough, but Mr. MacDonough may have called her "Frank" at the sitting of February 8th. On January 18th, 1894, when G. P. was writing, the following occurred:—

. . . "There is a confusion, H., you had better wait a little until it gets more quiet here. Do [you] know this is just like being in a very large hall and hearing two or three dozen voices all at the same time discussing different subjects. . . .

Who is this John McDonough. (I know his brother. I understand and will send message). Give my love to him and say that I should be delighted to see him and Frank again some time and tell him to hold on for awhile longer and I will advise him just what to do. I am ever your brother, John Mc. Do you know these people, H.? (Yes, that's all right). O. K. I didn't. (Tell him I'll send the message). Oh, good."

I forwarded this to Mr. MacDonough, who replied:—

"Pittsburgh, Pa., *January 29th*, 1894.

DEAR DR. HODGSON,—The message you send, and which I re-enclose, is singularly opportune. I am in great perplexity over a business venture of grave importance. "John" seems to be aware of my perplexing anxiety. . . .

THOS. B. MACDONOUGH.

On February 21st, 1894, when G. P. was writing, the following occurred:—

"Here's a message from John McDonough. Tell Tom [undecipherable.] is here. (You're writing too fast. I can't read it.) I must give it quickly while I am clear, H. I am looking after him and he is better off, for he never could be well in the body. Tell him this. Got it, H.? (Yes). And we are awfully glad to be able to help him out. He would have lost his mind if he had remained longer. (Who is this he's talking about?) Wait. His son. (Whose?) John's. (Passed out recently?) Not long ago. (He wanted to send a message about some property, didn't he?) Yes, he told me this, also. The Kansas property will go this year and all satisfactorily to him. Hold on a bit longer. Tom, dear brother, I am helping you out. Trust in me thoroughly, and I assure you it will be all right, and go right, Tom. . . . He is waiting a moment. I'll tell you soon . . . keep the house at the island. Lovingly your brother, Jh—Mc—. Thanks to you sir, good-day. . . . Bring me some thing

belonging to him some time. He is in a little dreamy state at times, yet he is clear with me as his interpreter.”

To this Mr. MacDonough replied :—

Providence, R. I., *March 1st, 1894.*

DEAR MR. HODGSON, . . . The message is very confusing. “John,” a son, has not passed away, but is doing very well. We have no island property. We have property at Long Branch. We have no thought of disposing of Kansas City property. The character of the message is unlike my brother. I have been in some uncertainty as to a business matter of importance, which John however does not seem to see. . . .

THOS. B. MACDONOUGH.

In July, 1896, Mr. MacDonough informed me that the son John died in Philadelphia “just about one year ago” [about July, 1895].

On October 14th, 1896, Phinuit said: “McDonough says tell Frank she’s good for a good many years yet.” I sent this to Mr. MacDonough’s permanent address in New York City, and on October 20th received a letter from him from Detroit, Michigan. He says: “The message is understood, Mrs. MacDonough (‘Frank’) for the past month has been under the weather, and conjured up visions of disintegration. Thanks.”

APPENDIX III.

The records in this Appendix are of first sittings given by Mrs. Piper after her operation, which was performed on March 14th, 1893, by Lena V. Ingraham, M.D., of Boston, Mass., who has furnished me with the following account. The reference to Mrs. Piper's pulse and temperature concerned a sitting with Mrs. Piper on March 12th, 1893, which was almost exclusively devoted to conversation between Phinuit and Dr. Ingraham and two other doctors, during which I was not present.

May 20th, 1896.

DEAR MR. HODGSON,—The operation upon Mrs. Piper was cœliotomy for removal of diseased Fallopian tubes and ovaries. . . . The wound healed by first intention, and the patient had an uninterrupted and uneventful recovery. Upon examination after operation the parts were found in good condition, with complete relief of all symptoms for which the operation was done.

Mrs. Piper's pulse before the trance was rapid, from the fact that she became rather excited over dread of examination, operation, etc., but *just* before the trance it was about seventy-two per minute, and was not accelerated during the trance.

Her temperature was 99 deg. before, during and after the trance. She took ether without any unusual symptoms.—I am very truly,

7, Gloucester Street.

L. V. INGRAHAM.

The operation was performed at Dr. Cushing's Sanitarium, Brookline, Mass., and I went out to the Sanitarium and remained in the building while the operation was performed, so that I might be of assistance in case of any unusual occurrence. After the operation, and while Mrs. Piper, who had been taken to her room, was still under the influence of the ether, and apparently unconscious of any person present, Dr. Ingraham requested me to enter the room, as Mrs. Piper was calling for me. I went in and spoke to her, but she seemed to be quite unaware of my presence, although she moaned occasionally, and several times called out spasmodically "Mr. Hodgson." During this interval of unconsciousness her attention became fixed as upon an object of interest, and she exclaimed: "Who is that old man? Take him away." Then came a pause, as if she was listening, and she then added, "Oh, no. He's a nice old man. He can stay." This naturally caused me to think of Phinuit.

The first sittings Mrs. Piper gave after her operation were two in the early part of September to a previous sitter, and were largely

personal. I was present taking notes. There were personal messages to other previous sitters from G. P. and others. At the first sitting, September 7th, 1893, Phinuit said, with reference to the operation: "I saw the medium on a long table and helped her out. I saw Hodgson too, and tried to make the medium see me."

I believe that the first sittings given afterwards were those arranged for by Mrs. Howard.

Early in October, 1893.

Sitter: Mr. L. Vernon Briggs, Hanover, Mass.

During this month I was in Chicago, and Mrs. Howard arranged for two sittings at the house of Mrs. T. in Boston, who was present for a few minutes, for a private conversation with Phinuit, not recorded, at a sitting of March 12th, 1893. Some notes were made at these two sittings, chiefly by Mrs. Howard, but I did not receive a copy till several months later from Mrs. T. Mr. Briggs was present at the second sitting only. I understood at the time that the sitters were anxious for privacy, and did not learn who Mr. Briggs was till the summer of 1895. Mr. Briggs never had an opportunity of studying at leisure the attempts at Hawaiian writing at his sitting, the original writings of which were apparently lost. I received in the early part of November a brief account orally from Mrs. Howard of the sitting concerned with Kalua, at which she was present, and also Mrs. T. The following is from the written account which I received from Mrs. T.

* * * * *

The medium was then given a handkerchief of a Honolulu boy who had been shot in Boston—intentionally or unintentionally was not known. This boy had shown great affection for a person present—following them twice to Boston from Honolulu as a stowaway. The medium showed great suffering—placed her hand to her side, saying, "It's my stomach—Oh, my side. They put me out too quick." Here the medium seemed to suffer too much, and Dr. Phinuit was asked to take control and speak for the boy. Conversation continued through Dr. Phinuit.—"Is this you, Kalua?" [This question was put by Mr. Briggs.—R. H.]

"Yes, I did not kill myself. He killed me. We were gambling—that was wrong. He hid my purse under the steps where I was killed." [The cellar was examined—five planks, one below another, were taken up but no purse was found.] Kalua also said there was shrubbery near it. [There was no shrubbery in the cellar of this house.]

The boy seemed delighted to speak with his friend, and finally took the hand and wrote, "This is splendid—Oh, Dr., help me." He asked questions, and tried to give the name of a place in the Hawaiian Islands, which finally was made out. He then tried to write his own language, and did write some

words which were understood. For instance, he wrote "Lei," which means "wreaths"—and which he always made daily for his friend.

Dr. Phinuit said what he heard sounded like Italian—and that the boy was singing—which he was always doing in life. He spoke again of his death, and said: "The man had a hot temper and disputed with me, and he shot me—he did not mean to." [Question] "What became of the revolver?" [Answer] "He threw the revolver into the hot-box where the pepples are." [Note.—This was true—the revolver was found in the furnace.] [Known to Mr. Briggs. By *pepples* was meant *pebbles*, interpreted by the sitters as *coals*.—R. H.]

"Did you get my trunk?" "Yes." "So glad you have it—keep my things." "Did you get them, M.?" "Yes."

He was asked where his father was. And we could only understand Hiram.—Phinuit could not get Hawaii for some time—it was finally written Hawaii Islands. We asked which one—Phinuit said it was Tawai. This was interesting, as the island is spelled with a K, but pronounced with a T.

The following is my record from notes of a conversation with Mr. L. Vernon Briggs on June 11th, 1895, revised by Mr. Briggs.—R. H.

June 12th, 1895.

Mr. L. Vernon Briggs, of Hanover, Mass., called upon me yesterday morning, and gave me an account of his sitting with Mrs. Piper in October, 1893.

The sitting was arranged for by Mrs. Howard, and was held at the house of Mrs. T. Mr. Briggs attended the sitting, and was introduced as Mr. Smith.

Mr. Briggs had taken with him a handkerchief and other articles that had been worn by a Hawaiian whose acquaintance he had made originally in Honolulu. His name was Kalua.

During the time, six months, that Mr. Briggs lived in Honolulu, Kalua became very much attached to him, and was very anxious to accompany him when he left the Islands in the year 1831 to return to America.

One day, about July in the year 1833, a cousin of Mr. Briggs entered his office accompanied by Kalua. It appeared that Kalua, when the ship which had taken Mr. Briggs away, returned to the island, had concealed himself in the hold and lived on raw onions till the ship was well out to sea. When he revealed himself the Captain sent him to the fore-castle, and finding that he was intelligent, and taking a liking to him, employed him as cabin-boy. He accompanied the ship to China, and when it returned to Boston left it and inquired for Briggs. Some person explained the directory to him, and it happened that the first person by the name of Briggs whose address he got from the directory was a cousin of Mr. L. V. Briggs. This gentleman knew something about Kalua from the letters which his cousin had written him from Honolulu, and he took him around at once to Mr. Briggs' office. He lived with Mr. Briggs some months. He was a very devoted servant, and was very ambitious, and anxious to be educated.

After three months he was sent back to his native island very much against his own wish, but when the ship arrived at Honolulu he refused to land, climbing to the top of the mast and remaining there half a day lest he should be dragged from the vessel, possibly.

Eventually the Captain brought him back again to Boston, and he again sought out Mr. Briggs, who placed him at an academy, where he learned very rapidly.

While in the academy he went to a sailors' Bethel, where he had some clothes stored in a trunk. He had purchased a new trunk, and was taking the clothes from the old and putting them into the new trunk. Word came to Mr. Briggs that Kalua had committed suicide by shooting himself. Inquiry was made, and it appeared that Kalua was engaged in the work of removing his clothes from one trunk to the other when a revolver went off and shot him through the heart. The announcement of his having shot himself was made by a Swede, Olaf, who immediately disappeared. Officers were immediately sent in search, and discovered him after some time on board a Gloucester fishing smack that was about to sail. He said that Kalua was engaged in taking out the cartridge from a revolver with a knife when it went off, and that he had run away because he was afraid of being imprisoned.

He was imprisoned, but there was no evidence against him, and eventually, after remaining some time in prison, he was discharged. The revolver could not be found anywhere, and it was supposed that the Swede must have thrown it into the harbour. Finally the Swede was induced to confess he had hidden it behind a flue. Part of the chimney was taken down, and the revolver was actually found there.

Sitting with Mrs. Piper:—The articles were produced. Phinuit placed his hand on the heart and spoke about the heart. There was also some writing purporting to be by Kalua. The word "lei," meaning wreaths, was written clearly and frequently, and there was also an attempt to write the word "aloha," which means greeting. There were apparent attempts at other words in Hawaiian, which could not be deciphered.

Kalua was very fond of making wreaths of wild flowers.

Phinuit also gave the name of "Tawai," pronouncing it, but in the writing the word was spelled "Kawai."

By the natives of the island itself, and on the island where Kalua was born, this word is pronounced "Tawai," although it is spelled "Kawai." The natives of the other islands call it "Kawai."

[I think if you refer to the notes, that this statement can be added to considerably. I first met Kalua probably in February, 1881. He came to Boston first in 1883, lastly in 1885. He was killed in June, 1886. I left Honolulu in May, 1881,

L. VERNON BRIGGS.]

Early in October, 1893.

Sitter: Dr. S. Weir Mitchell, Professor W. James present. Sitting arranged for by Professor James at his house in Cambridge, Mass. A failure. See the letter from Professor James, p. 494.

1524, Walnut Street, Philadelphia, Pa., *January 27th, 1894.*

MY DEAR JAMES.—I have read, with care, since the receipt of your note, the memoranda you and I made at my sitting with Mrs. Piper. I

return them to you, as they are of no special value to me, and you may find the name desired. My report would be this:—

If I had never seen you and heard your statements in regard to Mrs. P., my afternoon sitting with her would have led me to the conclusion that the whole thing was a fraud and a very stupid one. Of course I do not think this, because I am bound to consider all the statements made, not merely the time spent with me. As to this point I want to make myself clear, because I should like on another occasion to repeat my sitting. . . .

On re-reading your notes I find absolutely nothing of value. None of the incidents are correct, and none of the very vague things hinted at are true, nor have they any kind or sort of relation to my life, nor is there one name correctly given. . . .

S. WEIR MITCHELL (M.D.).

November 18th, 1893.

Sitter: Mr. A. A. C. (Member A.B.S.P.R.) [R. H. taking notes.]

In September, 1893, a message was sent to Mr. C. purporting to come from his deceased brother Harry through G. P.

Near the beginning of this sitting Phinuit said, "Do you know who's Harry? He hasn't been here a great while." As this applied to the sitter's brother, Phinuit was encouraged to get all the information he could from "Harry," but in Phinuit's talk, as also in the writing that followed, the names and other references, amid some confusion, had no significance for the sitter. Especially the "Harry" was anxious to send a message to "Gussie in the body." G. P. wrote, but there was some confusion which perplexed him, and he apparently did not recognise me at first, but thought I was Howard. He wrote that there was "not so much light as there is sometimes," and he left to try and clear the matter up. Then came some more writing, probably from the first communicator, and then again another wrote, who soon gave his name as Carrington. [This was a friend of Mr. T. B. C., who had the previous sitting, November 16th, at the end of which sitting Carrington was represented as present, and I had explained that at some other time I would take a message for him.] I told him that I would be glad to listen to him another day, but that I was anxious to hear then from the friends of the sitter. He then apologised for mixing things up, but reminded me that I had told him to come. "Did you not tell me to come another time? . . . Then why did you not explain to me? . . . But you see I am sorry for this, as I did not know, and besides there's not much strength to come in on, so I have tried to make the best of it. Excuse me, sir, and I will go out. Now I am going. Good-day, sir." Following this Phinuit talked again, but the only relevant matter was, "Young man named Harry—I want to see my brother." Phinuit also complained of confusion.

Mrs. Piper had begun to come out of trance, but was strongly convulsed again, and the hand moved to write. I put a pencil in it, and a very direct personal communication was written to the sitter, who was addressed by his first name. The full name—first, middle, and surname—of his brother

Harry, from whom the communication purported to come, was written several times with great violence, tearing the paper of the block book. The wild anxiety of the communicator, as shown in the writing and in the movements of Mrs. Piper's hand and arm, was very striking, but it would be difficult to appreciate this without witnessing it. Phinuit stated on November 23rd that when he "went out" he found this young man, who begged most earnestly for the opportunity of speaking to his brother, and that he, Phinuit, had "helped him in," &c. (See. p. 325.)

Two or three days later I learned of circumstances which threw some light upon the confusion in connection with the Harry who was represented as sending messages at the beginning of the sitting, and whom I had encouraged. Mrs. Howard not long before had taken a lady to a sitting who was very anxious for privacy, and who had received, as Mrs. Howard informed me, very remarkable communications from her deceased husband Harry, and it was arranged that if he wished to communicate with her again he should announce that Harry wished to send a message to Gussie. Mrs. Howard was to tell me of this, so that in case of such a message I might deliver it to her for transmission; but Mrs. Howard had not had an opportunity of giving me this information until after the sitting of November 18th. It reminded me of the statements at Mr. C.'s sitting, and I submitted them to Mrs. Howard, who stated that they were relevant, and evidently intended for her friend. I have received no statement, however, from her friend, who remains unknown to me.

December 8th and 21st, 1893.

The appointments for these sittings were made by me. Mrs. Howard was present on both occasions and took notes, which I think can be substantially relied upon, as Mrs. Howard is a rapid writer, and had been present at many previous sittings (the G. P. series and others, see Appendix I.), and was aware of the importance of recording any information given by the sitter. Mrs. Sutton herself has had many remarkable psychical experiences, especially in seeing the "figures" of deceased persons, and in 1887 published a little book giving an account of some of these. It was called *Light on the Hidden Way*, with an Introduction by James Freeman Clarke. (Boston: Ticknor and Company). The book was published anonymously. It happened, however, that I knew a member of the publishing firm, who sent me a copy of the book, with a letter of introduction to Mrs. Katharine B. Paine (as her name then was), who at that time lived in Cooperstown, N.Y. I never used the letter of introduction, and did not see Mrs. Katharine Paine Sutton till after her sittings with Mrs. Piper. Mrs. Howard, I believe, had made her acquaintance only a short time before the sittings, when Mrs. Sutton was staying for a short time in Boston. The Rev. James Freeman Clarke, who lived in Boston, (or its immediate vicinity), was well and widely known. I

regard Mrs. Sutton as a most excellent witness. Mrs. Howard was present at various first sittings for persons who were friends of hers, and assured me that she always introduced the sitters by the name of Smith. The notes marked with an asterisk were added in 1897.—R.H.

Sitting with Mrs. Piper at Arlington Heights, December 8th, 1893.

Present, Mrs. Howard, Rev. S. W. Sutton, and myself. Report by Mrs. Sutton from notes taken by Mrs. Howard during the sitting.

Mrs. Howard held Mrs. Piper's hands. She became immediately entranced under the control of Dr. Phinuit. After a brief communication to Mrs. Howard I took Mrs. Piper's hands and Phinuit said: This is a lovely lady,—she has done much good,—has helped so many poor souls. A little child is coming to you. This is the dearest lady I have met for a long time—the most light I have seen while in Mrs. Piper's body. He reaches out his hands as to a child, and says coaxingly: Come here, dear. Don't be afraid. Come, darling, here is your mother. He describes the child and her "lovely curls." Where is papa? Want papa. [He takes from the table a silver medal.] I want this—want to bite it. [She used to bite it.*] [Reaches for a string of buttons.] Quick! I want to put them in my mouth. [The buttons also. To bite the buttons was forbidden. He exactly imitated her arch manner.*] I will get her to talk to you in a minute. Who is Frank in the body? [We do not know.] [My uncle Frank had died a few years before. We were much attached. Possibly Phinuit was confused and my uncle was trying to communicate.*] A lady is here who passed out of the body with tumour in the bowels. [My friend, Mrs. C., died of ovarian tumour.*] She has the child—she is bringing her to me. [He takes some keys.] These bring her to me—these and the buttons. Now she will speak to me. Who is Dodo? [Her name for her brother George.] Speak to me quickly. I want you to call Dodo. Tell Dodo I am happy. Cry for me no more. [Puts hand to throat.] No sore throat any more. [She had pain and distress of the throat and tongue.*] Papa, speak to me. Can not you see me? I am not dead, I am living. I am happy with Grandma [My mother had been dead many years.*] Phinuit says: Here are two more. One, two, three here,—one older and one younger than Kakie. [Correct.*] That is a boy, the one that came first. [Both were boys.*]

The lady has a friend, Elizabeth,—Lizzie. Mary wants to send love to Elizabeth. [This last is not intelligible to us.]

The little one calls the lady, Auntie. [Not her aunt.*] I wish you could see these children. Phinuit turns to Mr. Sutton and says: You do a great deal of good in the body. [To me.] He is a dear man! Was this little one's tongue very dry? She keeps showing me her tongue. [Her tongue was paralysed, and she suffered much with it to the end.] Her name is Katherine. [Correct.*] She calls herself Kakie. She passed out last. [Correct.*] Tell Dodo Kakie is in a spiritual body. Where is horsey? [I gave him a little horse.] Big horsey, not this little one. [Probably refers to a toy cart-horse she used to like.] Dear Papa, take me wide. [To ride.] Do you miss your Kakie? Do you see Kakie? The pretty white flowers you

put on me, I have here. I took their little souls out and kept them with me. Phinuit describes lilies of the valley, which were the flowers we placed in her casket.

Papa, want to go to wide horsey. [She plead this all through her illness.] Every day I go to see horsey. I like that horsey. I go to ride. I am with you every day. [We had just come from Mr. Sutton's parents, where we drove frequently, and I had seen Kakie with us. (This means that Mrs. Sutton had seen the "apparition" of Kakie.—R. H.) Margaret (her sister) is still there, driving daily.] [I asked if she remembered anything after she was brought down stairs.] I was so hot, my head was so hot. [Correct.*] [I asked if she knew who was caring for her, if it was any comfort to her to have us with her.] Oh, yes,—oh, yes. [I asked if she suffered in dying.] I saw the light and followed it to this pretty lady. You will love me always? You will let me come to you at home. I will come to you every day, and I will put my hand on you, when you go to sleep. Do not cry for me,—that makes me sad. Eleanor. I want Eleanor. [Her little sister. She called her much during her last illness.*] I want my buttons. Row, Row,—my song,—sing it now. I sing with you. [We sing, and a soft child voice sings with us.]

Lightly row, lightly row,
O'er the merry waves we go,
Smoothly glide, smoothly glide
With the ebbing tide.

[Phinuit hushes us, and Kakie finishes alone.]

Let the winds and waters be
Mingled with our melody,
Sing and float, sing and float,
In our little boat.

Papa sing. I hear your voice, but it is so heavy. [Papa and Kakie sing. Phinuit exclaims: See her little curls fly!] [Her curls were not long enough to fly at death, six weeks before.*] Kakie sings: Bye, bye, ba bye, bye, bye, O baby bye. Sing that with me, papa. [Papa and Kakie sing. These two songs were the ones she used to sing.] [She sang slight snatches of others in life—not at the sitting.*] Where is Dinah? I want Dinah. [Dinah was an old black rag-doll, not with us.] I want Bagie [her name for her sister Margaret.] I want Bagie to bring me my Dinah. I want to go to Bagie. I want Bagie. I see Bagie all the time. Tell Dodo when you see him that I love him. Dear Dodo. He used to march with me,—he put me way up. [Correct.*] Dodo did sing to me. That was a horrid body. I have a pretty body now. Tell Grandma I love her. I want her to know I live. Grandma does know it, Marmie—Great—grandma, Marmie. [We called her Great Grandmother *Marmie* but she always called her *Grammie*. Both Grandmother and Great Grandmother were then living.*]

Here is Hattie. Speak to her. I am so happy. [Button string broke—Phinuit is distressed. We gather them up and propose to re-string them.] Hattie says that is a pretty picture there. [Hattie was the name of a dear friend who died several years ago. She was very fond of my copy of the Sistine Madonna, and in her last illness asked to have it hung over her bed,

where it remained till after she passed away. This did not occur to me when Phinuit gave her words, nor for some weeks after the sitting.]

I want the tic-tic. Take the buttons, and give me the pretty tic-tic. Open the tic-tic. Mamma, do you love me so? Don't cry for me. I want to see the mooley-cow,—where is the mooley-cow? [R. H. : Did she so call it? A. : Yes.*] Take me to see the mooley-cow. [She used to be taken almost daily to see the cow.] Phinuit says : I cannot quite hear what it is she calls the tic-tic. She calls it "the clock," and holds it to her ear. [That was what she called it.] I want you to talk to me before I go away from this pretty place.

Phinuit asks : What was the matter with her tongue? She shows it to me. All well now. She has the most beautiful, great, dark violet eyes. [Correct.*] She is very full of life—very independent, but very sweet in disposition. She is very fond of Bagie and Dodo, and so very glad to see you.

Here is Eddie—little thing passed out quite small—she knows him. [Correct.*]

Phinuit tries to get a new name—Louie—Louie—Alonzo. He is here with Kakie and he is a dear fellow. He says : Don't think it wrong to call me back,—I am so glad to come. Did not you dream about him after he passed away? some time ago? a few years since? [Not that he remembers.] Here is a little one Kakie calls your brother. Alonzo, Kakie wants you to speak to her uncle Alonzo. [Mr. Sutton had a brother Alonzo, also Eddie, who died young, and his mother lost a still-born child.] [Boy.*] Mr. Sutton asked : Can he hear and speak in that life? [He was a mute.] He can hear. We talk by thought here. [Phinuit, for Alonzo.] How strange your voice is! I went up, up, up, and came into the light. I suffered a great deal more than you realised, and was depressed. I will take the best care of your little ones. [He had dreaded death, thinking of it as going down into the dark.*]

Phinuit tries to give the full name—says it has two t's, ends in *ton*—tries to pronounce it Cutton. Mr. Sutton said the middle initial in his name was C. "That is it," cried Phinuit, Alonzo C. Sutton. He is very happy. He can look back and see you and your work. Adeline—little Addie—he remembers her. [His sister's baby at the time of his death.*]

[Kakie again.] I will be with you when you do not see me. I want you to tell Eleanor [her little sister*]. I send her my love, and my love to Bagie. I don't forget Bagie. Do not worry for us, we are so happy. Where is Grandma Sutton? I want her to know that I love her and come round her, and sing "Bye, bye," when I am in heaven. I am so happy with all these little girls. What was the pretty white thing, with the pretty flowers hanging over it, that you put in the little mound? [The little casket of our dead, new born baby.] Phinuit says : Three little mounds, but only their bodies there ; their spirits are happy here.

Phinuit says the lady who has Kakie wants to speak to me. He tries to give her name—Mary—where is the school? C———who is Mary C——? [That is the name of the lady.] [The surname correctly given but omitted at request of sitters.—R.H.] She wants you to always remember that your brothers and I are always with those children. [I had one brother only, but

Mr. Sutton's may have been meant, or both.*] I will be with them as you would wish me to be. [I asked about her death.] The thread connected me with the body for a time, till at last I passed up and saw the body. Phinuit says: A—— in the body, daughter to Mary? Mary says so, and sends her love. A great change in her life since she passed out. She is pleased—it was not right that A—— should be so much alone. [Name and statement correct.*]

There will be more harmony by-and-bye. She likes him very well. [This to my question if she likes him.] A—— will understand him better later on. There is opportunity for him to grow spiritually. They will be happy together.

[Kakie again.] I will put my hand on papa's head when he goes to sleep. Want the babe. [Her characteristic pronunciation.*] Phinuit takes the doll and says: She wants it to cuddle up to her, so. She wants to sing to it, Bye baby, bye bye. God knew best, so do not worry. The little book. Kakie wants the little book. [She liked a linen picture book.*] I gave Phinuit a neck-tie and some writing, and he began: Where is father? I don't believe—Charles in the body—where is my desk in my room? [Not intelligible.] [I do not know what is the significance of this. I did not know the gentleman and but little about him. I afterward learned that the desk is significant, also the beautiful face.*] Phinuit describes a gentleman with a beautiful face, greatly agitated, also a very large gentleman with him—he was a great preacher—Phillips—Phillips Brooks. He says: I want to say that when I made mistakes in life, I hope you will do all in your power to rectify them. [I asked if he did not believe in an after-life?] Yes, but I did not believe in the possibility of communication after death. [Mrs. Howard thought this correct. In Dr. Brooks' sermons, "New Starts in Life," VIII., series, recently published, p. 66, in a sermon written in 1873, he avows his belief in the possibility.*] [Mrs. Sutton said that she did not know Dr. Brooks, but it appears from her account given to Miss Edmunds, that she had met him several times, once at a tea with six other persons, but had no special conversation with him. Mrs. Howard notes: "I knew Phillips Brooks from the time I was a girl and had more than one long talk with him." It was known to myself and also to Mrs. Howard, that the Rev. Phillips Brooks had spoken disparagingly of attempts to obtain communications from the "deceased" through Mrs. Piper's trance.—R.H.] Here we see its full importance. [He adds that a mutual friend is very anxious to speak to me.] [Dr. Brooks (deceased) was friend and pastor of the gentleman whose necktie Mrs. Piper held.*] Where is that little book? [Possibly the little book referred to twice at this sitting was the little prayer book mentioned more specifically at Mrs. Sutton's next sitting. See p. 493.—R.H.] Oh, will you help me? Where is John? [Possibly intelligible if from a different influence.*] Where am I? [Phinuit says.] He puts his hand on his heart. He passed out with heart disease. [Correct of the gentleman whose necktie Mrs. Piper held.*]

* * * * *

Here [the hand] wrote for some time. [Dr. J. F. Clarke's name was written. I was affectionately greeted by him, and he asked that I would tell his daughter his desire that she would believe in spirit communication. He

also greeted Mr. Sutton with great warmth—prophesied a bright and prosperous future for us, and said that I would write books. There was also a long and painful effort with great agitation and anxiety to give an address asked for. This address is not known by those desiring to have it. To obtain it was the object of the communication with the gentleman whose necktie was placed in Mrs. Piper's hand. Nothing intelligible was obtained.*] After the writing, we thought the sitting over, and Mr. Sutton had gone across the room, when Kakie's little voice piped up. Want papa—want papa. Dear papa. [Phinuit pats his face.] Do you love me, papa? Want babee. Sings, Bye, bye—papa, sing—mama sing. Cuddles doll up in neck and sings. [An exact imitation marvellously animated and real.*]

It may be of interest to note that the day before the sitting, Mr. Sutton had questioned whether it was right or desirable for them to bring them back for our gratification. It did not occur to him during the sitting, but Alonzo said—"Do not think it wrong to bring us back—we love to come."

The "sitting" was as a whole very satisfactory. The conversation did not follow the order of our conscious minds, and had the movement and vivacity of objective personalities.

KATHARINE PAINE SUTTON.

Second sitting with Mrs. Piper at Arlington Heights, December 21st, 1893.

Present, Mrs. Howard and myself. Report by Mrs. Sutton from notes taken by Mrs. Howard during the sitting.

[Mrs. Piper was sitting talking with us, not ready to be entranced, when she suddenly put her hand to her head, rose, and moved toward the window. Before reaching it she staggered and would have fallen but that we supported her to a chair. For an instant only she seemed lifeless, then as suddenly rose full of animation under the control of "G. P.," who, after a few words of greeting to Mrs. Howard, said so many were waiting for a word with Mrs. Sutton that he would not detain them longer. Dr. Phinuit assumed control, and I exchanged seats with Mrs. Howard, holding Mrs. Piper's hands. He recognised me cordially and said: Baby wants to see her mamma, come, dear. A sweet child voice sang softly,—

Lightly row, lightly row,
O'er the rippling waves we go.
Smoothly glide, smoothly glide,
With the ebbing tide.
Let the winds and waters be
Mingled with our melody,
Sing and float, sing and float,
In our little boat.

[The words and tune were sung frequently by the child during her illness,—the last she sung on earth.]

Mamma sing with Kakie. [{"Kakie" was her name for herself, though she could say Katherine.}] She sang it through again with me.

Mamma, where is papa? Want papa. Kakie wants papa. [Nothing could be more characteristic:—her call whenever she missed him, or heard his voice.]

I told her that papa staid with Eleanor.

Kakie go to papa.

Phinuit described the child accurately—beautiful eyes with long, dark lashes, the sweetest little mouth, and such lovely curls—“the dear, happy little girl.” [The child voice again.] Kakie did see papa. Papa is marching with Eleanor. Sings, “March, march,” etc. [Eleanor is a little invalid. Mr. Sutton carries her a great deal—often sings, “March,” etc.—had done so at this time.*]

I asked her to sing “By Bye” with me, which she did precisely as when here. I could not repress the tears. Phinuit said: You must not weep. When the little shroud is wet, the child grieves.

“Kakie” says: Dear Mamma, do you love me so? I love you and I see you. I am happy here, I have so many little children to play with and I love my Auntie. I like to be with you. I play with Eleanor. Does Eleanor see me? I play with her every day. I like the little bed. I play with it. [The lady with whom we staid in Duxbury had lent Eleanor a doll’s bed, which she greatly enjoyed. Of course we had not associated it with Kakie.] Where is Bagie? [Her name for her sister Margaret.] Tell Bagie I love her. I see Bagie with Grandma. [Margaret was visiting her grandmother.*] I love Grandma. Where is Marmie? I love Marmie. [Great Grandmother—we called her Marnie, but the child called her Gammie, and never Marmie.*] Where is Dodo? I want Dodo. [Her brother George.] Tell Dodo I love him.

Phinuit said: Mary C. wishes to speak to you. [See previous sitting.—R. H.]

She said: We will care for your babies. We love them dearly. Hattie [a deceased friend*] is here. She loves them too. I was not mistaken in the reality of your experiences, or in the good you do. I can see you and know the darkness and perplexities, but it is the darkness just before the dawn. I see you in such a pleasant home, where you will do such good. Why do you get so discouraged? You are bright and good, and help so many others to be better. I see you are nervous and impatient sometimes when the aching body is tired out,—but control your nerves, can’t you, dear? that is all I want to change in you. I know you try, but it seems as if you ought to rise above it. [This is not in the least like her.*]

Phinuit said: There are many here anxious to speak to you. Here is your father and your mother. They have been here a long time,—your mother came first. [Correct.*] They are very bright. They want to tell you to be patient. They see bright days before you. [No. We have had much illness and tribulations manifold with smaller income than ever before.*] And much usefulness, and that all is well with your children here.

I asked my mother’s middle name. I only knew the initial, M. Mary, was the reply.

Kakie wants her buttons. [I gave them to Phinuit.] She wants them all, they are not all here. [At the previous sitting the string had broken and they scattered on the floor. We thought we found them all, but when Mrs. Piper’s sweeping day came, the rest were found and sent to Mr. Hodgson, who did not know to whom they belonged.]

Phinuit said : There are eight buttons here. Kakie, let me see how many you have. [He counts twelve in French.]

I exclaimed : Do you have buttons there ?

He replied : She had not the button, but she has the idea of them, which is the reality. Kakie wants the horse. [I gave him the little horse she played with during her illness.] No, that is not the one. The big horse—so big—[Phinuit shows how large]. Eleanor's horse. Eleanor used to put it in Kakie's lap. She loved that horsey. [This horse was packed, in Trenton, and had not occurred to me in connection with Kakie. What she said of it was true.]

[Kakie asks for her ball. I gave it to Phinuit, who tries to find what she wants to do with it.]

Bite it ? Toss it ? Roll it ? Throw it ?

[No, she wants a string. Mrs. H. gave him a string. He tries to tie it around the ball.] [A little red wooden ball with a hole through it. The ball had a string through it when she used to play with it.*]

No, that is not right, through it.

There, there, be a good little girl. Don't cry. Don't be impatient, you want your mamma to see how you do it, so she will know it is you, don't you, dear ? Old man will do it for her.

[He put the string through, held it up, and hit it with the finger, making it swing.]

That is it, is it not, darling, ? Nice little girl as ever was.

[While she was sick, it was her great delight to have me hold the string, and let her hit the little red ball with her finger or spoon. She made the motions as if doing it, after she became unconscious.]

[Again I saw her for a moment, (*i.e.* Mrs. Sutton herself saw the "apparition" of Kakie. See introductory remarks to her sittings p. 484.—R. H.) standing at the table, trying to reach a spool of tangled red knitting silk, and at the same moment Phinuit reached for it, saying :] She wants that, she and Eleanor used to play with. She calls it Eleanor's. She is delighted with it—it brings her nearer her little sister.

[All true, but I had not connected it with Eleanor in my thought.]

I gave Phinuit a lock of Eleanor's hair. He felt it a moment and said : You cut that close to the head—that was right. I can see her perfectly—lovely little girl. [I had not told him whose hair it was.] She is inclined to be irritable—nervous, I mean—nerves are irritable. One of the dearest little things that ever lived. Must be watched carefully on account of her nervous condition. Do everything to soothe her. Rub her a great deal, that is good for her.

Mrs. Howard asked : Would Christian science help her ?

Would what ? exclaimed Phinuit.

Mental treatment.

Oh, yes, that would be good for her. Keep her in the open air as much as possible. Do not let her get tired. Carry her out with something soft at her back. She has been very ill. How that poor child has suffered ! [She is recovering from spinal meningitis and paralysis.] She sleeps badly—twitches—delicate stomach—that is nervous—bowels constipated. Keep them open. Poor little back ! Do not give her any fruit for some time.

With care she will get over it in time. At least, I do not see her go out of the body, but I see she is very frail. She must have great care, or she will go out like that [snapping his fingers]. [She still lives and now begins to walk and improve, but has been very ill and a great sufferer ever since this sitting. We have only held her by the greatest care.*]

You have a son,—tall—I see him—a beautiful young man. Dodo—Kakie calls him Dodo. . . . Kakie wants the book with red letters and pictures of animals. [Correct description of a book she was fond of.*] She wants Eleanor's hair.

Phinuit makes the motion of drawing something from it and giving it to her, saying: Now she has it. She can get nearer her little sister with it. . . . I gave him a bit of Mr. Sutton's hair, without saying whose it was. As he took it, he said laughing: That is papa's hair,—mighty little of it, was not he stingy of it though? [When I cut it, Mr. Sutton warned me playfully that he had not much to spare.] He will live to be a hundred. You need not worry about that. [Mrs. S. has all of a woman's solicitude for a perfectly healthy husband.—S. W. S.*]

He described his character accurately,—noble, unselfish, broad-minded, too modest—not enough self-appreciation. He is not appreciated, except by the few who know him well. Never mind, it will not be always so, it will come all right. He has a brother here,—Alonzo, and there are two others with him—they came here very young—one never lived on earth. [True.] Alonzo loves them and your children very much. He is very happy—so glad he came here. . . .

Phinuit described Mr. Sutton's mother.—The dear, sweet old lady—she is so good—I like her. Described Mr. Sutton's father—said he was not well, [true], that he would not live long—that he would go there then—that he would benefit Mr. Sutton. [He lived three years. His wife died a year before him. He left a small insurance which Mr. S. shared.*]

Phinuit exclaimed: I see you in such a pleasant home! All the surroundings so pleasant—lovely trees. Mr. Sutton will receive a "call" soon from a good parish, and will accept it. Substantial people—a good work in a small town near water. [I asked if it was Duxbury.] No, Newburgh? No, not so far from Boston. [I named several places.] I think it ends in ton—Winchendon sounds like it. I think it is there. He says there are two churches there on a hill,—a little church with quaint, peculiar spire, and a chapel,—what do you call it? Vestry, church parlors, etc.—a comfortable support and opportunity for a good work. You will be successful there, and it will be a permanent settlement. But before this comes, it will seem very dark, very dark to you. [We came to *Athol* to a small struggling parish and small salary! No vestry, or anything of the sort. The church is the usual old New England white church and steeple. It is on a hill-side. Our house is among pine trees and charmingly situated, but the permanence of the settlement is problematical.*] Here is Kakie with Uncle Charlie [my brother.] He did not know he was coming. It was very sudden. He went to bed with terrible pain in his head, and the next he knew he was here. He is so grateful to you that you never doubted him—it grieved him that anyone could. How could anyone have thought he would do that? [He was found dead in bed in his twenty-fourth year.

Some thought he committed suicide.] [A small vial that had contained chloroform was found in the room. He had sometimes put it on his head when in acute pain. The physician who was called said that had it been full it was not enough to cause death. He died of valvular disease of the heart. He had been told by two physicians a month before that he was liable to die any hour and could not live long.*] He is very happy here. He would not come back for all the world, Phinuit turns his head, as if looking at a child beside me, and says : Yes, I know "Kakie wants," but Kakie must be patient, others want to speak to mamma. [She was very persistent with "Kakie wants" when here.] He loves your children, and they love him. He is with you in all your trouble. He sees a brighter future for you—this will not last. . . . You dear little girl, you want to get in mamma's lap, and you shall. [Phinuit makes the movement of lifting her into my lap, and for a moment I saw her distinctly lying in my arms, with the sweet look of demure contentment she used to have when I held her.] Phinuit said : You have a child here who came long ago. He is a beautiful spirit now, he does not get near enough for me to hear him, but I can see him. And there is another little one here, too, they call "baby," not long here, it never lived on earth. Mary C— has it. She does love that baby so, she and Hattie. Elizabeth is here, too, they love you and will care for your babies. [Elizabeth. Possibly an old lady I dearly loved, but I never called her or heard her called Elizabeth.*]

Kakie wants the little bit of a book mamma read by her bedside, with the pretty, bright things hanging from it—mamma put it in her hands—the last thing she remembers. [This is curious. It was a little prayer-book, with cross, anchor, and other symbols, in silver, attached to ribbons for marking the places. It was sent to me by a dear friend, after Kakie had ceased to know anyone, except, perhaps, for a passing moment. I read it, and so did our physician, in the night watches, when she seemed unconscious, and *after her death* I placed it in her hands to prevent the blood settling in the nails. The last thing she remembered was my placing it in her hands ! What does this signify ?] [Mrs. Piper held her hands in just that position when she asked for it.*]

You have so many friends here, but you do not need to come here to meet them. They come to you, and you see and hear them. There are many here whom you have helped, and they crowd about you. You have done much good, but you have much more to do. You have many dear ones here—so many. Here is an old gentleman wants to speak to you, Dr. Clarke. [I saw James Freeman Clarke as he spoke.] He asks if you gave his message to — [name of his daughter*]. [I had not written to her, as I had expected to see her.] Here is a gentleman very anxious to speak with you. [I hoped to get the much desired address.*] He did not know you in the body. You have seen him since he came here. He has tried to speak to you. You have a mutual friend. Tell her he is living here in this beautiful world. He told where he was born and where he died [correctly, though at the time I thought both wrong]. Asked that his papers in A— be sent for, and tried to give an address. All we could get was, B—, 2771. Orvæ [Nothing in the least satisfactory]. Phinuit said : Try to write it.

The remainder of the sitting was occupied in writing. [I cannot give more details of this. It was all confused and agitated. Nothing given that I had not known that was intelligible.*]

This sitting was more satisfactory than the first. It was freer in movement, more friends communicated, and there was less agitation.

[MRS. SUTTON.]

[It may be worth noting that in these sittings no mention was made of the near death of my grandmother, who always helped me. She lived with me, and at her death left me enough to somewhat ease our straitened circumstances.*]

December 7th, 1893.

Sitters: M. Paul Bourget, Mme. Bourget, and part of the time, Marie Garin, a servant of Professor W. James, who made the appointment for the sitting and at whose house in Cambridge the sitting was held. I understood from Professor James later that the sitting was successful as regards Mme. Bourget as well as M. Bourget. But Professor James never received any account from them. On the day following the sitting Professor James wrote me the following account of the statements made concerning Marie Garin. (M. Bourget had another sitting on December 11th, 1893, p. 495).

Cambridge, December 8th, 1893.

DEAR HODGSON,—The Piper sitting with the Bourgets yesterday was a fairly successful one, though there was much confusion owing to the number of clues that were started and could not develop in the 2 hours and 20 minutes that the trance lasted. . . . I have urged B. to send me a written account. Meanwhile something interesting occurred to my servant Marie.

In Weir Mitchell's very bad sitting, six weeks or so since [see p. 482], the name "Marie" kept coming, and he failed to connect it with any one whom he knew. I thought of our *bonne*, but said nothing, as I didn't wish to confuse M.'s hour. Yesterday the sitting opened with Mme. Bourget holding Mrs. P.'s hand, and this same name "Marie" and "I want you to tell my sister Marie, in the body," kept coming through the hand, mixed with much other matter. At last a name "Carrie", or "Garie" came, which was so like Marie Garin's surname that I got her to come up to see if she were the Marie in question. Immediately she took Mrs. P.'s hand the other hand wrote "Sunstroke. I passed away with sunstroke, I am glad to see my dear sister Marie. Tell Mother I am happy. The children are well with her. There has been great confusion but the two children will be well with her, etc."

I don't give the exact words, some of which came through mouth. There were other names and references which Marie couldn't understand. One of these was "James." Mme. Bourget said to Marie "That's Jacques in French, have you any Jacques?" The hand then wrote Jack Alexandre.

Jacques Alexandre being the name of an uncle of Marie's who many years ago came to America and had never been heard from. Louise, Daniel, Julie, Eugenie, Charles were mentioned, all being members of Marie's immediate circle, Louise her mother's name. The whole thing very brief.

Now Marie's brother had had a grave sunstroke shortly before we left Switzerland in August. In September Marie got a letter from her mother saying he was dead. The mother, Louise, has Marie's two children with her. No member of this family ever mentioned this to Mrs. P. I mentioned it to you and M., as a good possible test for Mrs. P. before the news had come of the death, but M.'s sitting was otherwise so full that Marie was crowded out. Marie herself hardly speaks two words of English, and only knows two persons in Cambridge, servants who know nothing of Mrs. Piper. She is very reticent and says she does not *think* she has mentioned her brother's death to these persons, one of whom is a recently arrived Italian servant and the other a French Canadian servant of the Münsterberg's. . . .

WM. JAMES.

December 11th, 1893.

I met M. Bourget on the evening of December 10th, and he referred to Mrs. Piper [see record of December 7th, 1893] and expressed the wish to have another sitting. It happened that a person for whom I had arranged a sitting for the next day was unable to be present and I took M. Bourget to the sitting instead. He took an article to the sitting about which Phinuit occasionally made some comments while the writing was going on. I ascertained later from Professor James that some reference had been made at M. Bourget's previous sitting to the lady who had drowned herself. The notes italicised in square brackets were made by M. Bourget himself during our return to Boston in the train, and the other confirmatory or non-confirmatory notes were my contemporary notes from statements made by M. Bourget. The notes of Phinuit's remarks during the sitting were made by M. Bourget. The record is not adequately annotated. I hoped to have made some further inquiries through Mrs. Piper's trance, and I understood from M. Bourget that he would send me some articles for experiment so that I might obtain answers if possible to his special questions. He did not, however, communicate with me again, and made no reply to my later inquiries. I now insert some additional explanatory remarks in the record, according to my remembrance of what M. Bourget told me, signing these R. H. Soon after the sitting began, M. Bourget asked questions, four specially, which he continually repeated, in English. He wished to know

1. The name of the painter who painted the portrait of the lady, a portrait which M. and Mme. Bourget had seen on a visit to the lady in

question when the lady herself however was absent. M. Bourget did not know the name of the painter.

2. The first name of the lady.
3. Place where the lady lived.
4. Place where the lady died.

Some of the writing is addressed to M. Bourget, some of it to myself and some of it apparently to the would-be communicator, to be imagined as talking to G. P.

[So far as I am aware, the communication purporting to come from Mrs. Pitman is the first and only one from her through Mrs. Piper. Part at least of what she first wrote was apparently addressed to Phinuit, "if you will forgive me for doing as I did by you when I was in the body." Early in June, 1888, Mrs. Pitman, who was a member of the American S.P.R., had two sittings with Mrs. Piper. She was on the point of making a trip to Paris, and died in France that year, and my notes of her sittings were not commented upon in detail.

At the time, Mrs. Pitman apparently regarded them as failures, but was much impressed before her death at what she believed to be the fulfilment of Phinuit's prophecies. This I ascertained afterwards from a Boston lady, Miss Josephine Jenkins, who was with Mrs. Pitman during her last illness. Phinuit said "You're going to be very sick You're going to Paris. Going to be quite sick. Going to have a weak state of organs of stomach. Weak in head. . . . Sandy-complexioned gentleman will take care of you when you are sick across the ocean." As I remember, Phinuit several times evaded Mrs. Pitman's question as to her health after this prophesied illness, until finally she requested me to get an answer. I urged Phinuit to tell us, and he replied "After she gets over illness she'll get on all right." These quotations are from my original notes made at the sitting. Mrs. Pitman denied that she could have anything the matter with her stomach, and contradicted Phinuit on this and other matters in a way which seemed to annoy Phinuit very much. When Mrs. Pitman was seriously ill, and was attended by Dr. Herbert (described by Miss Jenkins as "a decided blond") who treated her for "inflammation of the membrane of the stomach," she recalled the details of her sittings and reflected that she had done Phinuit an injustice, and believed that she would recover, since Phinuit, she thought, had so prophesied. Phinuit's exact words, however, as given above, appear to be somewhat oracular.

As I learned from Miss Jenkins, Dr. Charcot in June said that Mrs. Pitman's trouble was a nervous one and put her under his hydro-pathic treatment. "At first the baths improved her, but when they were renewed in the autumn she seemed to go all to pieces and her

mind was affected. A seeming cold after one of these baths developed into this inflammation of the membrane of the stomach, as Dr. Herbert said." Mrs. Pitman grew worse, and Miss Jenkins finally sent for Charcot, who pronounced the trouble to be "consumption of the spinal cord," and said that she could not live. "This consumption of the spinal cord, I forget the technical term, is not a rapid matter, and poor Mrs. Pitman had been suffering with it for years."

When the "Mrs. Pitman" statement came I suggested to M. Bourget that he should talk in French, as he then did. My impression now is that he continued talking in French till the end of the sitting, and that he told me afterwards that his remarks and questions appeared to be clearly understood by the "writer." The last two words written followed a spasmodic resumption of the pencil after the writing had apparently come to an end.—R. H., 1896.]

[After a few remarks by Phinuit, the hand was seized and the first two words were written faintly. Then came a strong writing, beginning *Oui*, coming from G. P.—R. H.]

A Leuille.

Oui rou de la Monserer, Paris. [My street.]

How are you, Hodgson. I came in to help you out. Mademoiselle . . . [undec.] is here in the spirit, but she speaks in French, which I do not understand, and she wishes to speak to the— Hodgson, tell me who she is, Hodgson, . . . No, I think not. I'll go and speak to her directly.

She had a severe trouble with her head before she passed out, then she had some confusion. [*True.*]

But, now believe me, Hodgson, she is most anxious to awaken so as to speak to this gentleman, and . . . give me my hat or the bangle [articles which had been worn by G. P. and had been used in previous sittings.] Help her and I will do my level best. . . . give O the— fire away, Hodgson.

Sir, I get from your friend here a beautiful lady who was an artist by profession, who had very expressive eyes and short hair, combed and parted curiously on the side. [*True.*]

Bou P. [undecipherable] yes, did you say? Whose do I see. . . . but she is talking to me and you must not crowd but wait patiently until I translate what she says . . . not trouble her about any one thing, but first wait until I get her quite clear.

She says that she, in a fit of insanity, she jumped out of a gondola or boat, as I get it. [*True.*] And when she awoke she was here and I speak to her to come here with me and tell her friend who she is and what she can remember.

Arselieu (?) . . . Ar P. . . . J A J. . . . A 1. . . . she is spelling it to me. . . . A1, yes, it is . . . yes, where are my books? . . . where is the little Petite . . . little ring [this unknown] . . . Yes, she gave to you. . . . but she has it. : : : Where is B? . . . Tell him to speak to her now. . . . Millen. . . . Millen (?) . . . speak to me, Bou. . . . then,

Bour, she is doing very well. . . . Hodson. . . . yes, very.
 . . . but I understand you wish her to give two names. Now,
 which is it? Her name and the Adelin (?) [Not known to B.] I do
 hear her say . . . A . . . Artist. . . . Oh, I see. I'll ask
 her. . . . she is thinking (?) . . . and she will get it.

Who is this man Jenks, who is talking to G.? Oh, no, something which
 you said . . . told. But it was (?) lasn (?) . . . Pot. . . .
 yes. . . . yes. . . . that is right. [Reference to previous sitter.
 See p. 381.]

P P [undecipherable.] Borshing (?) Bou. Oh, that she calls continually.

Where is my friend B— . . . But I am. I'll go and speak to her,
 then I'll come back soon. Yours, etc., G. P.

Yes, I'll get it for you from her. I am going now. Adieu. G. P.

I remember. Remmi (?) . . . R E A. . . . R e m e m b e r. I
 will return soon and get it. Adieu.

[*Phinuit.*] Some person connected with the writer of the letter has
 something matter with the sole (?) of the foot.

Pictures all around it.

Who is John? . . . he is very funny—he is in the body—in some
 large building—in the college—across the water—he writes something—
 papers. . . .

N [uncertain.]

[*Written by G. P.*] Now I have returned and the name is not to gotten
 by her, Hodgson, to be found out from her. No she refuses to give it to
 me. I have asked and urged her to give it me, but alas no it is no fault of
 ours I can assure you. . . .

But she passed out of a city and in the water. [*True.*]

What does it mean. Oh, Hodgson, she knows perfectly but I cannot
 seem to make her understand but she has just told me that she was in a
 . . . but she doesn't [?] recall everything in . . . What does she
 mean by Rede—lean—Re den—Reu de . . . she told me to give it
 . . . yes—yes—Reudemmer—yes—yes—yes—yes—can't—he cannot—
 R enned—Rendemet—R E N—N e E—R M I E—yes—yes . . . all
 right I will give it. Remmer [?]

N . . . oh . . . please talk to me. . . . all right I will.

[*New writing.* Three words, the first and second probably *mon*, and
 the third probably *dieu*.]

[*New writing.*] I came in for one moment to speak to you sir . . .
 and say that if I can do you any good I will. Who are you first of all? I
 used to understand French very well, so I will assist this lady if you will
 tell me who you are, and if you will forgive me for doing as I did by you
 when I was in the body. I am Marie Pitman. Pitman—I used to see you
 when I was in the body. I kinskey—spinkinsey. [Attempts at an answer
 to one of B.'s questions.—R. H.] Putman—Pitman. . . . she is
 Polish [An approximation.—R. H.] Yes. . . . but I understand just
 what you wish and am . . . yes, I will ask her who painted her por-
 trait . . . all right. . . . she says she knows him very well, and
 his name is W . . . [undecipherable, like Worleasnee] yes W . . .
 no it should not be W, but speak your messages quite clear. Tillie. [*Her*

name was Matilda.] Yes it [undecipherable] understand. A. I do not go yet. want to help you do this and I will try for him.

Will you like this Monsieur . . . [undecipherable.] Bonny (?) [Bourey (?)] [Undecipherable.] B . . . there have it . . . it is written for him . . . oh, I do wish I could have been in here before . . . yet I will help you . . . but I am going [undecipherable] with you, don't you want me to . . . [?] [Scrawl—undecipherable.] A . . . [Undecipherable.] [A name beginning with A. the correct answer to one of B.'s questions.—R. H.] Venice. [Venice correct answer to one of B.'s questions.]

March 2nd, 1894.

Sitters: Mrs. M. E. P. (Associate A.B.S.P.R.), and lady relative, Mrs. Dale (pseudonym). R. H. present at beginning and end of trance. The following record reached me with a letter of March 29th, 1894.

On March 2nd, 1894, a young relative and I went to see Mrs. Piper, a sitting having previously been arranged for us by Mr. Hodgson.

When we reached Arlington Heights, accompanied by Mr. Hodgson, who kindly went with us, we drove directly to Mrs. Piper's house. We were introduced to the medium, who opened the door to us, as Mrs. Jones and Mrs. Robinson. We had never seen her before, She struck us agreeably at first sight. A naturally refined and womanly woman, and very genuine she seemed to us. After a little desultory conversation she went into a trance and was controlled by Dr. Phinuit. The passing into the trance state was disagreeable to witness. It seemed to me like a person inhaling ether very unwillingly, and with more or less struggle.

As soon as Mrs. Piper was well under the influence of the so-called "Dr. Phinuit," Mr. Hodgson left the room, and we had our experience to ourselves.

Dr. Phinuit turned to my companion and told her accurately the number and sex of her children, and described very truly the character of her governess and nurse, and also gave some advice about one of the children who is rather delicate.

I had taken a hat-band with me, belonging to a young friend who had gone away for his health. This band Mrs. Piper applied to her forehead, and described fully the person to whom it belonged, saying he had a great deal of headache from over study, but rest and a change he was then having would soon set him right.

A good deal of the time of our sitting was taken up with the effort of a friend to make himself known to us through writing. He had been dead 27 years, and it was difficult for this reason, so he said, to communicate.

Much of what was imparted to us was too personal to be repeated, but nothing was said that was not true. We afterwards, however, came to the conclusion that every thing we had been told might be explained by the theory of thought-transference, except one or two predictions that are yet to be verified.

After seeing her, we felt no doubt of Mrs. Piper's genuineness.

M. E. P.

In reply to my inquiry, Mrs. P. writes on August 3rd, 1896 :—

“In my sitting with Mrs. Piper, March, 1894, she predicted three things that were to come to pass in my life. One has been fulfilled, the other two are still to be verified ;” and on August 10th, she adds : “The prophecy that was fulfilled was that we should leave our (then) home and settle in the city in a corner house. This has come to pass. The other predictions unfulfilled are of a more private nature.”

On March 3rd, 1894 (see p. 505), the first writing that came was as follows [names altered] :—

“I am Polly, sir, and I want to see my sister, Alice Dale. You tell my sister I am happy. I am with Elsie at all times, also my own [or “come”] little girl. Tell her I am living [?] for her and Will. I often see Alice Wilkinson . . . yes, sir. [R. H. asks if she will be able to speak with the voice.] Yes, this old gentleman [Phinuit] has told me I could . . . thank you, sir [to the sitter who deciphered the word “could.”] I shall be so happy, sir, thank you ever so much. [Then evidently to Phinuit.] You are a dear old fellow and I like you already, sir. [Phinuit says : “Never mind talking to me. You go on, sis.”] for letting me come in here so dearly [?] [Disturbance in the hand, and scrawls] do help me, sir. [Scrawl.] Uncle Will is so fond of mama he cannot help coming in here to express his love for her, thank you, sir [to the sitter, who deciphered the words “for her”]. You have light, haven’t you, so you see what I say very well, and I am very grateful to you for your kind help, assistance . . . do, oh yes, I see his father, yes I do, also a lady friend of his. Alice is all right and I love her dearly.”

I sent this communication to Mrs. Dale with inquiries as to its relevance, and asked her whether the names had been mentioned at the sitting of March 2nd. She replied on March 5th :—

“‘Dale’ and ‘Elsie’ may have been casually mentioned at our sitting. Alice Wilkinson was not, but the wording of the sentence spoils what might have been quite a remarkable knowledge of names. It reads, ‘I am with Elsie at all times,’ and further down the page, ‘I often see Alice Wilkinson.’ ‘Polly,’ who purports to write the communication, was my adopted sister, whose real name was Alice Wilkinson. My last baby is named after her, but is called Elsie, to avoid confusion, as my name is also Alice.”

On March 8th, 1894, another writer (“Q.”) in the middle of a communication wrote :—

“Here is a dear lady whom I have met who is very anxious to speak one word. Her material name is, or was, Polly Watson. She says, do not worry about her she is happy. God knows best. This is all I hear. [R. H. asks about confusion in previous message. Why should Polly say she was with Alice Wilkinson when Alice Wilkinson was herself? If she is there still, ask her to explain this.] Yes. Alice Wilkinson and Watson are both her name, but this was not she who wrote it for you but another lady who was just coming in, and caught what she said, and I have no doubt she put it on paper as she heard it. You will understand it.”

Again, on March 13th, 1894, Phinuit said (whether in reply to a question of mine or not I do not know, but no question was recorded) that "Polly began to write her own message, but that Daisy [name of deceased wife of sitter on March 3rd] completed it."

The next communication was from Mrs. Dale, but whether I sent *both* the foregoing explanations or not I do not remember. I must have sent her at least *one*. She was away from home at the time, and her letter is dated April 6th, 1894, and was forwarded to me to New York when I was busy interviewing witnesses and supervising a series of sittings that Mrs. Piper was giving in that city. She wrote: "Dr. Phinuit has made a delightful mess out of his explanations. You misunderstood my complicated note, and Dr. P. took your version of the affair."

In going over my documents I found that this letter from Mrs. Dale was apparently never answered, and I wrote to her recently to have the matter cleared up. My explanation is that probably "Daisy" was in contact with the writing machine as it were, and was communicating the words thought by "Polly," but also her own words or possibly the words of some other "intelligence" present, so that it was either "Daisy" who thought the words "I see Alice Wilkinson," or some other person—possibly "Q."

Mrs. Dale, who is now at a distance, states in a letter received August 13th, 1896 :—

"As you have written out the words and explanation in this letter, it *all* makes sense. I will read it over with you some day and explain it to you. It would be all too long and complicated now. Mrs. Piper is certainly a most interesting phenomenon, but I do not like to have her brought into spiritualistic relations with one. It seems sacrilegious to me, as I do not believe that such things are any more than mind-readings."

The names and circumstances referred to in the above communications were unknown to me.

March 3rd, 1894.

Mr. Charles Heywood, Gardner, Mass. (Associate A.B.S.P.R.).

R. H. present part of the time.

Mr. Heywood accompanied me for a sitting on March 1st, 1894. There was no speech but apparently strenuous attempts at writing as by different persons. The oddities of spelling and writing were probably Phinuit's. The following is the complete record of the writing of March 1st.

no light no light here [Spelt backwards and written forwards, *on thgil*, etc.].

no liht liht [spelt backwards and written forwards] no [written correctly].
 no liht can't stay y yes no liht [Spelt backwards and written forwards].
 can't stay [spelt forwards and written backwards, *i.e.* *yats tnac*, beginning
 with the letter *c* and writing from right to left].

here [spelt backwards and written forwards, the *h* in mirror-writing].

Phinuit [mirror-writing] followed by a stroke with an *r* perhaps intended
 for *Dr.*

on tighl [or lighl].

too bad [spelt backwards and written forwards] bad dab oot.

Dr. Phinuit [spelt backwards and written forwards, and some of the
 letters mirror-writing].

Adieu [Spelt backwards and written forwards].

No use G. P. [followed by a scrawl suggesting *Adieu*].

I want to see my brother Alice [followed by a scrawl which I conjectured
 at the time might be *James*. Professor James has a sister Alice deceased].

Walter [?]

Water [? Vater?]

[Two illegible words, the first looking like *hs* written upside down, and
 the other conjectured by me on the day of the sitting apparently to be
Phinnuit written upside down in mirror-writing].

No use (We'll come again) oh do oh do I must speak to him because
 I was wrong to him.

[illegible scrawls suggesting a signature of initials]. Adieu G. P.

Mr. Heywood accompanied me again on March 3rd, 1894, and had
 a successful sitting. In the afternoon of the same day, he wrote me
 the following letter:—

Gardner, *March 3rd*, 1894.

MY DEAR MR. HODGSON,—After arriving here this afternoon, I took the
 envelope containing articles belonging to my wife to the room where her
 belongings are, and requested her to ask Mr. Pelham or Dr. Phinuit to give
 to you from her some further explanation of one or two things in our
 interview. So I will be obliged to you if you will watch out for anything
 from Pelham or Phinuit.

On looking over my notes, I find this curious thing :

D. P. B. : "Where are those pants?"

C. H. : "Pants?"

D. P. B. : "Yes, those light things. I do not like them—too much like
 a negro."

C. H. : "Negro?"

D. P. B. : "Yes."

The fact is that in the summer of 1891 (the year before my wife died), I
 had a pair of very light coloured and very loud trousers, which afforded
 infinite amusement to my wife and myself. I used to call them, in allusion
 to their similarity to the nether garments of coloured gentlemen, my coon
 pants!

Will transcribe and send soon. There are some things which I am much
 in doubt about, as there are various possible readings.

C. HEYWOOD.

Concerning the first paragraph of the above letter, the only memoranda which I can find of any special messages concerning Mr. Heywood are that on March 7th Phinuit said: "Do you know Daisy Bradford? She's very grateful to you. She isn't here now, but she told me to tell you," and on March 10th he said: "Do you know anybody named Heywood? (Yes). There's a lady wants to send her love to him."

The following documents explain themselves.

Gardner, *January 10th, 1895.*

DEAR MR. HODGSON,—In fact, it occurs to me in looking over my papers that I never sent you the promised transcription of the results of my sittings with Mrs. Piper last spring. There are two reasons for this. My interpretation of several obscure passages obtained at the first [second] sitting, which I wrote out fully and carefully, were materially modified by communications received at the second [third] sitting; and all the writing secured at that sitting, I regret to say, has disappeared, and I am afraid got burned up with a lot of old newspapers, etc., which a servant had received orders to destroy. At any rate I can't find any traces of it.

Much of the report already written out, therefore, was rendered valueless, and some of the more striking proofs, or at least coincidences, were so entirely personal as to exclude, for propriety's sake, their appearance in print. There are many things, however, which I can write out for you, and this I will do gladly if you desire.

Phinuit made some remarkable prophecies at my last sitting. The minor predictions, many of them, were fulfilled, and I naturally expected a corresponding realisation of the two great predictions up to which the lesser led; but the Doctor evidently took too much for granted. The big things failed to occur. If Mrs. P. is still giving sittings please remember me to Phinuit, and ask him if he ever sees Daisy Bradford or Charles Heywood. You were obliged to interrupt my last sitting at the critical point when the intelligence purporting to be that of C. H. (*my father*) was about to say something which he considered of very great importance, and of vital interest to me. I have always wanted to get hold of him again.—Truly yours,

CHARLES HEYWOOD.

Gardner, *February 10th, 1896.*

DEAR SIR,—After writing my letter of last week, I made a strict search among my papers in an endeavour to find the MSS. obtained upon the occasion of my second visit to Mrs. Piper (the first visit which afforded satisfactory results).

But I was unable to find them, and learning from a friend of the family that my mother had had them in her possession a short time before her death, I came to the conclusion that they could be found, if at all, among her papers.

I dismissed the subject from my mind for the time. But last night, having occasion to open my mother's safe, my brother-in-law and I found therein, not only the original writings, but my transcription and supplementary dialogue, made within a week after the sitting, together with some

additional comments in my handwriting, the existence of which had entirely escaped my memory. In fact, I hadn't seen the transcription itself for a very long time, and I couldn't have sworn to its existence, nor whether, in fact, an entire transcription had been made.

* * * * *

Of course any attempt at this late day to construct a dialogue from the automatic writings would be almost valueless, but the selections which I send you are from the aforesaid transcript made within a very short time of the sitting. I send all which I can positively submit to strange eyes, and I beg to assure you that what is omitted is of a character which exhibits startling internal evidences of being communicated by the personality of my dead wife.

As I have said, the notes of the second (really the third) séance are lost, but from the memoranda concerning it found last night, and from my memory of its salient points, I am enabled to give some interesting information about it. . . .—Sincerely yours,

CHARLES HEYWOOD.

Gardner, Mass., *February 10th*, 1896.

Some Notes upon Automatic Writing obtained through Mrs. Piper.

I have had three sittings with Mrs. Piper. The first was unproductive. Phinuit said there was not enough "light." The second lasted about one hour and a quarter, and was devoted wholly to automatic writing. Phinuit was very quiet, and "George Pelham" seemed to be the controlling and directing intelligence. Of course, nearly all the writing was done by the "D.P.B." intelligence, but Pelham seemed to supervise, and at times took the pencil himself and assured me that he was looking after things. "D.P.B." spoke of Pelham as standing within "earshot," if such a term may be used.

The third sitting occupied one hour, and was divided between some "psychometry" by Phinuit, and writing by "D.P.B." and an intelligence said by "D.P.B." and by himself to be the spirit of my father (died 1882). The writing obtained at this time cannot be found, but from the memoranda in my possession I can say that the results were in most respects eminently satisfactory. "D.P.B." gave an eminently satisfactory explanation of the "Haskins" matter [see p. 505]; while my father brought along the spirit of Amos Morrill (died 1891) with whom he had been in business relations for many years, and they gave me some exceedingly good business advice, and made one or two predictions, in a general way, which have been fulfilled.

Phinuit's readings from locks of hair, gloves, etc., pressed against Mrs. Piper's forehead, were excellent so far as they related to the character of the persons and their circumstances, but his predictions were simply my own ideas of the *probabilities*, and in almost every instance have failed.

From my minutes made shortly after the first [second] sitting I quote:—

"The intelligence which controlled Mrs. Piper's hand, whatever it was, possessed or had acquired an intimate knowledge of my married life, and an intimate acquaintance with the little mannerisms and more superficial characteristics of my late wife."

* * * * *

"Favourite expressions often used by her, *i.e.*, 'Don't be stupid!' 'Now you are waking up!' 'Well, I should say I had!' 'Don't I?'"

‘Well I guess!’ ‘Dear,’ and particularly ‘Dear little boy,’ flowed from the pencil in such a familiar way that I felt the influence of her personality very strongly. Some little traits were shown in the impatient brushing away of loose articles upon the table, and the pounding of the table with the fingers when perplexed.” When I saw that motion I exclaimed: “Ah! now I recognise you beyond a doubt!” Little things like that seemed to supply the missing links in the chain of identity.

In closing I wish to mention one fact which struck me at the time as very awe-ful and impressive. On one occasion the point of the pencil was broken suddenly, and the hand turned the point up in precisely the fashion it would be turned up for the inspection of one standing just at the medium’s shoulder. My sensation at the moment was that it was as if some person behind the medium had slipped his arm through the medium’s sleeve, and was in this manner writing.

CHARLES HEYWOOD.

[*From the Automatic Writing at Sitting of March 3rd, 1894.*]

D. : Charlie, I am Dorothy [a pet name of my wife] C-h-a-r-l-i-e, this is to you. Will tell you all soon. Wait for him [me, her.]

G. P. : The lady is [through?] [This was a fragment intended for somebody who had sat the previous day.] [See pp. 499-501.—R.H.] George. Read [a scrawl, perhaps meant for “Charlie.”]

[Daisy?] I am here [a scrawl, then “strong.”]

C. H. : What is that?

G. P. : Strong. I am and I saw her and in consequence right it for you. Hodgson and Heywood: Ha! ha! See how George spells “write!”

G. P. : Am I not *right*? [Presumably to D. P. B.] Well, do speak and I will help you. This was a mistake, if you please. Trust me—trust it to me, sir.

C. H. : What, to her?

G. P. : No, to me. [Probably G. P. was acting as amanuensis throughout.—R.H.]

C. H. : Is this Daisy?

D. P. B. : Yes, and I love you and I want you to forgive me for not coming before. I tried so hard to reach you, dear Charley, you know— [Neither I nor my wife ever spelt my name “Charley.”—C.H., ’96.]

C. H. : Yes, I know, dear, but now you have come to me.

D. P. B. : Oh, speak to me! My cough is right all now [all right now.] Where is my picture, dear? Give it to me a minute. [My wife had no cough.]

[I carry a photograph of my wife in my watch case. Taking the watch from my pocket I placed it in the hand, which rested upon it a few seconds, and then resumed as follows:]

D. P. B. : Do you miss me now? I see you always.

C. H. : I can scarcely believe this to be you, Daisy. Can’t you give me some proof?

[Then followed an attempt to write a name. Probably ten minutes were consumed in this effort, but she seemed unable to write the whole name. It was a name similar to “Haskins,” let us say, and she wrote “Askins,” over and over again, confessed her inability to complete it, and then wrote the

first three letters of the given name of the person. She finally *spelt it phonetically*, but I absolutely failed to recognise what she was driving at, and remained in utter ignorance until the next sitting, when she was able to write the full name correctly, and imparted a bit of information of which I was entirely ignorant. She had intended to tell me the matter, and about a month before her death had started to do so, but something had turned the conversation. The whole affair was so trivial (although very personal) and so natural a solution of the difficulty that I have often wondered at my blindness, and laughed at the ridiculous answers which I hatched out in the interval between the two sittings.

In attempting to explain the matter at her first sitting, she referred me by name to a person who might readily have given me the needed information, but I felt unwilling to discuss the matter.]

C. H. : I can't think what that means.

D. P. B. : Do, dear. Give it [the watch] to me a minute. Oh, how this helps me. I am still a little confused—fused—fused: I will be all right in time. Wait for me. I could not stay longer—[any?]-longer. Where is Jack?

C. H. : Jack? I don't know whom you mean.

D. P. B. : Yes.

[I am now convinced that this was "George is speaking."—C.H., '96.]

[Then appears what is evidently the autograph of George, and an undecipherable word which may be "speaks," followed by "is" or "in" or "ie." I said I didn't understand, whereupon the writing continued:] [Probably an attempt to explain that G. P. was acting as amanuensis.—R.H.]

D. P. B. : George is here with you. I see his [face, power?] and he helps me.

C. H. : George who?

D. P. B. : George Pelham—Pelham—you read—P-e-l-h-a-m, Pelhham Pelham.

C. H. : Do you know him?

D. P. B. You don't know him, do you? Where—

C. H. You are controlling that hand, are you?

D. P. B. Yes, I am, dear, and I did want to see you before I came here now. Do you hear me, dear, do you hear me? Do you hear me, can you see me?

C. H. : I am reading what you say. Can you see and hear me?

D. P. B. : Yes. Don't do anything wrong. You know what I told you. You know I love you and always did. All is well.

* * * * *

[Then follows a reference of an extremely personal nature, which afforded me a strong proof of personality. It was perfectly intelligible at the time, and it began with "I tell you this, but don't let that gentleman hear me,"—evidently referring to Pelham, as Hodgson had left the room—sent out some time before by Phinuit.—*Abridged from original transcript.*—C. H. '96.]

D. P. B. : Don't feel strange with me, dear, for I love you and always did.

C. H. : Can't you give me some further proof of your identity?

D. P. B. : I will.

[Then follows an extended reference to another matter which was known only to myself and my wife. Then the pencil began to flutter and wander, and wrote a few words, like "I can—remember your—speak so I can hear hear you, dear," and then it brought up as follows:]

D. P. B. : Am I dreaming? Where are you now?

C. H. : Right here, near you. I wish I might see you.

D. P. B. : I will try to have you see me as I am. Poor little boy—too bad—yes—do you recall—recall—can't I help you when you go home. I say—don't you hear me? Do you remember the Sunday . . . and . . . went off down to the Island—

C. H. : The Island?

D. P. B. : Yes.

C. H. : What island?

D. P. B. : I can't make it—[and the pencil tapped the word *Island* sharply and impatiently. I did not remember the circumstance and said so, whereupon the conversation changed].

[Then followed an allusion to some private matters with which I was little acquainted. This part of the manuscript is obscure and unsatisfactory.—C. H., '96.]

[When I professed ignorance of some of the circumstances the pencil rather impetuously wrote "Don't be stupid," and then "Don't be discouraged."]

D. P. B. : A . . . is gone and I am glad of it. I am so happy for that. Now talk to me, dear. Don't you know the Sunday we went to the Point—

C. H. : —Point?

D. P. B. : Yes [joyfully]. That is what I want to say: was it Sunday? And I remember it so well. P—oint Pines [triumphantly].

C. H. : Oh, the Point of Pines.

D. P. B. : —Yes.

C. H. : And that is what you were trying to say, is it?

D. P. B. : —Yes, al the time. Do you remember the little place where we sat. I go there often, yet I don't see you there.

C. H. : Well, haven't you seen me there sometimes?

D. P. B. : (joyously) Well, I should say I had!

C. H. : Oh, I recognise that expression! I know now that you are Daisy.

D. P. B. : Well, I know I am D.—[a scrawl].

C. H. : Can you write your name?

D. P. B. : Yes, I'll give it to you—Bb-R-A-a. [Here the hand seemed angry at its inability to write, and covers the paper with dots.] Over. I wrote it. I wrote it. Do read. It is over here, turn. [hand fumbles among the loose sheets lying on the table covered with writing].

C. H. : Can you give me your middle initial?

D. P. B. : Yes, P. D. B.—do read—R—no more—A—that is not [a scrawl].

C. H. : Will you give it me later?

D. P. B. : Yes, before I go I will write it in full. Yes. Now let me speak my mind. Do you go west?

C. H. : No. Didn't you like me to go West ?

D. P. B. : Not a bit. You know how I felt. Don't try to fool with me now.

C. H. : You see me now, do you ?

D. P. B. : I see you better than ever I did. . . . You want me to speak natural[ly] [which was exactly the wish framed in my mind].

C. H. : You feel well and happy, then ?

D. P. B. : Don't I—well, I guess ! [one of her favourite idioms]. All burden that about. . . .

[Then follows some advice upon a certain matter which events have proven to be invaluable. Any other course than the one advised would have been fatal to my welfare.—C. H., '96].

C. H. : Can you tell me what is in the room where our things are ?

D. P. B. : B-o-o-t [scrawl, evidently intended to be an "s."] Now read.

C. H. : Is that Boots ?

D. P. B. : No. I'm exasperate—ex-asperate.

C. H. : With me ?

D. P. B. : Me. Yes. I can't seem to say all I know.

C. H. : But you are sure you are here.

D. P. B. : My, yes, I am just as sure as sure—what ?—S-U-R-E. I can [make—think] it now. S-B-o-o-S. Ino-no-S-I-St—can't.

C. H. : I will try to make out your meaning.

D. P. B. : Oh, do ! S-I [scrawl] Slippers.

[Stockings was the word in my mind when the question was asked ; but I have found since that a pair of slippers, unknown to myself, was in the room referred to.]

D. P. B. : [resuming] What became of the chair ?

C. H. : The chair in your room ?

D. P. B. : Yes.

C. H. : Oh, that is in the baby's room now.

D. P. B. : Look at my dresses. Too bad, they are all put up there in the attic. I go there often.

C. H. : Have you seen me there ?

D. P. B. : Yes, I should think I had. Where are those pants ?

C. H. : *Pants* ?

D. P. B. : Yes—those light things. I did not like them—too much like a negro.

C. H. : Negro, is that ?

D. P. B. : Yes [joyfully and flourishingly].

[During the summer of 1891, the year before the death of my wife, I owned a pair of very light and very loud trousers, which afforded endless amusement to my wife and myself. In honour of their resemblance to the garments often worn by gentlemen of colour, we called them my *coon pants* ! But reminiscences of that sort, as may be imagined, were far from my mind during the séance.]

D. P. B. : [with a long dash, to change the subject.] I hear you call for me.

C. H. : Then you see me ?

D. P. B. : Well, I think I do.

C. H. : And you don't consider yourself dead ?

D. P. B. : I don't think I am dead—not much ! I want to trouble you a little while longer. What about your hair ? Yes, dear. [The hand dropped the pencil and came forward to my head and fingered my hair.]

C. H. : It's longer than it was when you were here. That's the fashionable cut now.

D. P. B. : Looks well.

C. H. : You like it, don't you ?

D. P. B. : Yes.

C. H. : Others do, too.

D. P. B. : I don't care whether they do or not. I do. Where is the cradle ?

C. H. : It's in the baby's room.

D. P. B. : It's where I can't see it. I can't find it.

C. H. : If you go in there you can't fail to see it.

D. P. B. : But the cradle—

C. H. : [suddenly recollecting] Oh, I know what you mean !

D. P. B. : [energetically] Now you are just waking up !

[The hand, in the exuberance of its pleasure at my evidence of intelligence, swept watch, note book, loose sheet and pencils off the table on the floor. After they were replaced the writing continued.]

D. P. B. : Too bad.

C. H. : Oh, that's all right.

D. P. B. : I know, but see what I did. Look here, do you remember the cradle you never got ?

C. H. : Yes, and that's a very good evidence that Daisy is here. I remember very well. And you remember that promised cradle.

D. P. B. : Yes, I am now. Well, I guess I do.

[Then follows another attempt to give light on the "Haskins" matter. Then—]

C. H. : I will try to find out.

D. P. B. : Now do, yes, do. What can I do to help you. Can't you take my picture at home, as you used ? Now talk to me as you could. . . .

C. H. : Will you be near me and help me in the future ?

D. P. B. : Yes, I will. I promise. Ask him [G. P. ?] to help me.

GEORGE [?] : Yes, I will.

D. P. B. : You can help me, dear, will you ? Do speak.

Enter Hodgson.

HODGSON : Come, Dr. Phinuit, it is time to close the sitting.

D. P. B. : Who are you ?

C. H. : This is Mr. Hodgson, the Secretary of the Society for Psychical Research.

D. P. B. : Do you know my baby ? He is a very nice boy. You go and see him. He looks like me.

C. H. : Now remember your promise to write your full name.

D. P. B. : Yes, D. P. B. [indistinctly]. Now D. P. B. [in startlingly distinct capitals] Daisy—Park—Bradford. [The "Park" scrawly; the

"Bradford" very plainly written]. Da [scrawl] Par—[oh well, this—me?] Forgive me for my wrongs.

C. H. : But there are no wrongs to forgive.

D. P. B. : Mistakes. [Then, as if seized by desire to summarise rapidly the proofs of identity, the hand scrawled in coarse, hurried letters—"Point of Pines"—"the Seat"—"Don't take A. . . .—no"—"My stomach is better—so is the baby"].

C. H. : You remember what we dreaded for the baby?

D. P. B. : Well, yes, but no fear of them now. I must go.

C. H. : Good-bye!

D. P. B. : No, don't say good-bye. [And with this the sitting terminated.]

April 4th, 1894.

Sitter : Mrs. J. E. R. R. (Associate A.B.S.P.R.), at the house of Dr. A. B. Thaw in New York. Appointment made by R.H. Notes taken by R.H. during the sitting, and a few remarks added afterwards by the sitter. The names *Wilson* and *Wilton* are pseudonyms substituted for the real names. Mrs. R. has had some veridical psychical experiences, especially in connection with crystal-gazing.

Mrs. Piper became first controlled by Dr. Phinuit.

[Spoken]:

That lady's a medium. You have a very wonderful light, but you doubt yourself sometimes.

I get Catherine round you. I like her influence very much. You're going to write sometime. There's a gentleman in the spirit world helps you to write. I'll bring lady and gentleman both together. Lady suffered a good deal—nervous temperament.

I get a funny name spelled with a K. This is your gentleman, he is passed out of the body. I get child here (question by sitter: "Little child or large child?") *C-H-I-L-D*, name of a person. Here's a doctor wants to speak to her.

[Written]

[Control appeared to change, right hand violently shaking, writing not very clear.] Are you Sarah? [undec.], too bad I could not see Eliza. Tell her I see Mary come [?] here to me now [?]. I want her to know I am not dead.

[G. P. apparently here acts as amanuensis.] How are you and where is my wife? I am William Wilton, yes [in answer to Dr. H., "Is Wilson the name?"] No, W-I-L-T-O-N. Yes, mam [?], do speak to me and tell me how my wife is. W yes—Will is my son's name. Yes, sir, he is physically not well, and should not have gone south. No.

George is helping me. I shall be clear soon—wait for me. This is not easy to—C H-alli, Caroli, C-A-R-O-line. I want you to know me.

Caroline—I came here at first, and I am the lady (that Phinuit called Catherine?) Yes, sir, you were very sympathetic to me once, when I gave message through another personality. Yes. (Sitter: "I don't recognize

you.") Yes, you do, do you remember the strange [or stranger ?] light and when I wrote all I am thinking? Well and will tell you all about my interest. Where is G.? . . . [or J] osin G or J-o-s J Joseph [scrawl like monogram.] (Sitter: "I think I know what you mean.") Yes, you know, and I want you to feel that I am with you, and I want you should talk to me in this strange light. (It is rather hard,) but it is worse for me than you. Where's (?) Who is this? Mother—oh.

(Sitter: "Is it my mother?") Yes, mother. You ought to know who we are. Joseph also. We are the ones who came because W [!] came to tell you about you [?] . . . [?] (husband?) No, sir, not husband, H A [?] ag H-a-n A B not [undec.]—wait, I am thinking—H-a-r—no—M-a—I forget. A—. . . Harris? Not exactly. H. you correct. Not I—no Oh, do read. I'll spell it, sir. Thank you. H. M I don't make it. . . . A-n-n-a (Anna?) Yes, sir. Yes, and she is in trouble—yes, she is, Elizabeth ought [?] to know. This Joseph is! [scrawls undec.] S-No—Yes—Lizzie is here. I wrote to you before, yes, I did. This is why I say this. . . . Now read. Please not. . . . read over [?] to me first, sir. Yes, we did. . . . will help me. Yes sir, I'll find it for you. I want you to keep right on as you are. No matter what people think. . . . Elizabeth is there.

C E S (?) R or K . . . W . . . (What is the whole name?) all. You read, sister Lizzie—also Caroline R E A—(A?) I have the greatest difficulty in making that letter. C E C (G?) no G (G?) No Y (Y?) yes, I will. Lizzie is well and happy now, so is your father . . . and me . . . do you know he . . . (Is Josephine there?) Oh, yes, she is helping you with your work, but I am afraid you don't always know about it. Do you see her standing at the desk? Yes, when you are at work, writing,—she often is there (Where?) down in your room away up there in the evening when you sit, now you know what I mean, your sister, and I am George P. writing now for her. I shall keep her thoughts clear quite, she is—ready [?] do you remember H-E-N-R-Y W-I-L-T-O-N? . . . O, yes,—I could not keep him away. Excuse me,—Hodgson, is that you, old chap? Good, never mind, H., I know . . . yes—thanks—they told me so . . . this peritonitis condition and fever still lingers,—too bad. He Henry W. do you not know your uncle? (Sitter: "I had a step-uncle so named, but I don't care about *him*.") Well—he was only a step-uncle, but you ought to know him . . . Yes, indeed, Col. is with him. Dr.—a friend of his in England—Yes, sir, we know—yes, he has, yes, yes,—yes C E W (R E W?) Yes. Are you not glad . . . I should . . . he had caused trouble enough . . . he amends [?] Do you know Robert who troubled your whole life? . . . Never will any more. Yes, indeed, Robert was a great sorrow, and we are glad to reform him here. No—we know it all. Yes—R . . . we . . . forever [Trouble all gone now?] always and forever,—no more I assure you. That is a passing thought.

[Sitter asks about her son.] Son,—yes, he was killed very suddenly, poor R.—and too late to settle as he wished he would have done. Have you the book or letter—Roland [here gave medium necktie worn by son at death, wound it round wrist] Yes, he's trying to recall circumstances

Yes, you know . . . but will mention killed—we knew all, and will help you as your dear father has asked us to do. Oh! Oh! yes, he did, exactly—poor boy, but is clear, light and happy, and with you a great deal. Don't you remember when those initials were given with Lizzie's? It was he who tried to say, be comforted, all is well. [I think Dr. H. had said something about Mrs. R.'s *little* boy, which led to the following] who is the little boy that—no—he is a gentleman, *i.e.*, Roland is a gentleman, not a boy. [Sitter: “Had he lived, he would now be 26.”] Yes, yes, he did really come, and is with you now. Mother. Do you love me still? (Sitter: “Ah, why do you ask? You know I do. I think of you without ceasing.”) Yes, I—but I like to hear your voice; although you cannot see me I am by your side, and that picture of mine will always linger in your memory—yes, only one, and since it was so dear to you, you must know I am attracted by it, yes—I knew it, knew the letter—oh, yes, years have passed slowly since that was written, but yet I did this after I came here, yes I did.

Dear mother, . . . Mama—but do trust me *now*, I am truly R., mama. This is all I can do, let me live with you for ever and ever.

[Note by sitter: Shortly after my son's death, I received through a strange medium a letter, said to have been given in trance by him, signed Roland. It bore internal evidence of being a true communication, but being at that time bitterly sceptical, I refused to accept it. This seems to refer to that fact.]

Call for me and I will come to you—or I. Yes,—but don't mind them now—oh, no! because I see this bright, clear light, and I like it, dear. “Don't worry about me, mama, I am all right, and happy as possible.” [Note.—These words were in the earlier letter received and repudiated.] I assure you, I am, and old Dr. Robert will trouble you no more—No. D (?) (undecipherable) You knew Dr.—Dr.— . . . Yes, yes, oh yes—yes I'll try—M—Ma N is it? N yes, yes, yes, may I see you again once more, Mama? only once is all I ask, only once is all I ask. I want to J. . . Je . . . J. . . Josephine I wanted to say, is going on soon. What troubles her is . . . A u n (t?) she is here in . . . I don't know as I can tell you all they want to say, but cheer up, Mama,—all will be *well*—R. Drew—

[Spoken.]

[Dr. Phinuit here resumed control, and told me, in answer to Dr. H.'s question whether he could control *me* and use my “light” that he could and would. He added:] “You know that ball thing you have. Well, I can make you see me in that.” [I have a crystal in which I often look.]

Dr. Phinuit told me, in answer to questions, that the spirit's work is the same as our highest work, helping others upwards, and then broke off to say, “I see a little child coming into the body, isn't going to stay in the body,”—and describes its coming spirit guardian. Here the sitting closed.

[Notes by sitter.]

Caroline and Joseph are the correct names of my father and mother. Henry Wilton is the correct name of my stepmother's uncle. Dr. R. E. Wilton is the correct name of the relation to whose evil influence I owe all

the trouble of a saddened life. Lizzie, also called Liesje (as evidently attempted by the control), is a sister also known to me as Anna. Josephine may be either a sister or a niece still living, both being ill. Nan is a sister, living. My son's name was Roland. [I think that Mrs. R. told me that he was killed in connection with a horse accident.—R. H.] The portrait alluded to is kept in a little case with the necktie. I am in the habit of carrying it about with me and never show any other picture, without producing it as the *only* good one. The letter sent by him to me shortly after he passed on, I have alluded to in the report.

Taken as a whole, it would appear that the effort was made by several of my nearest relatives to inform me of the death of the bad influence of my life, and to let me know that they knew a story I had never told to any one of them. I do not know whether R. E. W. is living or dead.

Mrs. R. writes later :—

DEAR DR. HODGSON,—What do you think of this? I have just received reply from England as to Dr. W., who you will remember George, through Mrs. Piper, said was “there.” Well, he is alive, well, and stronger than ever, having given up Cathedral duty. Singular, isn't it? The peritonitis condition must have existed in Phinuit's imagination. One cannot explain such an experience as this in any satisfactory way. I for years have not thought consciously of Dr. W. nor cared whether he lived or died, nor have I borne him malice for the *trouble*, as “George” emphasised it, that his influence brought into my young life. Why then so strange a re-awakening? Why so false a test? . . .

J. E. R. R.

[I do not know what my interpretation of the R. E. W. incident was at the time of the sitting. It seems to me clear now from the record that the “peritonitis condition and fever” referred to the *Henry W.* There seems to be some confusion about the Robert E. W. Mrs. R. may have asked a question, unrecorded, about his death.

I have no recollection of Mrs. R.'s question referred to in the following letter. I remember that I was anxious to bring the sitting to a close, that Phinuit was answering some questions of the sitter regarding the “work of spirits,” that I ceased to take notes, and prepared to assist in the departure of Phinuit, and that it was at this stage that Phinuit made the prophecy about the little child.—R. H.]

Carnegie Studios, *March 23rd* [1895].

DEAR DR. HODGSON,—When I had my sitting with Mrs. Piper, perhaps you remember that Phinuit broke off suddenly to say: “There's a little child coming, it is still in the body, not born yet.” I asked if it was Dr. Moore's baby whose arrival I was then anxiously awaiting. Phinuit said: “Yes, but he is not coming to stay,—he is guarded by a great spirit.” The baby was born a couple of weeks later, and died suddenly this morning.

I have not the papers here but I think my recollection is correct. I have remembered it several times since the child's birth, but it seemed so healthy I thought it was all a mistake. It may seem worth while to note this without mentioning names.—Cordially yours,

J. E. R. R.

April 9th, 1894.

Sitters : Mrs. L. E. H. and Mr. C., in New York. Appointment made by R. H., who was present only at beginning and end of sitting. Record by Mrs. L. E. H. and Mr. C. Dr. and Mrs. L. E. H. had a sitting on May 6th, 1892 (see p. 462). [I think that the sitting was held at the house of Dr. L. E. H. Mr. C. was unknown to me, and I was not aware of his real name until towards the close of the sitting. I knew beforehand only that the sitter was to be a friend of Mrs. L. E. H.—R. H.].

Mrs. Piper went into trance rather easily at 10.30 a.m. She took Mrs. H——'s hand with her left hand, the right arm being rigid behind her, and began :—

Ph. : The last time I saw you there was a little gentleman with you in the body. [Correct,—about two years previous.]

Ph. : David is here and sends love to his father in the body. [David has sent love to his father at previous sittings. His father was his only near relative living. David not living.]

Ph. : Oh ! the baby has had the measles ! [One child, not the baby—had just had the measles.]

[The hand, after manipulation, began to write, after letters from J.D.S. had been bound around wrist.]

Yes, thank you very much, I have it all right now. Oh, where am I, sir ? Will you stay with me and help me ? I wish to speak to my friend on earth.

Oh, how are you ? I am so glad to see you. My name is David [possibly Duane.] You dear old John. God bless you always. (I am very well.) Good. I am not dead. Do you remember our boys [sitters were unable to read last word] yes, yes that's B-o-y-s. Don't you remember me Duane ? I will, D-W-A-I-N-E, D-W—I am bothered. This is it, it alone D-U-A-N-E [correct name] (Are you happy ?) (Are you happy ?) Yes, John, are you happy ? What about the will ? [Mr. C. was executor and has had trouble regarding will.]

Too bad. (It will be all right.) I am glad. O.K. Thanks to your dear, dear pen.

Not yet. Do not drive me off. [This not in answer to any question or remark on part of the sitters.]

I will wait a moment. (Who is with you ?) David, also David Haynes. [Deceased friend of sitters and Duane.]

My head is clear now, John. J.C. Dear old chap. How are the children ? [Reference probably made about some nephews.] How are the boys ? [This refers to a set of friends.]

Do tell me about G. [A brother of one of the sitters.] (He is happy.) Good. (Can you see us ?) Yes, indeed, I can.

(Does it trouble you when we are sad ?) No, for I can see how things are going to terminate. (Are they going well with us ?) Indeed they will, and the worst is over. [Nothing very sad or trying had recently happened in the immediate family.]

(Is M. going to be well?) Yes, tell her not to worry so, because all things are getting better than even she could hope, and she will be well. There are two—yes, there are two. [Sitters did not know to what this referred.]

(Mr. C. : What am I going to do?) There, print right away, print right away, John, I see it. [Mr. C. is an editor of a paper.]

[Some prophecies made regarding the paper, and name given of the man who would—it was written—soon buy it. Also a trip to Europe predicted for Mr. C.]

(Do you see aunt A——?) Yes, indeed, she is all right, but she is not well. Did you know that she is a medium, and a good one? [The person spoken of has all her life had premonitions, against which she has struggled.]

(Will she give any manifestations of it?) Yes, can't help it.

Oh! This is delightful. Where is M., your sister?

(In K.) Well, let her stay there. Good.

(Have you no message for E——?) [E—— H——, full name written out, and great excitement in hand. E.H. was a dear friend, and physician of Duane.] Well, I guess so, think so. Give him my warmest love. Yes, he is a good doctor. . . . Oh! tell E. he was very kind to me. Where is my chair? (Which chair?) My reclining chair. [Sitters did not remember any particular chair.]

(Have you anything to say about the disposition of your things?) Not that I care. Let them do as they wish. I don't care a fig. [Characteristic phrase of Duane, who is J.D.S.]

(Will Mrs. M. go to Europe?) Very soon, in June.

(No, she has given up her trip.) But she will have to see the end of A.

(How is Aunt A.H.H.?) [This person was supposed to be seriously ill with heart disease.] O.K. First rate, she is going to be *better*.

(Do you wish you could come back?) Oh, I don't want any part on earth, not in the least. My heart is strong and well, so are my kidneys. [These organs had not been diseased in J.D.S.]

(Are you occupied?) Yes, all the time.

(Do you know about G.'s happiness?) Yes, I know, and he is going away soon, and I am glad. . . . He will travel a good deal. But I see one thing wrong.

(What is it?) Would you have me tell you?

(No, do not tell us.) I don't want to. It is better so.

[G., a brother of one sitter, about to be married, and travel abroad.]

Where is Ballard going? [B., a friend, who was visiting one of the sitters at the time, and was changing his business.] When is he going south of France? [Not sure whether this last referred to Ballard, or whether it was in answer to another question.]

(Tell us about yourself.) Do you know, when I left the body that P.M.—not P. but A., I intended to say A.M. [A.M. correct.] I saw a light, and then I saw father (Saw your father?) farther into this world than I at first thought I should. Then Alice [his wife, who had died five years before] held out her hands, and told me I was all right. Then I took her hand, dear Alice, and we went together. Then I found the baby. [Baby had died before it was born.] Can you hear? (Yes.) And the baby was so

delighted to see me. You can never know how light and happy we are here. (Are there others there with you?) Yes. Did you know Nell? (No.) You are stupid, stupid, John. Try and know sis—sis. Don't you know? But I do. (Was that your mother's name?) Eliza was mother's name. [Correct.] I saw her.

(Are you with Christ?) Jesus—his face is the light, and whereas his face is not discernible, yet we see his light, and know that it is he. (Does he help you, and do you progress there?) Always. Yes, and grow on and ever. This I cannot speak clearly to you on earth. [J.D.S. was a man of strong religious feeling, who fully expected to go into the immediate presence of Christ after death.]

Well, J [illegible] well, J [probably John], how are things progressing at the office? (Well.)

Good. Where is Henry? (What Henry?) Where is dear Henry, where is he now? Dr., Dr., (Oh! Dr. Henry, he is at C., doing nicely.) Good, good. [H., a physician who had attended him a short time at C.]

That's you, John, you are the same old John, and all is well with you. [Something was written that sitters could not understand or read.]

Call that gentleman back (Mr. Hodgson?) I don't know his name. (The one who was here when you first came?) Yes, I think he will interpret this for me. Oh! do. [Mr. C. went to call Mr. H., and meanwhile Mrs. H. addressed the hand.]

Your dear little one's well? (Yes, we miss you very much, but cannot wish you back.) Do you? Well, I am better off. [Mr. H. returned, interpreted writing and said] (I will know you another time, and if you wish to send a message to your friend, I can take it.) Thank you, sir. Do you know J.C. [full name written] in the body? (I have met him to-day.) He has control of my papers, and I will look into things, let you know. [to J.] It will be best for me to go, dear old fellow. Adieu, from D-U-, etc.

Ph. then said that some tie prevented him—J.D.S.—from leaving, which recalled to sitters the letters bound around the wrist; after their removal, the hand was quiet.

Ph. began to talk to Mrs. H., but soon said, "Who is this little gentleman who passed out of the body with consumption? He speaks so hoarse I can hardly hear him. He wants to say something to his friend." Mr. C. then came forward, and Ph. said: "This gentleman wants to tell you about some papers in that little piece of furniture in the corner (the escritoire?) Yes, that's it. There are some papers of his about some land he owns."

Mr. C. : At C. ?

Ph. : No, not there.

Mr. C. : At Round Island ?

Ph. : Yes, that is it ; and he wants to tell you about some things of his. It is hard for me to understand. If you can get him to use the hand, you can get the messages more direct. They often get confused, coming through me.

Then followed directions as to the whereabouts of a cane [which was not found where it was said to be], a jug with a handle, and other things, which Ph. said were safely put away, and that no one had taken.

Mr. C. asked about some cut-glass dishes, but Ph. said he heard nothing about them.

Some prophecies were made about A.P.H., and it was stated that a lady, E. P., had recently changed her surroundings entirely, and felt that it was the best thing she had ever done. [In fact, the lady had really gone to Europe for the first time in her life, within a month before date of sitting.]

Mr. Hodgson then sent Ph. away, and Mrs. Piper came out of trance about 11.45.

New York, April 9th, 1894.

April 10, 1894. On this date, at the beginning of a sitting with persons unknown to Mr. C. and Mrs. H., the hand wrote: "Duane Scott, where is John? John, are you there, dear? If so, speak."

Mr. Hodgson then explained that others were sitting, and that he must go away. "Oh, I'll go. Too bad, sir. He asked me to come in and finish my statements. Why did he ask this of me? Why did he not explain? You see, I don't know this—too bad. I'll go then. Good evening, sir. Duane (?) S."

April 25th, 1894.

Sitter: James Mitchell (Associate A.B.S.P.R.), at house of Dr. Anna Lukens, New York. R. H. taking notes.

It was on the morning of this day that Mrs. Piper lost consciousness momentarily while sitting with some persons who were trying experiments in crystal gazing and automatic writing. (See p. 344.) It was probably owing to this that there was a lack of available energy for the trance in the afternoon. Several different writers apparently seized the hand in quick succession at the beginning of the sitting, and I inserted interrogatively what I conjectured to be the names of these writers, the brief messages being directly pertinent.

[Sitting arranged for soon after 3.30 p.m. Mrs. Piper tries several times vainly to go into trance. Finally goes into trance about 6 p.m. Apparently vain attempt to speak. Hand writes:]

[Ph. writes?] oot das [=too sad] on [=no] light [*g* and *h* nearly written mirror writing.]

["Roland" writes?] Add LO in place of AND . . . ROLLO [See p. 344.]

["M. M." writes?] tell James I'll see him later. [See second part of sitting.]

[Ph. writes?] oot das [=too sad]

[M. M. writes?] Ma [*y* or *g*?] M—yes.

[Then followed a wild rush of incoherent writing interspersed with words that suggest portions of a Latin prayer, purporting to come from a Roman Catholic priest who said that he had taken morphine, and had "just passed out" but had not intentionally committed suicide. Various other statements were made, and names and localities were mentioned. I caused inquiries

to be made about what was said (and also about some further statements made at later sittings), but could find no trace of anything correct. After this came the following writing purporting to be by the wife of the sitter.]

Mit Mitel—I am she . . . where is my son? . . . do give me strength . . . oh, yes, indeed, I do, dear, do you miss me? . . . I want to see my husband and you . . . H . . . not yet I will . . . L [?] will in a moment . . . will you help me to print I a L [?] yes . . . L.M. . . . I do . . . E.M. is [undecipherable] mine, and I see my husband . . . I do . . . I will don't (1) you know E. . . . E.M. . . . E.M. mother . . . and I . . . we [?] are with [or both] here . . . Anne . . . Yess, also . . . ddie . . . ddie . . . ed . . . James . . . (2) Ja . . . speak, speak,—Jane J a n e . . . no me . . . I want to see you . . . did you not ask for me? . . . no, but if she was here . . . sister . . . sister . . . I want to say the children are all right, and I am helping you continually and will do so forever and ever eternally. I wish I could speak and explain my (3) thoughts [undecipherable] what are canars—no more canars—you know, dear—but I want you—I want you—I want you.

Not dead, dear . . . I see you . . . I see you at all times . . . Margaret dear . . . Margaret (4) dear . . . I am M. M. as sure as you live . . . and not dead, but oh, so strange just now . . . yes, I wish to tell you all . . . I have been patience, have I not . . . I have don't you think so? Why did you come to me before, dear one . . . Will . . . W . . . seen you, dear,—do, oh, help (5) me . . . seen you, do you mean? I did once through a gentleman,¹—I don't know, dear. I am with you. Don't go away. Take good care and don't worry. I said this . . . similar . . . yes . . . yes . . . no, sir . . . I was in a strange light, something like this. Where is Harry . . . Oh, Harry . . . mine [?] What dear, am I dreaming? . . . H . . . no, he is speaking to me . . . yes . . .

(6) Will . . . Will . . . Willie come . . . Sargent—he is here and his mother, Mrs. S. Mrs. S. . . . He knows our ddie. But where is ddie . . . ddie . . . he is not (7, 8) well . . . El . . . she will—yes, dear, E . . . I wish I could print it, sir, but it . . .

(Do you mean Edith?)

Yes, our ddith . . . dith . . . di—I cannot make it, dear, but you know what I wish to say; she was very ill but will get well and I was very anxious to let you know this because it is one of the many things I now see and know all about, dear. All will be right, and she will get strong and the change will do her good . . . yes, my dear, I wish you would.

. . . I told one . . . no on . . . S— I did, dear Mary [or Moy ?] S., don't dear, because I am trying to tell him . . . Mary [or Moy ?] S. and Mrs. S. . . . C. . . . have I seen him . . . yes, dear, Will is his and he or . . . no, dear . . . I have not seen him, have I, dear . . . he is not with me now . . . where is Al. . . . A L, where is Allien . . . Allen? . . . yes . . . there are a

¹[Re message through another medium.]

number of people who are confusing me a little . . . it is so hard to talk, dear . . . why . . . yes, our C. . . . what is the matter . . . I have no cancers more . . . don't think about me as dead, will F you . . . there is so much I want to say and I can't talk to you, dear . . . will you . . . will you, dear, will you . . . I am your wife, M.M. . . . and I am in heaven, dear, and now that I can speak I will wait . . . I will, will you, will you wait for me?

Notes on Sitting of *April 25th.*

The sitter, J.M., has a wife and two sons, James and George, in spirit life. Of course, nothing of this was known to Mrs. Piper or to Mr. Hodgson, and no help was given at the time to Phinuit or the intelligence controlling the automatic writing.

(1) "E.M." is a daughter living, who has been very ill and is now about recovered.

(2) I think this "Jane" is an attempt to write "Jamie," the favourite name of her husband.

(3) Mrs. M. died of *cancer*.

(4) Mrs. M.'s name was *Margaret*.

(5) J. M. asked if she has ever communicated with him before.

(6) These names are not known.

(7) See note (1).

(8) Mr. Hodgson asked that this name be *printed*.

New York, *April 26th, 1894.*

DR. R. HODGSON,—DEAR SIR,—It may interest you to know that my wife died of *cancer*, which explains the allusion to that disease in the automatic writing of yesterday. . . . I can't explain the "Willie and Mrs. Sargent" at all.

* * * * *

JAS. MITCHELL.

April 30th, 1894.

Sitter: Mr. James Mitchell, at house of Dr. Anna Lukens in New York. This was Mr. Mitchell's second sitting. (First sitting April 25th, 1894. See p. 517.) R. H. taking notes.

[Phinuit.] You're not the strongest man in the country. Blood very poor, vitality weak, not very much of it, nerves not very strong. You'll have to take care of yourself, if you want to stay long in the body. Take exercise and open air, etc. I don't tell you this for idle talk, there's a great deal of meaning in what I say.

Do you take milk? (Yes, some.) Don't take it, it sours in the stomach. Not very good for you. Take a glass of lemonade, hot or cold, better than milk.

(Wine?) I shouldn't advise you to take much wine—not very good for you. Take acid wine instead of sweet. There's a little catarrh in your

stomach, and its all through your system. Right down through the membrane, and right through stomach and bowels. You don't want to take milk.

You sometimes have bad taste in the mouth in the morning. Rinse your mouth out with warm water, and take glass of hot water.

Take a tepid sponge bath. Rub yourself—friction with coarse towel.

Don't think too much. You *worry*, too.

(1) There's a voice I hear as plainly as you would a bell ring, and she says: "That's right, doctor, tell him not to worry, because he always did so—my dear husband—I want him to enjoy his remaining days in the body. Tell him I'm Margaret Mitchell and I will be with him to the ends of eternity, spiritually."

* * * * *

Do you know a gentleman named Adams? (In the spirit?) Yes, he used to know you years ago and your father before you.

(2) Do you remember a funny little house with low-pitched roof, door in centre, room on each side, and unfinished room at the end? It had a long walk—a little pointed path all about it. (Beds? flower-beds?) a blossoming shrub in the corner. A gateway entrance on the side. This lady's telling me all about this.

The lady's going to borrow my hand.

There's a George comes here too.

[Hand writes.]

I am Margaret M.

[To R. H. apparently] You are not my husband, sir.

Oh, you are here, aren't you, dear? I see you now. I want to tell you how and where I am. How is Edith getting on? She will be well and strong yet, dear, but I am most anxious to see and hear about you, dear. Are you [Requested to write again the last words, owing to the difficulty of deciphering.]

No, I can't—it is too much work and too weakening, and I cannot repeat—you must help me and I will prove myself to you. I cannot collect my thoughts to repeat sentences to you. My darling husband, I am not away from you, but right by your side. Welcome me as you would if I were with you in the flesh and blood body. [Sitter asks for test.]

(3) Yes, do you remember the little house where we first lived—but you must read for me—and the little stoop where I used to sit . . . (yes). Who could know this but your loving Marg . . . Margie . . . Maggie, I mean,—yes . . . yes, dear, yes . . . Maggie—

(4) [Sitter asks for pet name.] B i . . . B M You called me Maggie first . . . I shall recall the rest and give to you . . . help me . . .

(5) Where is [undecipherable] D e l l i e . . . not quite, dear . . . but E l . . . (6) can't do it . . . the baby . . . Baby with me . . . Yes, I tried to say this but you see I cannot tell myself just how you hear me, and it bothers me a little . . . how do you hear me speak, dear, when we speak by thought only? but your thoughts do not reach me at all when I am speaking to you, but I hear a strange sound and have to half guess . . . How strange you look, my dear, yet I do know you, and here . . .

(Don't you see me at other times ?)

Oh, yes, dearest, and much better than I do when I try to speak, dear, consequently have to go by what I hear from . . . I'll try, dear.

(Did you ever speak to me before ?)

Yes, once, I . . .

(How ?)

Writing ? . . . this very way by writing—

(R.H. : You mean through this medium ?) Yes.

(But through any other person ?)

Yes, once I followed a light, but it was a long way off, dear.

(Do you remember what you said ?)

Not very well. . . . I am with you,—I think it was this, namely, if I remember rightly,—do not. . . .

[R. H. refers to change of pencil, which is broken.] Pencil, what do you mean ? I did not say that.

[R. H. explains, and says, not to bother about pencil, etc.]

You must have forgotten, dear. . . . Do not worry about me . . . for me . . . because I am still with you. . . . Do you remember it ?

(?)

Yes, in a moment—I will tell you, dear . . . but let me recall one thing more about the little house. Do you recall how I liked it ? We were very happy there. Dearest, I am so happy to see you in this peculiar way.

. . . (7) George, dear, is all right, and will get settled soon. . . . he will tell you . . . he will soon get clear as I am,—don't be anxious . . . I see something belonging to him—give it me, dear.

(8) [Sitter produces *gold watch*, hand touches it.]

(Do you remember this ?)

Yes, indeed, dear papa . . . father . . .

My dear—what about Peggy—Polly . . . P-O-L . . . I can't write—never mind, dear, here is George—here—all right. now. . . .

Yes, dear father, if you ever had a boy, I am he, George Mitchell [?] [Hand much excited, and R. H. remonstrates, and holds it, enjoining it to be careful about the medium's sore finger, and saying that if he can't be quieter, he can't stay.]

All right, I will go if you wish me to, sir,—oh, do be kind to me, sir !

[R.H. says of course he can stay, etc.]

Where is my dear father . . . have him see me as I am
. . . I am with you, dear father, and will you ever forget the day I came here—night it was—we have none here now—we have no night here, dear father—I with mother now . . . do you remember Grandma ?

(Oh yes.)

She is with us too . . . the little one . . . he is not so little now . . . do you hear me . . . mother [?] baby happy [?] b-a-y [perhaps intended for baby ?] . . . yes, not key . . . brother J-a-m-e-s . . . They are all with us . . . we are . . .

Your name is James, too, and my little brother . . . or not so little, after all . . . is named for you, dear father. Now how can I prove more to you, dear ?

[Sitter asks about some deceased friend, once known to George.]

Do I know him? mine.

(You did know him,—your mother knew him better. Tell his name if you can. Have you seen him?)

Did I? I'll find him for you if he is here near us, father dear.

[Hand feels for something, watch apparently.]

I remember, Ma told me you had it.

[Watch produced again. Hand indicates wants it opened.]

Yes, [Fingers feel inside of case, as though looking for inscription.]

(10) I put it there.—Oh I remember now—it was the silver one I had in . . . yes, you remember I lost the chain I had for the other. . . . yes, I did,—and (11) Davidson—yes—found it had [?] in the water after [?] I came here. I put this in my watch, G. A. M.

(A isn't right.)

Not A.—not A. . . G. I. M.

(No.)

I can't write it.

(Who is Davidson?)

My friend, don't you remember? . . . all right, yes, dear mother, I will. Mother had a cancer [?] did she not. . . . did you know . . . too bad, but it is all right now and . . . not in the least. . . .

S [Q or S] is the middle.

(12) (S, that's right. S is the middle letter.) Yes—yes—

Read. . . . they are in my old silver watch G. S. M. Oh, it will help me so.—

(13) What became of Rif. . . . Rich. . . . R'se. . . . you know who I mean. . . . Robert. . . . S [cr G?] . . . I wish I could remember his name. . . . what—am I. . . . (14) My lungs are well—yes, my lungs are strong and well.

(Do you remember where you went for your health?)

(15) Yes, South. . . . good, but not well. . . .

(What friend of ours did you see there?)

f [J?] a. . . . do you. . . . W-i-l-l-i. . . . W-a-l-t. . . . not. . . . W-O-D. . . . I can't do, father, yet I know perfectly well. . . . he is here. . . . W. . . . I wish I could tell you more about him. W-i-l-l-i-o-n? Looks like Wilson perhaps.

(That's right, Wilson.)

(16) W-i-l-S-o-N. . . . all right I remember, but it is hard to put it as Pelham asks me—W-I-L-S-O-N. [G. P. apparently asking him to write the name in capital letters.—R.H.]

(I didn't give him any hints to it.)

Father, why do you say hints? . . . I don't need hints. I am here, father, but imperfect as I am, I am your son George S. Mitchell [?]

Do you think consumption a bad thing?

(Yes, I do, don't you?)

No, not so bad after all,—Goodbye, father, dear, I'll see you clearer soon. . . .

G.S.M. in my watch.

Father, dear, I am with you. . . . James. . . . Jamie. . . .
 James think about me often.

[Sitter places note-book on hand and: "What is this?"]

(17) My accounts and description of my trip to. . . . Geloo?
 [undecipherable.] V E. . . . No, I will. [undecipherable.]

Oh, I remember . . . at the office . . . office.

I go there? often?

Switz-land? in—too bad,—yes, dear mother. . . . love all to Edith,
 dear little sister.

(Anybody else you want to send your love to?)

Yes [undecipherable] . . . J [?] tell [? undecipherable] J-o-s-e. . . .

(18) I am too weak . . . I'll go with you in heaven [?]

Notes on Sitting of *April 30th.*

(1) This description of J.M.'s physical condition is accurate. Although well he is not strong, has had catarrhal trouble for years (although Mr. Hodgson said, on being asked, that he would not have suspected it). Has been too much given to "worry" during life.

(2) This description of our first home is not quite accurate, especially as regards the garden *in front*, it answers to the garden in the *rear* of the house.

(3) Correct.

(4) Quite true.

(5) This is evidently an attempt to write "Dollie," the name asked for.

(6) "The baby" is probably a dear little grandchild who died a year ago, —always spoken of in our family as "*the baby.*"

(7) George is my youngest son, dead these eleven years.

(8) This watch belonged to George.

(9) "Jamie" is the other (dead) son.

(10) This was in a silver watch, the first one owned by him. It cannot now be found.

(11) "Davidson" is not known.

(12) *S* is the correct middle letter of name.

(13) Rich was the name of a gentleman well known in our family.

(14) George died of consumption.

(15) Correct.

(16) Wilson is the right name, but he is still alive.

(17) The book given him was one of several containing a journal of a voyage to China *viâ* Australia.

(18) Perhaps an attempt to write *Jessie*, the name of another sister.

New York, *May 9th*, '94.

DEAR DR. HODGSON,— . . . I am very sorry to find that my son's silver watch was given to a poor relation some years ago, and was afterwards stolen—so that all trace of it of course has disappeared. . . .

JAMES MITCHELL.

May 25th, 1894.

Sitters : Professor and Mrs. N. S. Shaler, at the house of Professor W. James. The sitting was arranged for by Professor James, who was also present taking notes. I quote the account of the sitting given by Professor Shaler (of Harvard,—the well-known geologist), in a letter to Professor James.

Cambridge, June 6th, [1894.]

MY DEAR JAMES,—At the sitting with Mrs. Piper on May 25th, I made the following notes :—

As you remember, I came to the meeting with my wife ; when Mrs. Piper entered the trance state, Mrs. Shaler took her hand. After a few irrelevant words, my wife handed Mrs. Piper an engraved seal, which she knew, though I did not, had belonged to her brother, a gentleman from Richmond, Virginia, who died about a year ago. At once Mrs. Piper began to make statements clearly relating to the deceased, and in the course of the following hour she showed a somewhat intimate acquaintance with his affairs, those of his immediate family, and those of the family in Hartford, Conn., with which the Richmond family had had close social relations. The statements made by Mrs. Piper, in my opinion, entirely exclude the hypothesis that they were the results of conjectures, directed by the answers made by my wife. I took no part in the questioning, but observed very closely all that was done.

On the supposition that the medium had made very careful preparation for her sittings in Cambridge, it would have been possible for her to have gathered all the information which she rendered by means of agents in the two cities, though I must confess that it would have been rather difficult to have done the work.

The only distinctly suspicious features were that certain familiar baptismal names were properly given, while those of an unusual sort could not be extracted, and also that one or two names were given correctly as regards the ceremony of baptism or the directory, but utterly wrong from the point of view of family usage. Thus the name of a sister-in-law of mine, a sister of my wife's, was given as Jane, which is true by the record, but in forty years experience of an intimate sort I never knew her to be called Jane, in fact I did not at first recognise who was meant.

While I am disposed to hold to the hypothesis that the performance is one that is founded on some kind of deceit, I must confess that close observation of the medium made on me the impression that she is honest. Seeing her under any other conditions, I should not hesitate to trust my instinctive sense as to the truthfulness of the woman.

I venture also to note, though with some hesitancy, the fact that the ghost of the ancient Frenchman who never existed, but who purports to control Mrs. Piper, though he speaks with a first-rate stage French accent, does not, so far as I can find, make the characteristic blunders in the order of his English words which we find in actual life. Whatever the medium is, I am convinced that this "influence" is a preposterous scoundrel.

I think I did not put strongly enough the peculiar kind of knowledge which the medium seems to have concerning my wife's brother's affairs.

Certain of the facts, as for instance, those relating to the failure to find his will after his sudden death, were very neatly and dramatically rendered. They had the real life quality. So, too, the name of a man who was to have married my wife's brother's daughter, but who died a month before the time fixed for the wedding, was correctly given, both as regards surname and Christian name, though the Christian name was not remembered by my wife or me.

I cannot determine how probable it is that the medium, knowing she was to have a sitting with you in Cambridge, or rather a number of them, took pains to prepare for the tests by carefully working up the family history of several of your friends. If she had done this for thirty or so persons, I think she could, though with some difficulty, have gained just the kind of knowledge which she rendered. She would probably have forgotten that my wife's brother's given name was Legh, and that of his mother Gabriella, while she remembered that of Mary and Charles, and also that of a son in Cambridge, who is called Waller. So, too, the fact that all trouble on account of the missing will was within a fortnight after the death of Mr. Page cleared away by the action of the children was unknown. The deceased is represented as still troubled, though he purported to see just what was going on in his family.

I have given you a mixture of observations and criticisms; let me say that I have no firm mind about the matter. I am curiously and yet absolutely uninterested in it for the reason that I don't see how I can exclude the hypothesis of fraud, and until that can be excluded, no advance can be made.

When I took the medium's hand, I had my usual experience with them, a few preposterous compliments concerning the clearness of my understanding, and nothing more.—Faithfully yours,

N. S. SHALER.

May 26th and 29th, 1894.

Sitter: Professor C. E. Norton, of Harvard, at the house of Professor W. James. Appointment made by Professor James, who was also present most of the time. R. H. also present. The sitting on May 29th was very short; there was apparently very little "energy," not enough for the use of the voice, and the writing was very incoherent. On May 26th also the writing was more incoherent than usual. G. P. wrote most of the time and referred to Professor Norton by name. The most important incident had reference to an inquiry made by Professor Norton which (as was quite obvious to me at the time and must have been quite obvious to G. P. living and in full consciousness) concerned a prize essay on Jane Austen, which G. P. had gained at Harvard. But G. P. communicating did not give the name of Jane Austen. Professor Norton has made the following statement:—

Ashfield, Mass., *September 1st, 1896.*

DEAR MR. HODGSON,—Dr. James asks me to write to you twenty lines giving my impression of the two sittings with Mrs. Piper which I had at

his house some two years ago. You may recall that the sittings were not regarded as altogether satisfactory. I made no memoranda of them at the time, and, after such an interval, any account which I might give of the sittings would be open to question.

I can only give you a statement of certain general conclusions to which I came at the time.

First, that there was no question as to Mrs. Piper's good faith, or as to her delusion in respect to the nature of the influences to which she was subject when in the trance state.

Her conditions seemed to me analogous to those of an ill person dreaming a suggested dream, in which trains of dream to which the dreamer has been accustomed are modified by the special conditions of the moment.

There was no indubitable evidence of mind-reading, but there were some evidences of imperfect thought-transference.

There was no evidence of acquaintance with any facts known only to myself, or which were remote and obscure.

But there was enough that indicated a peculiar influence upon the medium to interest me greatly in the sittings, and I should not have regretted a further opportunity of trial of Mrs. Piper's, I will not say powers, but conditions when in a trance.

As to the origin of many of the phantasmagorias of her trance dreams, I formed a very distinct opinion, but many experiments would be required to test its correctness, and these I shall never make.

I am not sure that what I have written is to your purpose. If not, and you will be so good as to put to me the questions which you wish to have answered, I shall be glad to answer them to the best of my power.—I am, very truly yours,

C. E. NORTON.

June 1st, 1894.

Sitter: Professor J. Trowbridge, of Harvard, at house of Professor W. James. Appointment made by Professor James. R. H. present. Professor James taking notes. Professor Trowbridge made the following statement in a letter to Professor James:—

Cambridge, *June 7th, 1894.*

DEAR JAMES,—I took to the sitting an Indian handkerchief, brought from India by Captain Thayer, a brother of Mrs. Trowbridge, who died about a month ago. He brought it from India in 1859. It has never been out of Mrs. Trowbridge's hands, and has been worn by her constantly.

I can only give you my general impressions, which, of course, are those of an untrained observer in the region in question.

I was struck by a sort of insane cunning in the groping of the woman after something intangible.

It did not seem to me that she simulated a trance state. She was apparently, as far as I could judge, in some abnormal condition.

I could not discover that she hit upon anything that was connected with the handkerchief. . . .

JOHN TROWBRIDGE.

June 12th, 1894.

Sitter: Dr. F. H. K., Illinois. Alone. Appointment made by R. H. Dr. K. afterwards became an Associate A.B.S.P.R., but was a stranger to me before the sitting. He called at my office as a stranger, and as I happened to have a "sitting" day vacant just afterwards I told him that he might take the appointment. His account follows:—

The Quincy House, Boston, [*June 13th, 1894.*]

On Tuesday, June 12th, '94, through the courtesy of Dr. R. Hodgson, I enjoyed the opportunity of a sitting with Mrs. Piper. The communications were almost entirely in writing, and at times were somewhat illegible, but during the better part of the interview were quite satisfactory.

During the first third part of the sitting, several names came, all of which were those of strangers to me. The communications to which these names were signed were irrelevant and upon matters unknown to the writer. After these names appeared the personality of the control seemed to change, and from that time through the remainder of the sitting the control purported to be my late wife, and the name by which I knew her was frequently written. The messages were in the main very coherent, and corroborated some messages I had received prior to this in another city. Reference was made directly to these messages by the medium. Most of the messages were of a private and personal character, but still a few hints may be worthy of record. I was asked as to the disposition of my wife's watch, and upon my reply that I intended giving it to her namesake, the name of the little namesake was at once written and a minute later the name of the child's mother. Upon enquiry as to the relationship between these two names, it was correctly stated that the little girl was the daughter of the C., whose name had been given. Reference was made as to the location and character of the disease from which my wife died in correct terms. Many statements were made as to private matters, which can only be verified or disproved at a later date. I had been introduced to the medium under an assumed name and my true name had not been mentioned. At the close of the interview I asked for the signature in full of the control, and at once the three initials of the name of my wife were correctly given. I asked for the surname, and the maiden name of my late wife was at once written—a name which has the same initial letter as my own name. I then asked for the married name, and at once received it correctly spelled.

I will add that I am an entire stranger in Boston and some of these names could be known to no one here but myself. After the control ceased to write, another control of the medium, Dr. Phinuit, told me that a little boy, a living relative of mine, had sustained an injury to an elbow or wrist, but he was doing well at the time. This was correct, for a nephew of mine had sustained a fracture of the arm a few days previously, a fact which had not been mentioned by me to anyone.

During the latter part of the interview, the impression produced by frequent allusions to private matters and the character of the messages themselves gave rise to a very strong conviction that the control was what it purported to be, that of my late wife.—Very respectfully,

K.

To Miss Edmunds, at a sitting on June 13th, 1894, was said :—

[Phinuit] Do you know Etta? (No.) She wants to send her love to her husband in the body.

To R.H. on June 14th, 1894, was said concerning Dr. K. :—

[Phinuit.]

Tell him that she will prove the test to him that was private to him. She will do what she said she would. She won't let me tell you what it is, but he will tell you afterwards.—G-O-O-D—He'll know what that means.

I sent these statements to Dr. K., who replied as follows :—

London, July 20th, 1894.

DR. RICHARD HODGSON,—DEAR SIR,—Your very kind letter of June 29th giving me the messages from “Etta” which came after my visit to Mrs. Piper was received here this morning. . . . They are perfectly intelligible to me, as I can explain to you at some future time as she said.

With reference to the writing of June 12th one matter concerning which there was a positive statement which I could only verify in New York after I left Boston, I found to be exactly as she stated it would be. I cannot go further into particulars at present, but will at some future time. . . .

F. H. K.

Dr. K. had another sitting with Mrs. Piper about a year later, on his way home, I understand, after a trip in Europe. On May 16th, 1896, he made the following statement in the course of a letter in reply to my inquiry on another matter.

I am tempted to give you a little incident connected with my last visit to Mrs. Piper, which was only verified when I reached my home. I received from Mrs. P. a few words of communication from some one who claimed to be my Uncle G., recently deceased. I had an uncle with that initial who had died a short time before. Among other things said was “*Give my love to L. and tell her I see the trouble with her eyes.*” L. is the initial of my uncle's widow. As you remember I had but just returned from a year's trip abroad, and I knew nothing about my Aunt L., and of course did not understand the message. Later, when I reached my home, I found out that my aunt had been for some little time under treatment for some trouble with her eyes.

December 13th, 1894.

Sitters: Professor J. Estlin Carpenter, of Oxford, and Mrs. Carpenter, at the house of Professor James, by whom the sitting was arranged, and who was present till Phinuit had said a few words, when his place as recorder was taken by Professor Edward Cummings, of Harvard, who, Professor James informs me, had had two sittings with Mrs. Piper some years previously “with success.” Professor James adds :—

“Mrs. James and Mrs. Piper were in the same room when Professor J. Estlin Carpenter of Oxford entered. He was introduced as Mr. Smith

to Mrs. Piper, and withdrew, speaking to her, to the end of the room. His wife then entered and was greeted by Mrs. James inadvertently as 'Mrs. Carpenter,' which of course annuls the best test of this sitting."

The following is the statement by Professor Carpenter :—

Cambridge, *December 14th, 1894.*

DEAR PROFESSOR JAMES,—I had a sitting yesterday with Mrs. Piper at your house, and was greatly interested with the results obtained, as they were entirely unexpected by me. Various persons were named and described whom we could not identify (my wife was present); but the names of my father and mother were correctly given, with several details which were in no way present to my mind at the time. The illness from which my father was suffering at the time of his death was identified, but not the accident which took him from us. A penknife which I happened to have with me was rightly referred to its place on the desk in his study; and after considerable hesitation Mrs. Piper wrote out the word *organ* when I asked concerning other objects in the room. She added spontaneously a very remarkable item about which I was in no way thinking, viz., that on Sunday afternoons or evenings (her phrase was "twilight") we were accustomed to sing there together. She stated correctly that my mother was older than my father but died after him; and she connected her death with my return from Switzerland in a manner that wholly surprised me; the fact being that her last illness began two or three days after my arrival at home from Lucerne. She gave the initials of my wife's name rightly, and addressed words to her from her father, whose first name George was correct. She also desired me in my father's name not to be anxious about some family matters (which have only recently come to my knowledge), though their nature was not specified. Finally, though I should have mentioned this first, as it was at the outset of the interview, she told me that I was about to start on a voyage, and described the vessel in general terms, though she could not give me its name, or tell me the place where it was going. I saw enough to convince me that Mrs. Piper possesses some very extraordinary powers, but I have no theory at all as to their nature or mode of exercise.—Believe me, faithfully yours,

J. ESTLIN CARPENTER.

February 10th, 1895.

Sitter: Mr. W. B. C., alone. Appointment made by R. H. Mr. C. sent the following account with subjoined table. I believe that I was unaware of any of the facts referred to at his sitting except his connection with music.

June 21st, 1895.

MY DEAR MR. HODGSON,— . . . Mrs. Piper's manner of entering the trance was in no way different from what your descriptions led me to expect.

There was physical contact during the whole sitting, the weight of the upper part of her body being supported through her forehead resting on the back of my wrist and hand.

I endeavoured to keep track of the statements which were not correct equally with those which were, but I am quite aware of the difficulty of so doing, and that nothing short of a stenographic report would be trustworthy in that respect. In cases where there was an unmistakable element of truth I found my mind constantly tending to overvalue the amount of the truth and to fit in or ignore the incorrect to an alarming degree. The value therefore of my conclusions is limited by my personal equation of self-control of which I can naturally not be a judge.

I have endeavoured to divide the statements made by Mrs. Piper into several headings, for a description of which I will refer you to the subjoined little table. I have numbered the items and have commented on them following the table.

I may say at once that the thesis, which this sitting tended to support, is that she was in condition to be able to draw upon my unconscious memory with limitations which I had not evidence enough to define. The effort to will a particular vividness of remembrance seemed of no avail whatever in assisting her, and was possibly even an impediment to the ease of her demonstrations.

Before going to Mrs. Piper I had no knowledge that anyone else held the same view in regard to her. It came to me before speaking to any one about the sitting as the result of that sitting and was reinforced by many small points which I could only describe at great length if at all. I have given a few below.

I should say further that though some months previously a separation from a most valued friend, a man, under the most painful circumstances, and the death of a very near relative had taken place, it was not with the slightest idea of hearing anything *from* them that I went to Mrs. Piper. I did not then believe nor do I now see any reason for believing anything prophetic or supernatural in anything Mrs. Piper accomplishes.

From all possible evidence, for which in fact you can best vouch, Mrs. Piper never saw or knew of me or my name.

Some of the items in the table are marked H to indicate those which it was within possibility that you should have known and informed Mrs. Piper about. I leave you to make such statements in that respect as you see fit.

Referring to the table I will now take up some of the statements.

1. Immediately on going into the trance Mrs. Piper spoke of my being surrounded by music, sheets of music. I have placed this in the column "Could have Been Observed" because before the trance began I went to a piano standing in the room, remarked upon your having spoken of her daughter's studying music and asked leave to look at the title of the piece on the rack. The composer was Hunter, who writes for children and students. I carelessly enough showed my familiarity with him which would have been sufficient to show that I had done something, even much, with music, which has always been the case.

2-7. Next followed a torrent in regard to the difficulty with the friend of whom I have spoken above. The chief assertions (such as that there was a difficulty with a friend, misunderstanding, life broken up, would all come right, etc., etc.) I have divided into six points, three of which might have been the stock guessing of a fortune teller in a similar case, but the other

three were certainly more remarkable. I do not give details as they are too personal, and because I found in this part of the sitting nothing to put into the column (the last two) bearing most strongly on the general thesis, except that they raise the average of correctness and were perhaps a little more than could have been expected in concord and proportion with the weight of this matter on my mind over all others. A photograph of this person was touched by Mrs. Piper according to her custom, but no name or writing. She gave immediately and correctly, however, the first initial of his name, which is, it should be remarked, one of the most common in the English language. But she could only complete the name with difficulty. This rather curiously coincides with the fact that none but his intimates ever knew and none at all used his first name, as he always signed with the first initial, full middle, and full last names. The name by which he was commonly known was his middle one and that Mrs. Piper failed wholly to give.

8. A first name imperfectly pronounced in Mrs. Piper's French accent was then given of the only person who knew the circumstances of the above. It was not till several days after that I recognized from my notes and description the person and connection, which were then unmistakable, a circumstance which easily places this mention in the column marked "Remarkable" from the point of view of connection with my unconscious memory.

9. In response to the question as to the health of the person referred to in 2-7, he was said to have a cold and to be at home lying on a couch with his throat bandaged. He did have a cold at the time but was on no day absent from his business.

10. The next statement, most suddenly and disconnectedly made, was in regard to pictures, both pictures and sketches, which she saw about in great numbers. She insisted on this several times, while, my mind being intent on the person previously spoken of, I could see no connection whatever. Asking her for a description, she began to describe my sister, a step-sister, who had died a few months before and whose whole life was bound up in painting. [11] The fairly correct physical description had gone but a little way when she seemed to be seized with an extreme pain most alarming to me, as it did not seem possibly a part of her trance. The pain was in a part of the body where a surgical operation had been performed of which my sister immediately died.

[24] Mrs. Piper then took to writing as under control of my sister and after a few sentences wrote the complete signature, first name, middle initial, and last name of my sister. Mrs. Piper had had in touch a letter from my sister, and I afterwards supposed she had somehow seen the last name signed to that and I knew she had mentioned the abbreviated form of the first name. But on referring to the letter still later it was only signed by initials, and the full name was nowhere mentioned in it nor had been by me during the sitting. I should call your attention to the fact that as this sister was a step-sister her last name was different from mine.

12. During the writing very insistent mention was made in regard to a ring which she wanted taken from its then resting place and given to her

most intimate friend, M. In answer to my questions the ring was described as containing a small diamond and as kept in a small box in a writing-desk upstairs as distinguished from one downstairs. On investigating this question afterwards I found that there was such a ring but that it contained two other stones, one each side of the diamond, that it was kept in a small box in a chest of drawers upstairs at the home of a sister who lives in a distant city, and that, as a singular coincidence, it had been taken from there for the first time in many months on that very date, February 10th, and placed in a writing-desk. I see no value in any of this part, especially as the family speak of there being another ring also, about which I can get no information as yet.

13. The assertion was made that at the moment she spoke of it, 11.53 a.m., a person, G. M. L., was at home writing a letter at his desk. From the best information afterwards obtainable there were two short periods during that day when he could have written. During one of them he had written a note, and one of these periods corresponded with the one during which I was with Mrs. Piper.

14. The death of this sister, a different one from that mentioned in No. 10, was not by consumption but by typhoid fever. We always regarded her however as inheriting consumption, and already then showing various symptoms of it.

16. Her description was meagre but correct, which would accord with the circumstance that, as she died nineteen years ago, my own remembrance is meagre.

17-23. Then followed the description of a very intimate friend, F.W.B., lately dead, of whom the two most remarkable characteristics, one a very unusual one, as different from other men, were correctly stated.

25. A return to the person mentioned in 2-7 brought up a description of a mutual friend who would most naturally have come up in the connection. I did not at first recognise the person till Mrs. Piper abruptly said that something was the matter with either the first or second finger of the right hand. I instantly recognised the person then, and that this was the one slight physical deformity by which he might have been described by those of us who had known the cause of it. It then became a question as to whether Mrs. Piper could name the finger correctly. I exercised all possible will-power to assist, but she wrongly named the second finger instead of the first.

26-29. Mrs. Piper then passed abruptly to a criticism of my own physical condition. There were four chief points, all correct, but as my own ills are those of thousands, especially in America, I have valued them as in the table, very little.

30. During the writing purporting to be by my sister, mention was constantly made of the name of her most intimate friend, and that without any question or allusion on my part. In this event there was what seems to me a singular piece of support for my thesis, for the name by which this friend was called was that by which I, not knowing her well personally, always supposed she was called by my sister. But it seems that between themselves the middle name only was used.

SÉANCE WITH MRS. PIPER,

February 10th, 1895.

No.	Event.	...	...	...	...	...	...	Direct Assertions.		Remarkable.	Very Remarkable.
								True.	False.		
1.	Connecting me with music	...	II	—	—	—	—	—	—	—	—
2-7.	Difficulty with friend	...	...	—	×	×	—	—	—	—	—
8.	Mention of names and description in connection with above	...	...	—	—	—	—	—	×	—	—
9.	J. ill with cold	...	...	—	—	—	×	—	—	—	—
„	At home	...	...	—	—	—	—	×	—	—	—
10.	Pictures	...	...	—	—	—	—	—	—	—	II
11.	Pain and location	...	...	—	—	—	—	—	—	II	—
12.	Ring	...	...	—	—	—	—	×	?	—	—
13.	Exact time of writing letter	...	...	—	—	—	—	×	?	—	—
14.	Enumeration of family, living and dead	...	...	—	—	—	II	—	—	H	—
15.	R. H. C. died of consumption	..	..	—	—	—	—	×	—	—	—
16.	R. H. C. description	...	...	—	—	—	×	—	—	—	—
17.	F. W. B. description :										
	height—medium	...	...	—	×	—	×	—	—	—	—
	nose—large	...	...	—	—	—	×	—	—	×	—
	sides of face very large	...	...	—	—	—	×	—	—	—	×
	somewhat heavy over eyes	...	...	—	—	—	—	×	—	—	—
	forehead rather high	...	...	—	×	—	×	—	—	—	—
23.	hair—brown	...	...	—	—	—	—	×	—	—	—
24.	Whole signature	...	...	—	—	—	—	—	—	—	H
25.	D.'s injured finger	...	...	—	—	—	×	—	—	—	×
	„ middle „	...	...	—	—	—	—	×	—	—	—
26.	My own state of health	...	...	×	—	—	—	—	—	—	—
				×	—	—	—	—	—	—	—
				×	—	—	—	—	—	—	—
29.				×	—	—	—	—	—	—	—
30.	Naming intimate friend correctly			—	—	—	×	—	—	×	—
31.	Other names—several	...	...	—	—	—	—	×	—	—	—
32.	Other statements	...	...	—	—	—	—	×	—	—	—

Those marked H could have been known to Mr. Hodgson though I have no reason whatever to suppose they were. [The only one known to me was (1).—R. H.]

31. Various other names were mentioned in both the writing and speaking, some entirely unknown to me and others proving nothing.

32. Various statements also were made which were such as any fortune-teller might make, having a general bearing, but no special worth. I am bound to say, however, that they were few, which on the other hand again may be accounted for by my interposing definite questions when such remarks became at all tedious.

I have nothing more to add except that the total result seems best represented by the contents of columns 6 and 7 of the table. . . .

W. B. C.

September 9th, 1895.

Sitter: Professor J. M. Baldwin. Appointment made by Professor W. James. [Sitting probably held at house of Professor James in Cambridge.] Professor Baldwin made the following statement:—

Princeton, N.J., *September 13th, 1895.*

My impressions noted immediately after my sitting with Mrs. Piper, September 9th, are about as follows:—

1. There are three elements of truth in the matter of her "messages" which need explanation: her description of certain facts of my brother's life; the initials H. B. and H. H. B. (my wife's initials) in connection with the seal which I put in her hands—a seal given to me by my wife; and her telling of the death of another brother in boyhood.

2. These elements of truth were, however, so buried in masses of incoherent matter and positive errors as to matters in which she tried to give information, that the sense of her failure on the whole is far stronger with me.

3. Even as to the fact of her being in a trance at all, my impression is not strong despite the fact that I came fully expecting to be convinced on that point.

4. My state of mind, therefore, is almost the same that it was before the sitting, *i.e.*, a condition of willing approach to any evidence on either side of the question at issue; I am only disappointed that she did not give me more data for forming a positive opinion. I am fully aware, however, that one such sitting has very little negative weight, considering the variations which this sort of phenomena are subject to.

J. MARK BALDWIN.

About November 30th, 1895.

Sitter: Professor Herbert Nichols.

Professor Nichols lectured for some time at Harvard University. The following account, undated, was forwarded to me by Professor James, to whom it was sent. I knew Professor Nichols, though not intimately, and was unaware that he had a sitting until several days

after his sitting, when a brief message came apparently from his mother, that led me to surmise that he may have been the “unknown” sitter for whom I had appointed a day.

* * * * * *

[Received by R. H. December 24th, 1895.]

Just before coming away I had a wonderful sitting with *Mrs. Piper*. As you know, I have been a Laodicean toward her heretofore. But that she is no fraud, and that she is the greatest marvel I have ever met I am now wholly convinced. Think my interview more wonderful than any I have ever heard reported of her before. I went under an assumed name through appointment made with Hodgson by letter—even he did not know who I was—probably does not now. The most of the interview, and by far the important part, was of such a nature I can’t write about it, but should like to tell you somewhat of it sometime.

I asked her scarcely a question, but she ran on for three-quarters of an hour, telling me names, places, events in most startling manner.

Then she suddenly stopped talking and began writing—this was far less satisfactory and about an entirely [different] *set* of matters—mostly about Mamma (who recently fell and was killed) and message to her grandchildren.

One thing here, however, will interest you. Mamma and I one Christmas exchanged rings. Each had engraved in his gift the *first word* of his favourite proverb. The ring given me I lost many years ago. When Mamma died a year ago, the ring I had given her was, at her request, taken from her finger and sent to me. Now I asked Mrs. Piper “What was written in Mamma’s ring?” and as I asked the question I held the ring in my hand and had in mind *only that ring*. But I had hardly got the words from my mouth till she slapped down on the paper the word in the *other ring*—the one Mamma had given me, and which had been lost years ago while travelling. As the word was a peculiar one, doubtfully ever written in any ring before, and as she wrote it in such a flash, it was surely curious. . . .

[NICHOLS.]

APPENDIX IV.

The following series of sittings with Dr. and Mrs. A. Blair Thaw and several of their closely connected relatives and friends are quoted in full as a specimen series, owing to the completeness of the record. Some weeks before the date of their first sitting, Dr. and Mrs. Thaw, who had heard that Mrs. Piper had been reported upon favourably in our *Proceedings*, called on Mrs. Piper at her house in Arlington Heights, Mass., and requested a sitting, without giving their names. Mrs. Piper was ill at the time, and not giving any sittings, and referred them to me. They called on me, and expressed their desire for a sitting, and finally gave me their address in New York. They were previously entirely unknown to me and were not members of our Society, and did not give me their names till the end of our interview. I told them that Mrs. Piper expected soon to visit one of our members, Dr. Anna Lukens, living in New York, and a sitting might be arranged for them there. In consequence they had their first sitting at the house of Dr. Lukens, to whom they were previously unknown. Their next three sittings were at Mrs. Piper's house in Arlington Heights, and the May sittings were in New York or its vicinity, where Mrs. Piper was their guest. The sitting of January 16th, 1893, was at a friend's house in Boston. The omitted portions of the sittings, marked by asterisks, and all of which I have seen, consist, for the most part, of references to living persons, showing an intimate knowledge of their character. The record of one sitting, which came between the numbered sixth and seventh, is omitted altogether, at the request of the sitter, as being too intimately personal, and containing much very private matter concerning the deceased.

The persons who had sittings were Dr. and Mrs. A. B. Thaw, Mr. Lorenzo Dow and Mrs. Sabrina Dow (the father and mother of Mrs. Thaw), Mr. Alexander Dow (the brother of Mrs. Thaw), Mr. George Perkins, an intimate friend of the Thaws and of Mr. A. Dow, and at that time associated in business with him, Mr. Melvin W., the agent of Dr. Thaw's country estate, and Miss Ellen Heffern, the nurse of Dr. Thaw's children. It may be said that in the later sittings, at any rate, some of the information given may have been acquired by Mrs. Piper, since she was a guest at the house of the Thaws. This, of course, cannot be denied. Dr. Thaw, however, was a careful investigator, and was well aware of the necessity of adopting such precautions as were possible under the circumstances; and there are various

incidents in the later sittings which probably few persons would suppose that Mrs. Piper could have "got up" or heard about beforehand, such as the information given in connection with special articles presented as tests, or the prophecy, afterwards fulfilled, that Dr. Thaw's brother W—— would die in sleep, in six months or less, of heart failure.

Some of the most striking incidents in the series occurred at the first sitting, in connection with the deceased children of the Thaws, and with their friend "Dr. H." In considering the hypothesis of imposture, first sittings, of course, *cæteris paribus*, are of the most evidential value; but it is only from series of sittings with the same sitters, or the same "communicators," that we can hope to arrive at satisfactory conclusions concerning the significance of the phenomena. Some of the more important incidents that occurred in this series of sittings are quoted on pp. 351-2, 384-5. Of the many other references to friends and relatives mentioned at the sittings I have not given any summary. The records should be read in detail to be appreciated, as the form in which the information is given is in most cases not less important than the matter.

First Sitting. February 14th, 1892.

[Present: Dr. and Mrs. A. B. Thaw; also Mrs. Holmes, who has quieting physical influence on Mrs. Piper. Sitting arranged for by Dr. and Mrs. Thaw, without giving names. Mrs. Piper says she is in strong physical condition. Dr. T. writing notes. Mrs. T. and Mrs. H. both sitting with Mrs. P. Convulsions strong; continue ten minutes. Mrs. H. steps aside.]

Phinuit: Bon jour! Comment vous portez-vous? I'm Dr. Phinuit. Frenchman! [Stroking Mrs. T.'s face.] This is nice little lady. Not very well, but good little lady, nice little lady.

Charlie! Come here, Sis! [Phinuit's name for Mrs. H.] [To Mrs. H.] Keep your Charlie and Harry out of the way. I want to talk to these people. Who's that standing there writing? He's a good fellow, but kind of cranky. I don't mean any harm by "cranky."

[1.] A little child comes here to gentleman. Puts hand on his head. [Child always did so.] Light golden hair. [Correct.] [Dr. T. has hair in pocket; stands ten feet away.] Little boy. [Child was very generally mistaken for boy.]

Phinuit [in a child's voice, for "R."]: Tell mamma not to trouble so. [Here, and at times later, there seemed to be great physical distress and pain in abdomen, throat and head.] It pains me so here. [Hands on abdomen.] [Correct. Child had dysentery, with sore throat.] My throat hurts. The powder! Take it away. I don't like it. Take it away. [Bismuth was given through entire illness of two weeks, and was always given with trouble.]

Phinuit : Curly golden hair. [Hair was very curly.]

Phinuit [for R.] : I am not dead. I am not dead. I am not dead.

Phinuit : My head aches so ! [To Mrs. H.] Sis ! Put your hand on my head. Throat so bad ! Hurt so ! [Pause.]

Phinuit [for R.] : I can't tell why mamma don't speak to me ! Don't put it in the bottle. Take it away.

Phinuit : Little girl ! Long light hair. Eh—Eh—Eth—Ethie, Ethie, Ethie. [Changing sound of E.] She's trying to tell me. Net-tie. Ne-thie. Can't get it. There's something the matter. This little child hasn't learned to talk. [Correct, except for a few words which were mentioned at later sittings.]

[2.] Phinuit [for R.] : Take me up in your arms ! The stars ! Stars ! When I saw the stars, then I knew I wouldn't stay. The book ! I want the book. The book ! I want mamma to speak to me. I am trying to reach my mamma. [Phinuit has pains or distress here.]

Phinuit : Never saw any one so anxious to come. Trying to get through the veil. But can't do it. [Some mumbling here.]

Phinuit [for R.] : I've come such a long way to speak to you, mamma. They took all my things and put them in the box. [Correct.] I didn't like that. Oh, dear ! There's papa too.

Phinuit : This is dreadful. This little girl will take me out with her. She's tearing me to pieces. [Great pain apparently.] See the little curls ! Ethie ! Ethie ! Oh, dear ! Oh, dear ! [More suffering.] What do I see ? I don't want Harry. [To Mrs. H.] [Pause.] Here come two ! Baby and little girl. [Correct. She's gone to get baby.]

Phinuit [for R.] : She's here, too. And I'm not sorry.

Phinuit : Ellie—Ethie. [We tell Phinuit that the first letter of the name is R.] These children are crazy, trying to get to you. To reach through the veil.

Phinuit [for R.] : I've been to you once. [About six weeks after her death Mrs. T. woke one night and heard a noise like light rapping on the foot of the bed, which lasted for several minutes. She told me about it in the morning.] I'll come again often. Some time you'll see me. See papa writing. Tell papa to go home and think about it. Tell papa I'll come to him, too. I'll touch him.

Phinuit : Ret-tie. Ret-thie. [Phinuit is given watch and chain that belonged to Dr. T.'s mother, who died thirty years before.] Here comes a lady. Grandma ! She's here, too, with children. Grandpa in the body. [Mrs. T.'s father is living.] Never saw such a trouble to reach anybody. [Another pause.]

[Loud.] H-T-U-R—H-T-U-R. [*Ruth* backward.] Ruthie. [Child was always so called and with about equal accent on each syllable, as pronounced here by Phinuit.] Who's Mar—Maa—Mar—Mar— [Mary and Margaret pronounced later.]

Oh, dear ! In the body. Another one, to be. Coming to stay with you. [See later in this sitting.]

I've got something the matter with my teeth. [Baby was teething when she died.]

Two little girls. One want's baby's beads. Mar—Marie. Mar—Ma—

[Margaret used to play with a necklace of gold beads belonging to her older sister Beatrice (living).] Grandma's sister Marie. [Mary. Correct.]

Phinuit [for R.]: Speak to me. Don't fret for me so. Take me in your arms, mamma. [Suddenly.] And there's my picture! [Mrs. T. was painting a picture of Ruthie when she was taken ill.] It's good. It was the last chance. I watched it every day. And you never did better.

Phinuit: They're not very old. She seems to be delighted. Puts arms around mamma's neck. One comes first and brings little one. Only says papa and mamma.

Phinuit [for R.]: That thing they put in the box was not me. I'm not dead.

Phinuit: This little girl had some flowers in her hand. [Referring to the other one, Margaret.] Liked them and took them with her. Now she's brought them with her to you. [Mrs. T. placed three little flowers in Margaret's hand after her death.]

Phinuit [for R.]: Little chain and locket! I want it. I'm not talking about locket. I want the chain. [See later about necklace and rosary.] Little sister's not dead.

Phinuit: I can see— Who's Ellie—Ella—Ellen? [Nurse's name is Ellen.] Mar— This little one makes me quite ill. [Motion of patting.] Pat! Pat! Pat! [For R.] I want to pat papa's face. [Dr. T. takes one hand of Mrs. P.] Phinuit pats Dr. T.'s face. [This very characteristic.]

Phinuit: Maa— Maa— Mar— Look at the light hair. Mamma puts it on her finger. [Feeling heads of Dr. and Mrs. T. above the ears, where the baby's hair curled most.]

Phinuit [for R.]: Not Ruth. Call me Ruthie.

Phinuit: Who's mother? Grandma. Hear the little one call Grandma.

Phinuit [for R.]: Tell papa to think it over, and when alone I'll come again.

Phinuit: Give me the watch. [Takes watch again.] There's a little book. Cards! With picture on it. Four together. One separate. [Not recognised.] Where's Sis? [Pain in head again.]

[To Dr. T.]: I'll let you go, gentleman. I'll speak to you presently. [Pause.]

(Mrs. T.: Tell me about baby.) Phinuit [suddenly and loud]: She's gone to get Margaret. [Correct.] Margery—Margaret—Marguerite. They want to speak to mamma. This little girl brings flowers.

Phinuit [for R.]: Come to me often. I will touch you and papa both.

Phinuit [impressively]: Friends, let me speak a word to you. Let me tell you there will be another that will stay. [Mrs. T. asks if there are any more.] One now. Only one.

Mrs. T.: (Will she stay?)

Phinuit: She will stay. One more! [Mrs. H. asks, "Boy or girl?"]

Phinuit: I'm a little boy. Three sisters! Two to stay and two to go, but not to die! [Pause.] [Mrs. T. has since had two children, both girls, born one in October 1893, the other in September, 1895.]

H——. H——. H——. Oh, dear. He's with us, too. Seems to be a gentleman. He's coming, too. [Confused.] [To Mrs. H.] That's yours, Sis! H——, you go off. Oh, my head feels so bad!

Phinuit [for R.] : Speak to me, mamma ! Speak to me. I want to stay. Can't you think I'm here ? Tell papa. [Watch is given again.] Watch. Grandma's. Put Sis's hand on my head. [Short pause.]

Ruth ! Two Ruths ! Two of them. Mamma's grandma. [Correct.] [Pause.]

Phinuit : George, in the body. A friend. Ill. Is going to pass out suddenly. Lung trouble. Away now. [See reference to George Perkins in later sittings.]

Phinuit [for R.] : Great grandma. My namesake. [Correct.] [A. B. T. asks whose watch it is.] Watch not Ruthie's, but papa's mamma's watch. [Correct.]

(A. B. T. : Do you know her name ?) Phinuit : She'll tell me. Too weak now. [Another pause.] [Loud.] Friend ! H O W A — He's talking to me. I hear him whisper. He's coming nearer. [Phinuit here gives a nickname for a friend recently dead. Nickname not known to any one present. On inquiry his widow said it was the name commonly used by his mother and sisters, all dead, but not used by any one living. A. B. Thaw.]

[3.] H——. H——. [Giving name of friend.]

(Mrs. T. : Does he know the babies ?) Phinuit : [Speaking softly and with feeling.] Quite well, quite well. [True.]

(Mrs. T. : What is he doing ?)

Phinuit : Hears music. Puts paint on. [Mumbling. Indistinct.] [Loud.] He writes fast. H——.

H. : Write it for me. Write it for me. H——. No more trouble now. It was my head. [Correct.] I *was* wandering a little. [Correct.] Not now.

[4.] Tell F—— I don't suffer any more. [Voice weaker.] [Loud and in characteristic manner.] How are you ? We are all brothers and sisters. [Weaker.] Give me love. [Pause. Something about F——. Whispers.]

(Mrs. T. : Have you a message for any one else ?) H. : Give my love—to my wife. [Whispering.] Tell her I'm very happy now. Phinuit : [Loud.] He's gone.

(Mrs. T. : Is there any other friend ? What about the one who paints ?) Phinuit : He puts it on that way. [Motions with hand.] He puts it on canvas. Who's Louis ? Tell C. H. [Unintelligible.] [Loud.] Here it is. Oh, here. Oh, dear ! You seem so stupid. W—— H—— W——. [Surname began with W.]

(Mrs. T. : How does he look ?) Phinuit : He looks so fine. He puts hand on head. [Suddenly.] Where's F—— ? [F—— was the first name of the painter friend.] I am not so far away after all. Did you see me paint ? I painted for him. [Points at Dr. T. One of his last pictures was an order for Dr. T.] Phinuit : Friends ! I can say no more. R. : Mamma ! Don't trouble.

Further Comments on Sitting of February 14th, 1892, by Dr. Thaw.

1. My child Ruthie had died three months previously, at the age of fifteen months. Her twin sister Margaret, mentioned later, died twelve months before the sitting. Ruthie had a special habit of putting her hand on my head, and also of patting it.

2. For two or three months prior to her death Ruthie was fond of pointing at the stars through the window. She was particularly fond of her picture books.

3. Dr. H——, our dearest friend, though known to us for only three years before his death, which occurred about eighteen months prior to the sitting.

4. F—— was the name of his brother, a physician, with whom Dr. H. had corresponded concerning the cause of his illness and the nature of the early head symptoms.

Second Sitting. February 27th, 1892.

[R. Hodgson and Miss R. have first part of sitting ; those present at last half are Dr. and Mrs. A. B. Thaw and Mrs. Thaw's brother, Mr. A. Dow, who writes shorthand.]

Phinuit : Well, well, well, where did you come from?—Oh look ! Well, you are a dear little lady any way. Hodgson, you go out. H. : Well, good bye, Doctor. [He goes out.] Phinuit : Au revoir, Hodgson. Keep a stiff upper lip and behave ! [To Dr. and Mrs. T.] I'm so glad to see you. [To Miss R.] Good-bye. Why don't you stay ?

Oh, I am so glad to see you. Are you pretty well ? All pretty well ? Well ! Here is—Oh dear ! Give me—[Feeling in Dr. T.'s pockets ; gets envelope with chain of beads mentioned in last sitting of Dr. and Mrs. T., and belonging to Beatrice. *See below.*]

Baby's here. [Rubbing chain on head and breathing hard.] I'm here. But I want—that's what I want. [Getting chain out of envelope.]

Phinuit : Come here, little girl, come here. Tells me to pat you on the head. [To Dr. T.] That's it. She talks very sweetly and very softly. She comes here and says that—Who is B—Bertie—Bertie—B-E-A-R-T-A-I-C-E. [Living child Beatrice—her own pronunciation.] Ruth, Ruthie—Ruthie here—This little girl—Will you give me a piece of something belonging to this little girl ? I want those little light curls. She has a whole head full of little curls. [See first sitting.]

Speak to me. I'm not dead—not dead—not dead. She makes me put my hand on you. She tells me to do this. She has brought another little girl. Little Marjery—Marjaret. You speak to papa too. She's your baby—She comes very near to you. There ! Talk to her. Wait a minute. [Pause.]

(Mrs. T. : What do they do there ?) Phinuit : They're playing with the beads. [Twines beads around hands.] She makes me take this little thing this way, and puts it down, down over my wrist that way. You see she knows this. She used to have this to play with in the body. And she sees mamma in the body. And there's only a veil.

M. : I can see you, but you can't see me. I will come to you—I will come to you. You will see me soon ! Soon !

Phinuit : She says you will see her soon. This dear little thing is all in white. And she says you will see her when she comes, wearing something looking white. You talk with her. She makes me play with these.

(Dr. T. : Can you ask who is taking care of them?) Phinuit : She's all right. She's all right. Margie's all right. But who is Bet—Bet?—Tie—it sounds like *Tie*—I send love to Bettie. [Family name for Beatrice.] Bettie's in the body. Is all right. [Pause.]

Who's George? [Mr. D.'s chum, George Perkins. Last name given later.] [Feeling Mr. D.'s face.] Oh, you're a good fellow. You go on and write. Who's George, George there—George? George. [Loud.] Here, Uncle George! Uncle George in the body. There is—this isn't right—I'll straighten it out.

R. : I want you to speak to me, mamma! (Mrs. T. : Dear baby!) R. : And I see you. (Mrs. T. : What can I do to see you?) R. : You do what you do do. You will hear my fingers tapping, tapping. I will be there—I will be there. My stomach is not sick any more. And I'm happy. And I'm so glad to see you.

(Mrs. T. : What are you doing?)

R. : I'm playing. I'm playing all right. Don't you see? Don't you know baby? Papa, dear, you've changed. You look funny. Why is that? I want to pat you so. (Dr. T. : Who takes care of you?) R. : I have a sister.

Phinuit : Grandmother's watch. [Taking watch. Correct.] I'll take it. Here's Ruthie and a Ruth. Great grandmother. [Correct.]

(Dr. T. : Whose watch was it?) Phinuit : That's my grandmother's watch. I will get her here in a minute. She didn't come with the child. But I'll bring her here to talk with you. She's been here a long time. But I'll send the children away to get her and bring her here to me. [Aside.] You get out of the way.

Love to Betty, Betty in the body. Dear Betty. I want to see Betty, Betty! I'm not dead. I'm alive.

(Dr. T. : How about grandmother?) Phinuit : That youngest child has gone to get her.

(Mrs. T. : Can they walk now?) Phinuit : Walk! Certainly! There's only a veil between.

Hodgson! Where's Hodgson? (Dr. T. : He's gone.) Phinuit : One of his friends just came up here.

[To Dr. T.] If you will be a little patient with me, I can get the influence of these here. [Watch.] I can get your mother. I will get her.

But who is that calls Abbie? A—B—I don't know how you spell this word. A—D—Who is that? Tell A— [A— is name of living daughter of Dr. H—.] She's calling for this lady. Here comes a lady to you. You have got her picture—a very large picture of her. [Correct of Dr. T.'s mother.] And she has come. She is attracted by the influence in the body. I will awaken her in a minute. Don't hurry me, please. The children don't like to be sent away. The little one is gone. Little Ruth is here with me, with little light curls all over her head. [To Dr. T.] She makes me pat your head. But two will stay. Little Betty is going to stay in the body with you. And there is going to be one more that is going to stay. There will be two with you and two of us here. I can't quite— [Broken.]

Her voice isn't very strong—and it's a child's voice, you see. And it's weak, you understand. And it's very much like a little baby that doesn't talk quite plain.

(Mrs. T : Does she live in a home the way we do ?)

Phinuit : She lives in a house just exactly as you do. And you attract her attention ; she notes every motion of your body. Will you speak to this little girl ? She used to play with these when in the body. This one.—Where's the crib ?— You know the picture ? Mamma's lovely picture. You did the picture.

(Dr. T. : What kind of a picture ?)

Phinuit : Oh, the hair is so pretty ! It looks as if it was going to speak, doesn't it, dear ? [Pause.]

You know me, dear ? Where is A—— in the body ? [A living daughter of Dr. H., and a great friend of Mrs. T.'s.] Mother comes here, a lady, and sends her love to A——. A——. A——. Who is this lady ? I don't know this lady. You wait a minute. A—— is in the body ; she is connected with you. [To Mrs. T.] And that sister died. Brother George. Her brother George. [A's dead brother.] I can't tell you. But there is an elderly lady here. Tell me this. . . . You know I have something the matter with my heart. You know what I mean, and I'll be all right. [A—— had a brother George, deceased, and also a sister deceased. These facts were known to us. We were unaware of the cause of the sister's death, but afterwards ascertained that the cause was heart disease.—A. B. T.] Any questions you want to ask ? (Dr. T. : How about grandma ?) Phinuit : Little girl gone for grandma.

Mamma, speak to me. Speak to little Ruthie. I'm here just now. I'm here alone. They will be here soon. Don't worry. The little one is gone to get her. [Pause.] Here's H——.

I've come to put in a word a minute. I want to say there is no death. I am living. I am with you still—and fear not. Close your eyes and go to sleep. Waken up, and it's all over. You live again. And not much memory of what has transpired. I see you clearly ; as clearly as anything you like. I will answer for it. I was never so glad to see anybody as I am glad to see you. Tell my wife I live. What are they doing ? (Mrs. T. : What are you doing ?) Why do they mourn ? Why fret for me ? They must not weep ; I cannot have it so. Tell them it is wrong. I live. I—Phinuit : Wait a minute. He has lost his word. Wait a minute. I'll be back in a minute. [Pause of several seconds.] Phinuit : Here he is ! Here he comes !

Has anybody a word from Top ? [Nickname of best friend of painter F—in first sitting.] I want to do—I want—Tell Top all's well that ends well ; and all that is well, is well. You tell them I'll prove it to them yet. Hurry !

Who's Penkie—Perkie—Pinkins—Perkins ? [Mr. D's chum.] I couldn't get that name. But it is he I want.

(Mrs. T : Is he all right ?) Phinuit : Well, I should laugh if he wasn't ! Tell them I am level headed yet. [Common saying of Perkins's friend who died recently.] It's all right. It's all right, now.

He is writing. Who is writing ? Who is writing ? Where is Top ? Here's the little one. Who's Margaret ? There are two—two Margarets. There are two Margarets. One for you [to Dr. T.] and then there's a little one. There are two Margarets. [All correct.] And there is something to do with this. [Beads again.]

Margaret had this—owned this. I got that as a plaything. She says you gave that to her to play with. Well, take that away. [Watch again.]

There is—Who's Aunt Margaret? But if I see rightly, I will hear it over again. There's a sister of somebody—Aunt! We have called Margaret. She's an aunt Margaret, if I see rightly. [Dr. T's sister Margaret, and Babies' aunt.] If you can't connect this, I can't get it for you. It is very difficult for me to get it straightened. S-A-R-A-H. [P.'s grandmother's name.] It sounded like—I don't know, I don't know. Yes! She is talking with me, but it's so indistinct! [To Dr. T.] Which one of your brothers had a sore throat? He's had a sore throat, they tell me, but it's better now, and he's gone away. He's writing. He's getting well now, and he's going to be better still. [All correct.] But he is positive! He's such a peculiar fellow. And they hardly understand him sometimes. He'll be better sometime. But wait a minute! Who's this calling me?

[To Dr. T.] This is your mother. This is her watch. She says, "Tell W—[Dr. T's. father] that the baby is all right." [Mother died in premature childbirth, but father was also dead at the time of the sitting.] [But Dr. Thaw's then living brother was also named W—. See below.—R.H.] I don't know what that means.

(Dr. T. : Will she say anything more to me?) Phinuit : It seems to me she was unconscious. She loses herself. But I tell you she's been here a long time. [Twenty-nine years.] And it bothers her to recall. I think she'll recall it all right.

But I wish you would tell me who A—A—Wait a minute! A—I—Alfred—Al—Elf—I tried to get that for you, but I can't—Alfred. Will you understand that, if you can? Wait a minute! He's connected with you. [Dr. T. had brother Albert.] And I got the name. Florence—Florry. [Mrs. T.'s name.] Who is—She doesn't seem to know quite who that was—(Mrs. T. : That's I.) Phinuit : Why don't you tell her so? Tell her! Talk to her and make her recollect. What can she say—She has sometimes lost consciousness. She's very well indeed. But you must tell her! Explain to her! But it's hard for her to recall. But you are married since she passed out of the body. And there are three children. [Correct.]

(Dr. T. : Are they with her? Does she know about my father?)

Phinuit : W—. Who is W—? W—, that's a brother! [Correct.] Brother W—. [Correct.] Well! There are two W—'s. There are W— and W—, a father W— and a son W— you see? [All correct. Name of father and son, with diminutive for son correctly given.]

I have a— of that for you.

(Dr. T. : How about father?) Phinuit : I get his influence too. I get your father's influence, not very strongly. It is weak. And he is weak. Do you know what I mean? [Turning to Mrs. T.] Who is connected with you that is paralyzed? There's a relative of yours here, who passed out of the body, who had paralysis, and don't you forget it! I know what I am talking about! (Mrs. T. : You are right.) Phinuit : Of course I'm right. I know that you can't recognise everybody, but at the same time he is here. At the same time, he is a gentleman. [Mrs. T. saw her grandfather only once, when a child.] Wait a minute! He is a relative of yours. But he brings one that passed out with paralysis. [To Mrs. T.] And this is a relative of

yours. But also there is Ruth. She passed out.—This is your mother's mother. [Correct.] And she passed out of the body with paralysis; and don't you forget it! [All correct.]

Now wait a minute! Here is—I want you to tell who M——is — M——. [To Dr. T.]. That comes to you. And this woman sends her love to father—and this in the body. And this seems to be connected with—But let us see—[Dr. T.'s sister living.] That's all right. Here comes the baby again.

Speak to me, papa. She's with me. We're both here. (Dr. T. : Can you talk?) Can I talk? Can I talk? This is the baby. This is little Margaret.

I can speak to you, but not very plain.

Phinuit : But still she speaks.

I found grandma. Other lady. Who is L——L—— E —— ? [Correct.]

[To Dr. T.] Dear boy! [E. is Dr. T.'s mother.] W——is here too.

Phinuit : Friends, you know I am getting too—will you tell me what I shall say to him?

I can't say good-bye to you, for I'll be with you just the same. Tell my son I love him well.

E. : Ask him if he doesn't love me.

Phinuit : She says to them—

E. : I have been here for many a long year. I love you, and my interests are always with my children. I cannot stay here. I am weak yet. I will talk with you better next time. Shall I speak to you before you go?

(Dr. T. : Are you all happy there?)

E. : I am very happy. Oh, if you will only believe there is no death! I live and love you. Don't let these little things worry you. It grieves me. Will you cherish me in your memory as you always did, and think of me as I am? Watching over you. [To Mrs. T.] This dear little woman. [Placing hands on heads of Dr. and Mrs. T.] Who is L——? I don't know. I only love you. I will stay with you.

R. : Speak to me. Tell Betty I love her.

(Mrs. T. : How does Margaret look?)

Phinuit : The dear little thing—dear little thing. There, pat her, and papa, we love.

M. : He used to take me on his arm. I see him. He can take me no more in the body, but in the spirit, if he will. You have carried me, you have seen me. You will see me again. Truly, truly, truly!

(Mrs. T. : What can we do to see you?)

Mamma, dear! Mamma, dear! We'll be with you. Do nothing. Be patient. When your pillow is wet, I cannot rest. When you are cheerful, I am happy. Don't cry.—In the body. Dry away those tears, and don't fret. That's all right.

Phinuit : Friends, I am growing weak, and I've got to go. Au revoir. Au revoir. [A sentence of French here.] Now I want to say “good-bye.”

Third Sitting. March 12th, 1892.

[Dr. and Mrs. Thaw sitting. Mr. A. Dow writing shorthand.]

Phinuit : Come here. I'm here. Now let me speak to you. My name's Dr. Phinuit. I'll speak to you; glad to see you. How are you? Oh, I know

you, friends! I'm so glad to see you again. You know me, don't you? Well, I'm not far away, after all. There's only a little distance between. [To Dr. T.] I've seen your mother. You remember her not very well, if at all. She says that when you left her you were a little fellow, and since then have made many changes in your life—you see your mother tells me so. She left your father. She left him in the body, you understand. Come here! [Putting Dr. and Mrs. T.'s heads together.] Well, well! I like to see you two together. You speak to this lady here—she comes.

(Dr. T. : Is my mother here ?)

Phinuit : Give me her influence. She's gone and brought the baby. She says she is a bright little thing, the little one who went to find her, little Margery, and she's here too, and she's very glad to see you. She says she's very glad you have made your life what it is. Let me tell you a word. You know spirits can see ahead—she says there's still a brighter prospect, and you've a long life in the body. She wanted me to tell you that, and she wanted me to send her love to your father.

(Dr. T. : How about father ?)

Phinuit : Your father passed out after she did. She passed out first—she doesn't know how many years ago. She wants to tell you she is with me, and there are two little children with them ; also, there is a little brother—a little one in the spirit—another in the spirit—in the spirit. There is one that passed out years ago. I think that was before you came, who passed out before you came in the body [correct], and there are with you also others. You can speak to them. This will help me to straighten this out.

(Dr. T. : Can I speak to them ?)

Phinuit : I told you about them. I told you about them once before, but I got a little mixed. There is a Betty in the body. You speak to them. You do not know them, of course, you were not born then. But you understand.

(Dr. T. : What is father doing ?)

Phinuit : Your father remembers you better than your mother. But where's your aunt that had some care of you ?

(Dr. T. : An aunt ?)

Phinuit : An aunt—years ago, that passed out of the body.

(Dr. T. : Does her name come ?)

Phinuit : You had an aunt that was kind to you. [Correct.]

Phinuit [to D.] : But I've seen your influence before—but I don't know. But I've told you about what the babies said about you. Said about their uncle. The baby told me about it. Sent her love to her uncle—her uncle Allen—Alfred—It's something like that. [Wrong. Name comes later.] I tried to tell you, but you know the baby told me—and I couldn't get it from her. But I do the best I can. There's a W——. [Correct. Father of Dr. T.]

(Dr. T. : But what does he say ?)

Phinuit : He sends his love to you, and wants to know what you are looking for. He's got a high forehead—and he comes. Do you know Cler—Clerk—C——. C——? Who is that gentleman that comes to you? High forehead. Bald on top. He wants to speak to you.

(Dr. T. : Is he in the body ?)

Phinuit : I think he is, but he's going to pass out of the body. He's a friend of yours.

(Dr. T. : Is he a young man ?)

Phinuit : No, he's not very old—but at the same time he's in the body—I don't know his age. [Correct description and name of a cousin and friend of T.'s.] Your father is here with a high forehead. You don't look much like your father. [Correct.] Your father sends love to you.

T.'s father : Well, I'm here, and E—, E—. [T.'s mother's name.]

(Dr. T. : Any other name ? Does he call her any other name ?)

Phinuit : I'll tell you as fast as I can. Here's the baby. Oh ! I'm so fond of this little one. She wants me to tell you she's not afraid of me any more. She knows I talked to **yo** in the body. You know what I mean ? I explained it to Ruthie.

(Mrs. T. : Little Ruthie !)

Phinuit : The little baby is Margaret. She is very delighted. She wants a posie—give her some posies. [Mrs. T. had brought some little flowers for the babies, at this time on the table in paper.] Posie, posie,—give one posie. [Taking flowers and separating them.] That's for the little one.

(Mrs. T. : I brought them for the little ones.)

Phinuit : That's for the little one. She wants some for the other one—just two or three. You don't know how the little one can speak now. You know she takes the spirit of these things—the spiritual thing—and the spirit part is just as real to her as your life is to you.

M. : Come to me, Mamma. (Mrs. T. : If I might see her !)

Phinuit : What a bright face ! She has grayish blue eyes—large, full and pretty. I call them blue, a grayish blue. What a very bright and pretty little mouth she has ! [Correct description of M.] She loves you both. Do you know, I can get more from the children than I can from the old ones, because there is such a strong tie between you.

Who's George in the body ? Well ! I hear something—Oh ! I thank you for the posies. She wants me to separate the posies and give some to the other baby. I will give her so many [separating flowers], and that one will have so many. Just the same for each little one.

R. : Pretty, pretty, pretty, pretty. Where's the little blue flowers ? Pretty, pretty, pretty.

Phinuit : Oh ! That's a pretty baby—Ruth—Pretty, pretty, pretty. Do you love the babies ? (Dr. T. : What do you think, Dr. ?) Phinuit : She says that. Baby, baby, babie. This little one says—Pretty, pretty, pretty, pretty, pretty.

BABY—Can you hear her speak ? Do you hear her speak ? Bettie—Bettie—Bettie—she keeps calling Bettie. Give me the little toy thing. I like that—it refreshes her. I never saw two brighter children. You know they have no more pain in the stomach.

(Dr. T. : Doctor, don't they ever suffer in the spirit body ?)

Phinuit : No more pain—no pain.

(Dr. T. : Do they grow up as we do here ?)

Phinuit : In just the same number of years, but in this world there is no time. Life goes on for ever. That is, there is no death. I tell you,

friends, just as sure as you live in the body, I lived once in the body. I lived in Germany and Paris and Marseilles. I know if those cranks weren't so stupid they could find me. [Referring to efforts on the part of the S. P. R. to find out about him.]

Well! I hear Baby, calling baby, baby, baby. [All these words—baby—pretty—Bettie—were given with just the accent Ruth gave when she was alive. *Pretty* was one of the first words, and she said it constantly about anything she liked. These were the only words, except Mamma and Papa and pussie.] Do you know she takes your hand and pats it like that [patting Mrs. T.'s hand] like that. You will see her just as sure as you live. The veil will be lifted so you can see these two little ones when you are partially dreaming. It will not be a dream. It will be real. I promise that will be your reward for bringing these little things. They realise these, just as much as you realise that you live. There is grandma taking care of them. (Dr. T. : Which grandma is that ?) Phinuit [to Dr. T.] : That's your mother. There are two mothers with them, and at the same time a grandpa.

Phinuit : Do you know who G— is? He's a relation of yours. [Correct. Name of a brother-in-law and also of a cousin.] He is here with them, and he is in the spirit. You know what I mean. He sends love to them. Love, love, love—that's all I can get. It is with the children that I see him.

Do you know who Cor— It sounds like— Speak to him— You must.

Who is Perkins? [Mr. D.'s chum.] He's all right ; a good fellow, a good fellow, but he has forty minds at once, and doesn't know which way to turn. He's going across the water.

[Pointing to Dr. and Mrs. T.'s foreheads.] I see a great big light. What is that light? What is that light here? [Pointing.] You, friends, are going to make a change in your life. It is going to be the best change you can make. The baby speaks to me. It's in a different street—a different place entirely. It's a pretty place. I see the change. I see all the little details. I see it in detail, that I can't describe. [All correct.]

Who is that lady that is with you? No, the stout lady. [Not stout.] She is very good to your little girl, and she is very faithful. You know what I mean? But she gets very cranky sometimes, but she doesn't mean anything, but she gets cranky sometimes. She is what you call . . . She has care of the little ones, and is cranky sometimes.

(Mrs. T. : Do the babies remember her?) [She was the nurse who had charge of them all their lives.]

Phinuit : The little ones, the babies in the spirit world, remember her very well.

Do you know who Jane is? Jenny—this is connected with this gentleman. [Pointing to Dr. T.] Wait a minute. This connects with this lady.

(Dr. T. : Who was she?) Phinuit [to Dr. T.] : She is connected with you. You know what I mean. It's an Aunt J— — Aunt J—. (Dr. T. : Any other name?) Phinuit : Who's M— J—? Your mother told me to tell you. [All correct. Aunt of Dr. T.'s.]

(Dr. T. : Is she happy now?) Phinuit : She remembers you when you were a little fellow. She was with you when your mother come out of the body. [Correct.]

(Mrs. T. : Can you get H—— back ?)

Phinuit : All the rest of the friends want to speak to you. But you see there's a brother G——. [Correct. Brother-in-law mentioned before.] He wants to speak to you. Don't be indifferent. Where's W——? He wants to send love to W——. [His own brother.] (Dr. T. : Who is W——?) Phinuit : Brother W—— it is. He's got a friend W——. Named W——. Two of them in the body. It is his brother W——. [All correct.]

(Dr. T. : Does he send any message to anyone else ?)

Phinuit : There's a lady in the body ; his lady [correct] and he wants to recall her. He's talking to me as fast as he can.

Ali— Who is Ellie? Who is Nellie? The baby calls that—she calls her Nellie. [Nurse spoken of before.] Nellie! That's a good memory for the little one, isn't it? Such pretty light curls! All over her head. Just as perfect a little girl as can be! Tells me she remembers you. You will see her in the new house. She wants me to go there for you. She says there is going to be a better change for you. It's going to be near the corner [correct of new house], and you will go up to the upper room, up one flight front, and in that room you will see the babies come to you. This is a kind of—what do you call it? A sitting place. You will get the babies there. You stay there some twilight evening. They will come to you. You will hear some patter, patter of the little ones, and soon you will realise they are with you. I shouldn't be surprised if you saw—

How funny your mother wears her hair! [Smoothing hair as Dr. T.'s mother always wore it.] Wears it so funny. She's the picture of modesty ; she's the most modest looking woman you ever saw !

You know that what you call death in the body is natural. You know that it is hard, particularly when those you love pass over behind the veil. But they are far more happy behind the veil than in the body. For it is God's will to take them, as they have lived. We tell you of these things, because it is right for you to know, and the instrument like the one I have here is to use to explain what we are in the spirit. But sometimes it is very hard to get the influences straight, and I tell you everything I can, and even then it is hard for every one.

* * * * *

Look on it right. Don't let it worry you and affect your health. Little woman, keep straight. Don't be too much exercised, and keep perfectly cool. You will get all you want. It will be a help to you in the body. When you meet a friend and you want them to know your experience, you can explain it to them with perfect reason. Go on with your own experience. If they do not wish to listen to you do not bother them. Your mother is guiding me every minute.

(Dr. T. : Any message ?)

Phinuit : You know Aunt M——? M—— J——? She wants to send love. Who is—who is—who is—who is All—Ell—Eil—in the body? He is connected with her. [Points to Mrs. T.] Who is that? Tell me quick. It begins with L— That's it.

(Dr. T. : A man or a woman?) Phinuit : It's a gentleman in the body, and he has a sister. [To Dr. T.] How many relatives have you got? Goodness gracious! How should I know them? They're such a lot of

them. It's a puzzle to me. You have cousins—uncles—aunts. One of them passed out of the body in the water. He went across the water and passed out. [True of Dr. T.'s father.]

(Dr. T. : Does my father come?) Phinuit : You know this gentleman? He has a beard here—the beard here. [Touching T.'s face.] You have none. He has a prominent nose. (Dr. T. : What does he do there?) Phinuit : He is reading and writing, your father is ; but that's not connected with the body. He never was so pleased with anything as with the babies.

[Reaching for A. D.] Physically you're pretty well. Look at the bottles of medicine. [In A. D.'s pocket.] Give them to me. [Bottles given.] Homœopathique—pellets. Belladonna. Can't quite tell large B—Belladonna. (No.) Bryonia—that's it. Good medicine for babies. You won't have to take medicine long. It's very good medicine—these pellets. I'd rather give you a 2 oz. iron powder ; some cinchona. You won't have to take medicine long. The more medicine the worse for you. Headache better now? Expect a headache—you will be sure to have one. [A. D. up late ; in consequence, bad headache.] How many girls have you got? One, two, three. Look out for the girls. You don't care for them, but they're after you.

Oh heavens ! What a lot there is in your life. You haven't begun yet. You write a good deal. Don't write too much. That's a funny one. [Laughs.] You're all right. You won't pass out of the body. No trouble with you. Good stomach. Good heart. Good lungs. It makes me laugh. [Laughing.]

Here's Eliza here. She comes. You can ask her any question you like.

* * * * *

Here's H——. H——. He is calling to see you. He says you are —[?] since he has passed out. Give me your handkerchief. [Places this over head. Rubs forehead and eyes and top of head for several minutes in manner peculiar to Dr. H—— during period of last illness, a period of two years.]

Phinuit : But he is here now beside me. Who's Ida? He has got an Elice—no—wait a moment. Who's E-L—Elice?

Here's H——. Hurry, he's speaking to me. He wants to ask you something about—[pause.] Who's Clark? That's some one else. H——. H——. He comes here. He wants me to take my handkerchief and put it over that way. He wants you to tell his wife in the body that he is alive in the spirit. Whose children are these? He gives his love to the children. He says they are very happy little things, and not to worry about them, because they are better off than you are. He wants you to tell this one in the body. There are two—three in the body—four and one more. That's all. That makes five. I mean them—for him—that you would know it was all—[Correct.]

(Dr. T. : What should I say?)

Phinuit : He has two with him. He has two that talk—two that talk with him. There's one speaking to him now. There's one that they have just put to lessons, and then others. He wants—wants you to send his love to them—to take a message—to tell them there is no death. Where's the

watch? You bring something belonging to him that you may get his influence—like this.

Oh, your mother has been here a long time. We can't make her refresh her memory as she could if she had been here a short time.

But who is Grace? I have a Grace here—in the spirit, I mean. She wants to be remembered to you in the body. [Mrs. T.'s half sister.]

Who's that they call Dr.? I don't know, but there's a gentleman here calling Dr. Somebody. It's H——. [Evidently to Dr. T.] I am so glad to have you come in and see me. You used to come and see me before I passed out.

I should like to know who this F—— is. He wants to speak too. [See previous sitting.]

Who's that they call Dr? Speak to those you recognise. There's a Dr. here, [H—— was called Dr.] and a Dr. in the body. (Dr. T. : I am a doctor.) Phinuit : I am glad you corrected that for me—it leaves too much for me to do. Who's speaking?

(Dr. T. : What does F—— say?) Phinuit : Hush! F—— wishes to be remembered to you. [Painter friend spoken of in first sitting] (Dr. T. : What is he doing now?) Phinuit : I told you about him before, you know. Who's Carrie? [The most intimate friend of Mrs. T.'s mother was called Carrie. Named as Caroline in later sitting. She knew Mrs. T. well when a child.] B-e-a-t-r-i-c-e. They call Bettie—Bettie.

(Dr. T. : But who is she?)

Phinuit : She's a sister in the body. You will correct that for me. She is going to stay in the body. That ought to please you when I say that so clear. But here's—well, wait a minute—Annie—Annie—no, Anna Eliza. That's the name. Comes. Anna Eliza. That's the mother, Eliza. Anna Eliza. I hear it. [Mrs. T.'s dead aunt. She was called Aunt Eliza, and it was unknown to us at the time that she had a first name Anna.]

That's not H——. There's his sister somebody. Who is that they call Lizzie—that's with H——, not with you? [Unknown.] There are two we have named—Anna Eliza—because with this watch I get these names mixed up. Marie Jane and Eliza. [A careful distinction made between these names.] S-u-s—I don't know who that is—I can't get it. You speak to them and ask them what you like.

(Dr. T. : Who's speaking now?) Phinuit : Your mother is here now.

(Dr. T. : Does she want to send a message to any one else?) Phinuit : Which one of your brothers is that who is kind of funny? (Dr. T. : Perhaps two.)

* * * * *

Don't try to mix me up. You talk straight. You ask questions, and I answer them. Two sisters. There are two sisters.

* * * * *

Don't hurry me. I have to hear and then tell it to you. You're a good fellow, but you mustn't hurry me. Well, you talk to her. Which one of them is it that draws? [To Mrs. T.] It's you. You draw or paint or something. But there's one that plays—that's very musical. Yes, this sister plays, she's very musical—has taste for music. [True of both sisters of Mrs. T.] [To A. D.] Oh pshaw! The dickens take you! I can't get

your name. A-l-e— [To Mrs. A. B. T.] You had two mothers. You had a grandna named Ruth. She's a nice lady, and there's another named— wait a minute—A—Well, I hear someone calling Fannie. [Unknown.] It's got two e's—B-e—How do you pronounce it? B-e-s-s-i-e I caught that. [Mrs. T.'s father's first wife's name was Elizabeth.] She's trying to tell me about someone that's in the body.

(Mrs. T. : How about my father and mother ?)

Phinuit : Your father is going to live a good while yet. He has rheumatism. (Dr. T. : Oh, that's a good guess!) Phinuit : Oh, he has rheumatism, I can tell you. (Mrs. T. : What are their names?) Phinuit : I don't know their names at all—but I'll tell you who I hear speaking to you. (Dr. T. : Who?) Phinuit : I'd like to know who that A—— is. You say you can't place her. You don't see who she is. A——. I hear your mother say that you know. [Dr. T.'s aunt living.] Such an awful lot of relations ! How do you expect me to remember them all ?

(Dr. T. : Will my brother say anything to me ?)

Phinuit : I told you about your father W——. I told you about your brother W——. [Using the diminutive.] I told you about your aunt. I told you about your sister M——, and I told you about L—L—L—who is she? (Dr. T. : She's a sister of mine.) Phinuit : Well, it is L——. Wait a moment. I know what her name is perfectly, but the last part I can't get.

(Dr. T. : She's connected with some one in the spirit ?)

Phinuit : They tell me I am smart enough to hear this all right. [Dr. T. offers suggestion.] I don't want any of your help, Ellen. [To A. D.] What the dickens is your name? A-l—[Laughs.] (Dr. T. : What is it?) Phinuit : I know. I know what it is. [Laughs.] (Dr. T. : Well, tell us what it is.) Phinuit : Oh, no. I know what it is just the same. (Dr. T. : Tell us.) Phinuit : Well, it's a great long name, and it ends with e-r. (Dr. T. : Good guess, Doctor!) Phinuit : Oh, I am guessing, am I? What a good fellow I am to guess! [Spells.] A-l-e-x-a-n-d-e-r. How do you like that? You can call that what you like. You can give it a name. Do you know, if it hadn't been for your little girl I never should have found it out. The little curly headed one. She tried to spell it for me but couldn't. She told your sister [pointing to Mrs. T.], and she asked this lady—the lady the little one went to find—[Dr. T.'s mother in first sitting], and she tells her, and then she came and spelled it for me. Grace is with your little ones, and she makes me put your hand up there so—and she wants to be remembered to her papa in the body. [All true.] Who's L——? [Spelling diminutive.] Your mother just called that to me. She comes closer—closer. She wants you to tell I-d-a—it sounds like that—I-d-a. Oh! L——! [Dr. T.'s sister's usual name.]

* * * * *

[To A. D.] I think your arm aches.

(Mrs. T. : Does Gracie send her love to anyone ?)

Phinuit : To you. She's the one I spoke to you about.

(Mrs. T. : Whom does she send her love to?)

Phinuit : To the one that has the rheumatism. In fact both of them have the rheumatism. [Correct.] Who's that with one—two—three—four

letters—who's F——? This is a cousin. Connected with—who? With you. [To Dr. T.] Cousin F——. [Dr. T.'s cousin.] Yes, cousin F—— has gone away. He has got a sister, and she's all right. Hear that? Tell them I say it. Will you? They're speaking to me now. He has got a sister in the body. F——'s got a sister, and F——'s there too. [All correct.]

(Dr. T. : Who's speaking?)

Phinuit : That's F——'s brother—brother. Wait a minute. He has a brother in the body, too. [Wrong.] I don't know who—I can't correct this for you. Who's Eliza, connected with F——? [Aunt.] Wants to send her love to F—— here. You know Marie? (Dr. T. : I know her.) Phinuit : Marie says tell L—— what she says. (Dr. T. : Who sends this?) Phinuit [loudly] : Your mother. I told you all this. Here come the babies again. There are two others of your relatives here, too. I'll tell you just as well as I can. But here comes the little one. She makes me put her hand on your hand. This is the youngest of the little ones, and she wants to speak to you. And I want to tell you, you will see the babies in your new house. They will be there, and then you will recognise them. They are in the spirit, but you will see them. They know it. You will hear the little patter, patter, patter. Don't be afraid. Ask for it and you will have it, just as sure as you live.

* * * * *

Fourth Sitting. March 18th, 1892.

[Mr. Perkins sitting. Mr. A. Dow writing. Mrs. Thaw in back part of room.]

Phinuit : My name's Phinuit. [Feels Mr. D.'s head.] Oh, Alex! how are you? I'm glad to see you. [Feeling Mr. P.'s head.] Well, George! Well, you little rascal, George! George, you have called to see me. George! George! Perkins! Oh, I'm so glad to see you. How are you? How are you, George? You've no throat trouble—not a hang bit. You're not going to pass out with consumption; who said so? That makes me laugh. Speak to me; don't be afraid. Where's—where's the doctor?

(Mrs. T. : He couldn't be here to-day).

Phinuit : George, I'm glad to see you. I have seen you in the distance a long time. You know what I mean, don't you? You're not ill, are you? (George : No).

You're a pretty good fellow, take you all together. A good, square, upright, honest fellow; mean well, but there's lots of fun in you down at the bottom, but you're kind of serious.

Well, how are you, friends? I see a brother. [Wrong.] Don't be afraid to talk to me. Who is that lady? [Points to Mrs. T. on sofa.] Oh, you dear little woman. I have some friends that want to speak to you in a minute. [To George.] You have some friends, too. Do you know that I get the influence of your mother, George? That is the influence of something belonging to her, that you can give me. [Mr. P. takes out of pocket chain belonging to mother, and hands it to Phinuit.] I mean the influence of your mother. [Insists on keeping cotton which is around chain as well as chain.]

Phinuit to Mr. D. : Aleck, you pay more attention to me and stop your writing. [To Mr. P.] This is your mother's; you know what I mean? [Correct.] But you know I get this spiritually. You know what I mean, don't you? You want to speak to her. (Mr. P. : Yes).

Phinuit : Don't be afraid to speak. This spirit who comes to call me is your mother.

[To Mr. D.] Alex.

(Mr. P. : What hour was I born?)

Phinuit [counting] : Un, deux, trois, quatre [up to ten]. Oh, you were born at two o'clock. We begin at one, that's dark; then two. [After some confusion, not understanding whether night or day, decides at two at night.]

(Mr. P. : Father thought it was eleven.)

Phinuit : Your mother tells me you were born at two, and she was there then and ought to know. If your father says you were born at eleven he makes a mistake, that's all there is about it.

Marie. Marie. [Mr. P.'s mother's name, Mary Etta.] Elmaly, Emily—How do you pronounce that, Alex? Emily, that's an aunt; you recall that, George? [Not known.] I don't know, but I get this. You know she's been in the spirit a long time. Then you know her, but don't remember much about her, do you? I tell you, you were a little fellow, you were a little fellow when she passed out. A trouble in the heart. What was it? You know what cancers are. She had an inflammation in her— [Placing hand on lower part of chest and abdomen]— had an inflammation; that is it—looks red. She did not pass out with the cancer. She puts her hand here. She had inflammation here. What do you call it?

Here's little Ruthie. Here's little Ruthie. [Mrs. T. goes to Phinuit.] "I can't stay away any longer. I've come to speak to you. I want mamma. Mamma. Do let me speak. I have the baby now. I want to see you, mamma. I am not dead—don't cry—I'm all right—all right."

(Mrs. T. : Dear Ruthie! Wait a minute longer.)

Phinuit : She can't wait any longer. [To Mr. P.] There's an influence here with your mother. There's a child with her that comes with her, in the spirit that has passed out of the body—a sister. [Correct.]

Who's John, in the body? You speak to him. He's connected with you in the body; he's kind of cranky; all rattle headed, you understand. It's smoking. He's always at it; he never does anything else. [True of friend of Mr. D.'s and Mr. P.'s named John.] He's a good fellow; he's a good fellow, but he's a little too full of fun, and erratic, and carries on like a good one when he gets a chance. I mean to say no evil of him, you know. He's going away, John is; tell him I say so; tell him anything you like.

[To Mr. P.] You have no heart trouble. You have no stomach trouble. But you catch cold mighty easy. [True.]

(Mr. P. : Does my mother send any message?)

Phinuit : I don't get your father here. Your father is in the body. [True.]

(Mr. P. : How is he?)

Phinuit : He's got a trouble with him right through here. [Places hand over kidneys.] Right through the back and kidneys; he has kidney trouble, has had it for some time. Well, it's a weakness, an inactive state, and then

he has a little dyspepsia, and it troubles him quite a little sometimes. He has indigestion; the blood is a little impure, the stomach being a little out of order—his digestion not proper, and on account of that he doesn't sleep as well as he ought to. [All correct.]

But he has no heart trouble. He thinks there is something the matter there, but there isn't. Did you ever hear him say he had heart trouble? (Mr. P. : No.) Well, he said so, whether you heard him or not. [All this not known to any one present, but verified afterwards. Mr. P.'s father had never mentioned it, even to his doctor.]

Phinuit : Wait a minute, where's Sis— That little girl is here with her. She'll be back in a minute. That is, there's a sister and a mother both here. [Correct.] Now, I'll talk to them and tell you about them.

This is very peculiar. I get the sister and the mother both with this. Do you know, they both wore this? You know what I mean. Both recognise this; it's connected with them. [Mr. P.'s sister died when he was a small child, and he did not know she wore the chain. Verified afterwards.]

[Mr. P. gives badge.] Does this bring any one? Phinuit : [Evidently still referring to chain.] Oh! this brings another lady. Look here! Who's Ettie? Ellie? Ellie? Ellie has a sister in the spirit. Who's Mary? [Mother's name, Mary Etta.] Talk to me. There has been a change in your home since that. But who is it they call Aunt Mary? (Mr. P. : My aunt.) Phinuit : Why the dickens didn't you say so? Mary's her name. Well, that's all right. Aunt Mary. Who's calling for her? That's the mother calling for her, your mother. She's your mother's sister. Your mother's sister-in-law. [Correct.] (Mr. P. : That's right.) Phinuit : I think I know what I'm talking about. I know as fast as they tell me.

[Mr. P. hands a fraternity badge belonging to Alfred Howell. The other boys who came on it were friends and members of the same fraternity.]

Phinuit : Do you know there's a young man connected with this? He had a cough. Do you recognise that? Tell me who Arthur is. [Nothing known.] (Mr. P. : I don't know who Arthur is.) He had something to do with this Arthur. As true as you live. There's another spirit named Frank. [Not known.] These are cousins of this gentleman on whose influence this is.

(Mr. P. : Are they in the body?) Phinuit : One of them is living in the material world, and the other in the spiritual. (Mr. P. : Does this bring any one else?) Phinuit : This brought the strongest of the two. [To Mr. P.] I don't think this belongs to you. But there's a young lady and also a gentleman comes with this; you see what I mean, and perhaps you will recognise one of them. There's a young lady who passed out of the body and died some years ago; I think fell from a horse; had a fall. Well, well, you find out about it. This is not a relative of yours, it is a friend. I get the influence all right from this.

Who's Louise—Liz—Lizabeth—Liz? I don't know if I spell this right, but it's Elizabeth and Annie. These connected with this young man. [Unverified.] Just as soon as I can speak to him I will. He's in the spirit. He says something about Bawldin—Baldwin. I don't know how you pronounce it. You know who he is? Well, he sends love to you, and says

that you kind of misunderstood him, and it was too bad. You can make it all right now. And he says "Tell George he is a good fellow, but he didn't understand me; you must say so." [Mr. P. and friend B. had misunderstanding for several months before B's death.]

I tell you what they say, but I don't know whether it's right or not.

Who's Orton? Arthur? It's some friend in the body. Do you know the fellow? He has a swagger—he has red hair.

Who's Oliver? [Unverified.] I don't know him—wait a minute. I don't know, but there's some one calling, who speaks in a whisper. George will tell you something. [This friend's name, George Baldwin.] (Mr. P. : Well, I'll listen.) Phinuit: Ask Fred. He's there with you; tell him I'm all right. [Verified afterwards. Fred, an intimate friend of G. B.] It was a cough that took me off, consumption, for I passed out with it [True] and you fellows were good to me, but you never quite understood me; you never did, quite. I was in the school with you. Not in the same school, but taught in the school, so you would know who's talking to you. [G. B. taught in preparatory department of same school.] You know this is characteristic of me. It's not long since I came here. I'm so glad to see you. Look here! I want to talk to you. I tell you there's only a veil between us.

There's a good time for you boys, there's a good time for you. I don't see you come here for a long time. I hope one of you will drop round and see me sometimes. I didn't think I was coming here—but woke up. I choked at first, but I'm better now. You wouldn't go to sleep if you had seen me when I first waked up. I didn't think I was going to wake up like this. You haven't got all your wits about you yet, and so you don't recognise your friends. I'll be with you; I'll help you out in all your little difficulties. I'll be with you. I mean well.

(Mr. P. : Will you tell me about them? There's one that passed out after you did.)

Phinuit: This one talks in a whisper to me. Good fellow, means well. What a funny nose he has. He looks as if his nose turned up a little. You know what I mean. [Correct.]

Who's Charlie? Wait a minute—A-N-D-R-A—There's a fellow with him in the body that he's calling for—Chester—something like Blown. I'll try again. [Not able to verify many names.]

Baldwin has been here. Here's another fellow. Now he belongs to this, this fellow; let me look. He's in the body; he's writing.

There's a Harry connected with this. Will you tell them one of his cousins passed out with stomach trouble? And also there is one who passed out with typhoid fever. [True of owner of badge, A. Howell.] There's a brother. He's got a brother in the body. He sends love to his brother. [A. H. has a living brother.] He knows this influence and he's coming, just as fast as he can. He'll be here so I can talk intelligently in a minute, but he does speak so indistinctly—and the—of what I have here—wait a minute—I think—I get him here to me. [Long pause.]

Uncle Willie. I wonder if he belongs to you. Uncle Will—William, he's in the body, and I think he's an uncle of yours—because they tell me so—they will call the name Uncle. [Correct.] I am sure if he had taken better care of things, been more provident, he would have been in a better position.

I don't tell you what they don't tell me. How many Georges have you? Here is one in the body and one in the spirit. [True.]

[Spelling name of Dr. H——.]

[Mrs. T. goes to Phinuit] Tell them the children are all right. I want to speak—It's a great temptation to resist. I will be——[The full name of friend called H——. Dr. H——.]

Phinuit: What does that mean? Bro — Bron — Burrie — That's not right. F. D-V-A-L—Where's the fellow that's calling that? A-N-D-R-E—Andre. He calls it Andre. I was uncertain—I could not get the rest of it. [Name of another friend in fraternity, recently dead; Andre de Valliere.]

(Mr. P. : How is he?) Phinuit: He's O. K. he says. What does that mean, O. K.?

(Mr. P. : That means he's all right, very well.)

Phinuit [for Andre]: But I tell you I'm not alone. I'm here. I'm alive and well. I was never so glad to see any one as to see you. [To Mr. P. and A. D.] How heavy you are! But I see I have taken off the material body and you have yours on. Speak to me.

Phinuit: He wants you to speak to him. He says he's very light.

Phinuit [for Andre]: This is news to me. I didn't know we could communicate like this. I didn't know I should have a chance to speak to you so soon. How is mother?

(Mr. P. : Any message for her?)

Phinuit [for Andre]: Tell mother to put my check suit in the closet, and not to give it away; I liked it very well. [Unable to ascertain.—R.H.]

(Mr. P. : Does this bring anyone else?)

Phinuit: He's here, will be here presently, but this one who is speaking to me; he wants to know where you got that. [Pointing to G.'s embryo moustache]. Never mind, it will grow. You look a little different.

(Mr. P. : Only a very little, I am afraid.)

Phinuit [for Andre]: Well! It's a pleasure to see you. Where's the book?

(Mr. P. : Can't you get Stump for me?) [See below.—R. H.]

Phinuit: There are so many fellows around me.

(A., referring to Andre: Did he take cold?)

Phinuit: Sort of influenza, not a cold. Had chills.

Who's Ellice?—What they call the little sister? He's gone away, and here comes another one; he called a fellow with dark hair, dark eyes, high forehead, and small dark moustache—and a kind of little colour in his cheeks—a good-looking fellow, and he's coming trotting along with a smile. [Exact description of A. Howell.] I'll see who this is. He says this is his pin. [The fraternity badge mentioned above as having belonged to Alfred Howell, known to some of his intimates as Stump.—R. H.]

Phinuit [for A. Howell]: "This is my pin; where did you get it? Tell father that I don't want him to worry about me, and I want him to think I live."

Phinuit: Wait a minute—give me that—who's George?

(Mr. P. : I'm George.)

Phinuit: Well, he's calling George. Who's Hen—Alfred [Correct.] wants that. [Phinuit making motions with hand for something, after some

delay writes the following with pencil given him, first at distance, then with book placed on top of head, exclaiming during middle of writing : "He's taken away my hand and won't give it to me !"]

[Writing follows.]

Alfred Howel. A. Hall. I am not dead. Alfred Hall. Howard—Hello George ! Don't think of me as dead. I am old Stump. Alfred Howall. Come and see me often. Tell father to go to the Lodge, and I will go with him. I'm so glad to see you fellows ! You know me now, don't you ? Where's my photo ? Keep it, it looks just like me.

[Mrs. T. in great anxiety to get Mr. P. to go away, as forty minutes had already gone. Mr. P. was unable to unclasp medium's hand. Then he said, "Well, good-bye, Howell. Now this little lady is Alex's sister, and she wants to speak to some of her friends. You help her to get them." Medium's hand gradually relaxed while this speech was going on.]

(Mrs. T. : I am so afraid you will be getting weak and have to leave, Dr. Phinuit.)

Phinuit : Don't hurry him, I'm not weak. I'm not going away. [Laughs.]

[Mrs. Thaw sitting.]

Phinuit : Here's Ruthie. [Phinuit talks for Ruthie.—R. H.]

R's small voice : Mamma. Mamma. I'm here. I send love to you and Bettie. Bettie. Dear Bettie. I want Bettie. Tell Bettie I love Bettie. I want Bettie. I love Bettie. Margery's all right. Take me, mamma. Take me, mamma. I sit on your knee. Where's papa ? I send love. Tell papa I love papa. Grandma is all right.

Phinuit : There she is, standing by Aleck. See !

R. : But I want posie. I want posie. I want posie, posie, posie. Pretty posie. Pretty posie. [Always with accent on last syllable, exactly like child.]

(Mrs. T. : I couldn't get any to-day.)

R. : Don't cry for me, mamma. I want a posie. I have no posie. I got six posies. I gave three to Margery and I kept three. I want Bettie. Bettie, dear Bettie. Dear Bettie has got a cold. She's getting better. [Correct.]

Phinuit : Here's this little girl talks just as if she were alive.

R. : I want to hear the tick-tick, Uncle Aleck. Give me the tick-tick, Uncle Aleck. [Mr. D. holds watch to medium's ear.] [Mr. D. used to hold watch to R.'s ear much more than any one else.] I hear the tick-tick. I can't hold it, it's heavy. You hold it. It's too heavy for me. I want to pat Bettie. Love to Nellie. Nellie is a good girl. She was so very good to me. So good to me. So don't be afraid, mamma, she takes good care of Bettie, dear little Bettie. I see Bettie asleep. I see Bettie asleep. Don't worry about me. I'm all right. Nellie sings to me sometimes. I'm happy now. I've got a big girl, Gracie. [Half-sister of Mrs. T. who died many years ago.] Gracie looks out for me. She's very kind to me. Tell Nellie the little one sends me to tell Nellie that it's all right, that she's all right.

Phinuit : Your mother's not feeling well, but she has rheumatism. True.] [Mrs. T. hands Phinuit a glove belonging to her mother.]

This is mother's influence. Mother's going to be all right. She's not well. She's not well. She's poorly. She—I'll tell you about this. She's got—[Working with glove fingers.] This is a weak influence. This is your mother's influence in the body, and she's not well, you know. She's got a trouble with her stomach, with her head. She has headache a little. There's something wrong with her liver. She's got rheumatism a little, too. Something in her blood. She ought to get it out. [True.] Her mother wants to send love to her. Who's Ruth, grandmother? Ruth, grandmother wants to send her love to her, and tells her to take a good deal of fresh air. Her father is here with her. But you know there's a little trouble with your mother's hand. [Feeling Mrs. T.'s hand. Lets go Mrs. T.'s right hand, and takes hold of forefinger of her left hand, and rubs all around joint and nail.] Her father tells me she's had great trouble with her hand here. Right on that finger of that hand; yes, right there. And it's a swelling round here. Inflammation. A sort of felon. From a sliver he's got there. And it has an inflammation all around that nail. [All this about Mrs. T.'s mother, right in every particular.]

Her father sends his love to her. (Mrs. T. : Can you give his name?) Phinuit : I told you about him before. (Mrs. T. : Can he send his name?)

Phinuit : He was here when the fellow was here. I called it to you, but I told you it was a little mixed. I'll talk to you—Ruth it here too—Little Ruth and big Ruth, and Margery, and there's aunt Anna, and do you remember this aunt Eliza? Ah! You know who this is! [Mrs. T.'s aunt Ann Eliza.] Well, there's aunt Mary Jane.

You tell Dr. Thaw that L—— is all right, and she's got to come to it, and that's what's the matter. I never saw such a lot of people. It's too bad about mother's finger. There are forty-two Alecks in that country. [Probably refers to sittings in England.]

Here's H——. Here's H——. He wants to send his love to the doctor, and to tell him he's all right.

Who's Henry? James, he's here now and wants to send his love to her—James—[Mrs. T.'s grandfather.] Henry is a friend of Dr. H——. [We knew that a Mr. French, deceased, had been an intimate friend of Dr. H., but we were unaware of his first name, which proved to be Henry.]

H. : How are they all at home? (Mrs. T. : Pretty well.) H. : Do they know of this? (Mrs. T. : Yes, I told them and they are very glad.)

H. : Well, you tell them I am not dead, and I wish they were as well off as I am. This is only one of the first signs of what is coming to the whole world—of what is opening to you, and I tell you I have seen your little children, and they are well and happy. All these things are natural, and you have to expect them as natural, as natural consequences, so what's the use of making a fuss and kicking up a broil over nothing? Just pass out of the body and it's all right. Who's this George? I think I've seen him in the distance. I don't quite recollect him. But perhaps you will remember me to him. [H. had seen George Perkins only once since he knew him in boyhood.]

Phinuit : You know Ellen, Helen. [Not recognised.] I think this is connected with him, with that other fellow.

(Mrs. T. : Does he remember what Mr. French said when he was dying, and does he see him ?) [This was a test question asked on behalf of Mrs. H. The answer was unknown to us.]

H. : I see him, of course. He said, "Some things are very bitter ; I'll come to you if I can." [Unknown.]

(Mrs. T. : Can you tell me what he believed about these things ?)

H. : He was a little mixed, but he believed that he should exist. And he exists just as he thought he would, and tells me to tell you so. [This is the correct answer to Mrs. Dr. H.'s test question.]

Phinuit : Here's James, an elderly, gentleman comes. [Mrs. T.'s mother's father.] Phinuit, for J. : Tell your mother that I am all right, and I wish she would tie up her fingers and take care of her toes, and they'll get well. [Very characteristic of James.] I am here to send love to her.

Phinuit : The babies are here. Tell mamma about the pictures of little Margery.

(Mrs. T. : No, the picture is of little Ruth.)

Phinuit : A picture of little Ruth, and a picture of little Margery. It was hardly finished. Ruthie's was begun, but it was not finished. It is finished now, and it looks very pretty. Looks as if she could speak. She wants you to make one of the little one. There is one—what you call a photograph. [All true.]

(Mrs. T. : Will she come to me so I can get it like her ?)

Phinuit : Well, she wants you to copy that, and then she'll come, and you'll get a picture, and she'll look exactly as if you had drawn her in the body. [Mrs. T. gives a pin, about which we knew no more than that it was given to us to test Phinuit with by a cousin. The pin was very small. Phinuit muttered a good deal of French, repeating, "Petite, petite, petite," several times.] Well, there's a young girl connected with this in the body, that's got sandy hair. She's got a mother in the spirit. She's been, or going, across the water. That belonged to a gentleman and then to a lady. There's somebody named Will connected with it. I don't get the intelligence of any spirit ; if I did I could get it straighter for you. Oliver, Arline—[a cousin's name] somebody, but I can't get that. I don't know about it. This was given to a lady by a gentleman. It's a young man, you know what I mean. They are both in the body, and he has a mother in the spirit. Then she also had a friend named Lucy. [Pin was given to Arline by a gentleman, H. L., who received it from his father William. H. L.'s sister has sandy hair. Their mother is dead. Lucy unknown.]

[Mrs. T. gives mother's glove again.] Your mother and father both have rheumatism. You must look after them. They are going to take a trip that will be very beneficial to them. She's nearer to you [pointing to Mr. D., then to Mrs. T.] I can't make out which one she's more with, but she's nearer one of you.

(Mrs. T. : She's living with me now.)

Phinuit : Oh, you live in one home, but I see the other in another home, and she lives with you [pointing to Mrs. T.] [Pointing to Mr. D.] She's very fond of you.

(Mrs. T. : Yes, he's better than I am.)

Phinuit : What nonsense, he isn't better than you, don't be jealous.

(Mrs. T. : I'm not jealous.)

Phinuit [rubbing Mrs. T.'s head] : No, and you are not going to begin in your old age, are you? You be a good girl. You'll be all right if you don't read lying down. If you'll only read when you're standing up you'll keep all right. Your sister is not your sister but a half-sister. [Correct.] Your father had two wives. [Correct.] Well, that's mighty funny. I told you her name a long time ago, but you wouldn't recognise it. [Name Elizabeth. Phinuit gave Bessie.] You were not quite right. You speak to her and tell her you are sorry. Why didn't you recognise her?

Phinuit for E. : You tell your father Gracie—Gracie is all right. (Mrs. T. referring to E. : What did my father use to call her?) Phinuit : She's laughing and says he knows, ask him. She wants to send her love to him.

Who's Nana? That's another name for Nellie. Well, you tell Nana she's all right. [Nana was a pet name of Bettie's for Nellie. Ruth made attempts to say it before her last illness.]

(Mrs. T. : What about Father's business?) [Phinuit immediately makes motions as of playing on piano keys. Mrs. T.'s father's invention, a type-setter, with keys like a piano.] Phinuit : It has keys. Keys with letters on them. [Correct.]

[Mr. D. takes Mrs. T.'s place.] Oh, it's such a funny thing. Did he invent them? Well, he's a great man. There's going to be a spring addition that's going to be very useful, and after a few months of dulness it will be all right. You are going to change the surroundings. [True.] And that will be much better. He's going to sell some of these things. What does he want to do with them? Wants to rent them. [Correct.] It's been a long pull and a hard pull, but he's going to rise out of this like a fish jumping out of water. Add the spring part, and it will be good. All this long pull and dull time was for the best. [Long struggle to get the thing started.] You're going across the water. A William is in the surroundings. Who's L-o-w-r-e-n-z-e—who's L-o-r-e-n-z-e? (Mr. D. says : "Lorenzo"). [Lorenzo Dow, living, the father of Mr. A. D.—R. H.]

Phinuit : That's what we call it in our language. He's coming out all right from the word go. A long struggle. But he's coming out all right. Be a little patient. A William is coming into the surroundings, and then it will be all right. You're going across the water. It is going to be a great thing. Get the patterns all right. [Mr. P. and Mr. D. were making drawings of the machines, called "patterns" by them.] It will be dark a few months; afterwards all right.

George Perkins. Do you know how I got his name first. One of his friends whispered me his name. George is a good fellow. Honest fellow. George is true blue. Don't tell that to him; he might get conceited.

(Mr. D. : I don't believe he'll get conceited.)

Phinuit : Well, I'm only in fun.

[Mrs. T. takes Phinuit's hand.] (Are we going to do any good in our work?)

Phinuit : You are going to make a change. Who's Emily? You're going to change your life. I'll be there. [Mrs. T. found on getting home that the Christian name of principal of the school they were starting was Emma. This we had never heard or seen, as the lady was not known personally

to Mrs. T., and her acceptance of the position was not received by us until after the sitting.] You are getting on with it. I might say you're just beginning with it, but it's going to be splendid. It has to do with the mind. [Feeling Mrs. T.'s eyes.] The physical being of those who can't see. To benefit the blind, the ignorant. I don't mean the eyesight. [Dr. and Mrs. T. starting free primary school and kindergarten.] Margery will be there.

Mamma, mamma, I love you. Don't cry. Ruthie will be there.

(Mrs. T. to children : Do you sleep there ?)

Ruthie : I sleep, I wake, I play. I wake, I sleep, I play.

(Mrs. T. : Won't they knock for me again ?)

R. : I'll go on Bettie's bed and tap, tap, tap for you. Don't cry. I live. I am here. Tell mamma I am here. Pat papa for me. Posie—posie—posie.

Phinuit : Speak to me, friends, I'm getting weak. Speak to me, I can't hear you. (Mrs. T. : Good-bye, Dr. Phinuit.) Phinuit [in a weak voice] : Speak louder, friends, I'm going.

Fifth Sitting. May 8th, 1892.

[Dr. and Mrs. Thaw present during first part of sitting; Mr. A. D. reporting at short distance. Mrs. Dow (Sabrina), mother of Mrs. T., in next room.]

* * * * *

Phinuit [after some conversation with Dr. and Mrs. T. about the children, &c.] You know Elizabeth ? She has gone around that way.

(Mrs. T. : Does she want any one ?)

Phinuit : Wait a minute. Where the dickens is she going to ? She has got Gracie and is here again. Sabine. Sabine. Sabine. Sabine.

(Mrs. T. : What does she want with Sabine ?)

Phinuit : James. James. Yes, that right. James ; you go away, Dr. She's talking to him. Who is that ? She wants me to go and find her. She wants you to go and find Sabrina. Sabrina is the name. Sabrina. My [?] father wants Sabrina. I don't know what that means. Sabrina is the name.

[Mrs. Dow here enters.] Phinuit : Come here. [Continues as if James was speaking.] God bless your life, your soul, your heart. There she is. That's my daughter. But how she has changed. Are you happy now ? James says that he wants to know if you are happy now ? It's a long road that has no turning to it. I have been here many years. But you will remember the old place. Home is home in the body, and my home is near to me, dear. It has been a long struggle, but you have waded through it. It's going to be all right. All you have to do is to trust in God and he will take care of you ; trust in God. I am living still, but changes have been made since I came here. You look older, but there is a beautiful young freshness about you, and I am glad to see you as you are. Speak to me, dear, don't be afraid ; it's all right. The truth is the truth and love is love, and I love you still. I can see your life has been changed there, but all's

well that ends well, and it's indeed well with me. This meeting is great. This is a great pleasure to me. [Pushing back veil.] Put this back, you look so fair. Mother's here too. We are both happy together. Think not of us as dead; think of us as alive. Ruth, Ruth, mother is with us, too. Mother, mother. Ruth. Tell Lorenzo he has been very good and very kind, and we are very fond of him, and we have a place arranged for him when he comes here that will not be a path of thorns, but a path of flowers. He has been very kind. It's been a long struggle, but it's over now. Speak to me. Ask me something. The years have been a good many, I can tell you. I look at the old place when I go down home there. I think how many times things have changed, and Marie is all right. Marie, yes, Marie. I can hear that. Speak to him quick, he is getting a little weak. Who is Jane, Janey? Tell him I'll be home later. [Mrs. Dow had a brother Janus, who died in infancy. It was not until after the sitting that she made the connections between "Janey" and him. The child was called Janey.]

I want Liza; that's Elizabeth, Elizabeth, two of them. One is the sister. One is your sister; that's the one the father tells me about.

* * * * * *

You are pretty well put together, I must say. There is no danger of your going out of the body. You have no kidney disease, no tumours nor no cancers. Sometimes you think you are going to have another, but you are not. When you pass out of the body it is going to be weakness—old age. No paralysis about you. I am telling you what I know to be a *bonâ fide* fact, and all the spirits in the world can't make me take it back. I know your physical condition just as well as [though] you are [were?] here. You think you are going to have something of the kind, but I tell you you are *not*.

[Introduction of phonograph.]

* * * * * *

Phinuit: . . . I want to know who the gentleman is connected with you that they call Alva.

(Mrs. D. Not connected with my father?)

Phinuit: This brings that. Isn't that funny?

[Mr. Lorenzo Dow enters.]

Phinuit: Lorenze! Don't let the other people talk to him first. Who's that? Here's another one for him. You are the nicest man in the world, without any compliments to you at all. You have a pretty good brain there. That's Lorenze, Lorenze! Good, good, good, good, good.

(Mr. D.: You seem to know me pretty well.)

Phinuit: Elizabeth belongs to you, and wants to send her love to you, and wants to tell you that the longest day you live in the body she will never forget you, and she and Gracie are happy together, and the spirit world is not so remote but what our friends can return to us. You came in last but not least. Do you know I get the influence of the machines. I can see the spring addition that is going to be put on, and it is going to be a success.

* * * * * *

[Phonograph.] [Mr. D. got Phinuit, with some difficulty, to talk into the phonograph, which Phinuit, after feeling the mouthpiece, called "that tube

thing." But Phinuit apparently did not understand the explanations of its use. Mr. D. requested him to talk to me, and Phinuit evidently expected an answer there and then to his remarks, which were of no special importance. The phonographic record was fairly good.—R.H.]

Sixth Sitting, May 10th, 1892.

[Present: Dr. and Mrs. Thaw. R. H. taking notes.]

Phinuit: Florence, I'm glad to see you. (Well, we're glad to see you.) Good boy, doctor. Good boy. Sometimes I come a long way to see you. Where's the tube? [Reference to phonograph. See sitting of May 8.]

[Asks about Hodgson and says a few words to him.]

* * * * *

Here comes the baby. Give her room to get in there. That's papa, she says. . . . [Pause. Phinuit leaves. Then whispering sound which becomes intelligible as P-ttie (Pretty).] (She used to talk and whisper that way.)

(Did you learn to talk any more?) Pitty. Pssy, Pttee, Pussee, Pittee, Pittee [repeated again frequently].

[Phinuit: returns.] (Doctor, are you there still?) I stepped out a minute. I couldn't help it. I let the little girl come in. She brought the cat. She's got a big dog, too. Two animals she plays with all the time. Don't think she's dead, because that's the hardest thing you could put on her. She's growing more beautiful every day. She's got a mass of golden hair. She looks like wax in the spirit world, she's so beautiful.

[Remark to Hodgson about names given to previous sitter.]

I had a long talk with Alva. He wants me to tell this to you and to Sabrina when I saw her. He caused her a great deal of sorrow, and he's sorry for it. [Sabrina is Mrs. Dow. Alva was her first husband, deceased. The statements made about him are true.—R. H.] Tell her about this, or you'll do him a great injustice. He's been in great suffering. You can help him out of this. (What can we do?) Get her to say that inwardly and in her very soul she freely and frankly forgives him. You'll be the means of saving his soul. I talked with him. [Further remarks about the great distress of Alva and his desire to be forgiven, and to be helped in attaining a higher state.]

James did this, and wanted me to give the message as quickly as I could. James goes and prays with him.

Here's F——. Wait a minute. I'll talk to you, F——, directly.

* * * * *

He's in a dark room, and he looks through a gate into the light and he can't get there. [This evidently refers to Alva.]

[Writing.]

Halloo. . . . [Illegible.] Florence. [Illegible.]

I don't know what I want to say. . . . Wrong [?] . . . [Illegible.] Smith. . . Fred . . . I went to see you and my painting. [A drawing was made here.] This is for you and the Dr. . . . Painting. . . . Tell mother I am with her. . . . (Tell me the name of your

best friend.) Which friend? . . . [Illegible.] W—. [A friend of F—.] G—. I am. . . [Illegible.] [G—is a brother of F—.] Hollo [?] friends [About here Phinuit said “Do you mean his painter friend?”]

Do you mean J—? Tell him I'm here. . . [Illegible]. . . him in spirit.

Oh I am so glad to . . . [Illegible.]

(The name I want was mentioned once before.) [Referring to a previous sitting.]

Herbert.

(Won't you tell us the name of your dearest friend?)

I told it to you before.

You helped me to get settled and I am thankful to you for . . . [Illegible.]

You gave me the only help I had. [Remark not inappropriate.]

[Spoken while the writing was going on. Dr. Thaw takes notes while R. H. is holding Phinuit's right hand. (In what follows Phinuit is first speaking as if to Mrs. Thaw's little child Margaret, deceased. He then apparently assists the writing communicator, and gives a message on his behalf.—R. H.)]

“Margaret, dear little Margaret. Tell your mother all about it. Tell her what you have to say.” [As if to Margaret.] [After sheet 7, just before the word “Herbert.”] “Tell Herbert he's all right.”

[Writing ends.]

[F's relatives not known to us, except brother G.]

Phinuit: He doesn't know where he is. Go away, you people. Hodgson, go out. He says you are a stranger. [R. H. goes out. Dr. T. takes notes.]

Oh dear! Passed out with consumption. [Correct.] [Of F—.—R.H.] I can't tell you how anxious this spirit is to get here. [Phinuit apparently leaves.]

[Deep coughing.] . . . [Hand to chest.] Oh! . . . [Phinuit comes back.] Oh dear! I'm coming back after all. . . . Who's Tom, Thompson? That's his father. He's aspired to come, but he can't get here. [Thompson was the name of the husband of the mother of George Perkins, the sitter of March 18th, 1892.—Dr. Thaw, 1896.]

Here's the little child—Margery.

[R. H. returns and takes notes. Dr. T. gives a watch not given before.]

You give me the watch and I'll take it to her. . . . Ho! That brings the gentleman. There's your *mother's* watch I want. (Tell me about *that* watch.) That's the father and the mother. (Whose father?) That's *your* father. (Wrong that time.) [The other watch given.] [Phinuit says the two watches confuse him.] This is the one she wanted. Your mother. [Correct. Same watch as in first sitting.] She's been out of the body a long time. [Phinuit asks that explanation be made to Dr. T.'s mother about his marriage. She died when he was a little child.] She remembers H—, and W—is with her and W—is coming to us soon and suddenly. [Phinuit apparently bewildered with names.] W—is says W—is coming

to us. [At this place Phinuit said, "How can W—— be here and W—— be coming?" Dr. T. said he understood it.]

(How soon?) He's coming within six months or a year. You've got two fathers. One's name is Lorenzo and one James.

(Mrs. T. : That's my father and grandfather.)

(How is W—— going to pass out?) He's going to sleep, and when he wakes he'll be in the spirit. Heart will stop. Kidneys out of order. He's out of order all over. It'll be one of the greatest reliefs to all concerned. [See note at end of sitting.]

[In reply to question about L——.] L—— is going to change her views. (Shall I help to bring this change?) Your spiritual self will act on her unconsciously to yourself. Consciously you can't do her good. Your mother says that they are going to influence her.

I want to know who you call J——. He's here in the spirit. He comes in connection with your mother and father. He's a relative. (How old was he when he passed out?) A little fellow. That's your brother. [Brother J. died in infancy, eight years before Dr. T.'s birth.]

(Is there another J——?) And there's another J——, that's a funny old crank, etc. [Also name of grandfather.]

(Why don't you tell us more about W——?) [Slight alteration.] When he came out of the body, the first interest was back with his children in the material body. (Didn't he want to see my mother?) She's with him. (Why didn't he see her first?) Well, he did. After he saw her he went to the children. (Has W—— any message to send to his scientific friends?) [Phinuit explains that question must be given now, and answered another time.]

[Letter.]

[Sitter, Mrs. Thaw, asks for name of friend of her mother which Phinuit promised at previous sitting to get and give.]

That's the lady who passed out of body with cancer. [True.] What do you want to know about her? (You said you'd get her name.) Well now, I'll go find the lady and come back and tell you.

* * * * *

Here's this lady. Her name's Ellern. . . . (No, that's not right.) Yes, it is too.—A-L-E-R-I-A-N, Ellerine. (No, not quite.) [Further attempts at name. Requested to get name and give it at next sitting.] [Name Caroline given correctly in next sitting.]

(Can you tell us about Dr. H—— to-day?) [Pause.] Hallo, doctor. I want to thank you for all the many kind things you've done for me. The children are all right. There's not one of them coming to me. What's that about the grave, the tomb? (I don't know.) Well, tell them not to worry about it. [Dr. H.'s wife was for nearly a year much depressed by the fact that H.'s body lay in vault awaiting burial.] He says something about A——. [Spelling name of daughter.] She coming out all right, and I know it. She's going to stay in the body for the present. [H.'s daughter A—— was dangerously ill at that time, but on our next visit was found to have passed the crisis.] I'm glad to see you, my best friends. The first time I saw you, you looked like great black specks to me. Now you look more like yourselves. [Speaks of the spiritual

activities there], “a higher range of activities is carried on than in your universe. Words cannot express how beautiful it is—like the dawn in the body,” etc., etc. [This long speech so characteristic of Dr. H. that Dr. T., wishing to know whether he or Phinuit was speaking, said :] (Can you tell me anything about Dr. Phinuit?) I’m talking to you myself, you rascal. I’m talking for him. (Well, you’re trying to make us think he’s talking.) I’m simply telling you what he says. I’m trying to imitate him.

[Writing.]

[Writing by “Dr. H.”] Give me something to do for you, Dr. dear. Tell me what I shall do for you. I will bring anything I can to prove myself to you. (Tell us something that’s known only to your wife.) All right. I will. (Will you do more than one thing?) Yes. Please tell me, Dr. dear, what you want. (Will you tell us *several* things that your wife only knows?) All right. I will. You know who is speaking with you? [Full name written here.]

[Writing ends.]

Baby, baby. Baby—happy, happy, happy. Don’t cry.

[Special spasm in coming out of trance, and struggles to say some name—sounded like Par—Por—Par—Porline, Polline, Parline. Evidently attempts at Caroline. At the next sitting (not published by request of sister) the name Caroline was spelled out in writing.]

NOTE.—At the time of sitting Dr. T. had no more reason to expect the death of W— than at any time for two or three years, W— being a chronic invalid with asthma. There had been some increase of difficulty of breathing and circulation during the past eighteen months, and a brief period of slight dropsical symptoms during the winter. Two weeks after sitting W— came to New York for a careful medical examination, and for the first time kidney disease was discovered.

W— died September 3rd, in sleep, of heart failure, four months later. In the sitting of May 22nd the time of death is put at “six months, or a little less.”

W— had been a great sufferer most of his life.

Seventh Sitting. May 19th, 1892.

[Present: Dr. and Mrs. Thaw and Mr. Melvin W. Mr. W. sitting with Mrs. Piper.] [I believe that the notes were taken by Dr. Thaw.—R. H.]

I’m Dr. Phinuit. Where’s Hodgson? (He is not here). [To Dr. T.] Hello, Dr. ! [Touching Mr. W.] That’s a gentleman. You want me to tell you about all your friends, don’t you. I have a message for you Dr. from Dr. H. (That’s all right). [Dr. T. goes out.]

[To Mr. W.] You’re not ill. There’s nothing the matter with you. Why don’t you talk to me? First, I want to see how you feel. Ha, that’s funny. [Feeling head. Feeling stomach.] There’s no danger of your passing out yet awhile. You think there’s something the matter with you physically here, but you’re pretty well. Mentally you get all muddled up.

Sometimes you don't know what to do or which way to turn. Before your friends come here I'll talk to you yourself. You're going away. Across a large body of water. It is unexpected, but pretty near by. You will be practically alone, but friends of some kind will be with you. [This prophecy had a curiously exact fulfilment within two weeks, though without any expectation of it at the time of sitting.]

There's a little child around you. Funny little thing. In the body. That's queer.

You don't know which is which or what is what, sometimes. [Feeling head.] That impresses me, but you're a pretty good fellow all the same. Have you got anything belonging to anybody? [Gives a pin.] I've got a cough. You won't believe me, but there's a lady and gentleman both connected with this. [Pin, belonging to gentleman (dead) was thrust through a silk band painted by a lady who died of consumption.] The lady passed out of the body. I'll tell you about her in a few minutes. You won't believe me, but there was a trouble through here. [Lower abdomen. Unverified.] It takes some time, because this is a small thing. Another one has handled this, in connection with the lady who is here. Do you know about this? (Yes.) I am sorry because you'll say I got that out of your head. [To Dr. T.] Dr., you go out. [Dr. goes out.]

I get your mother on this. These articles were put together. They were mixed up. [That was true.]

[Gives a ring.] That belongs to the mother. This is a lady who also passed out of the body. The two connected in a funny way. Like mother and daughter-in-law. [Not true.] You have a little piece of your mother's hair somewhere. (Yes.) There's something funny about it. You cut it off afterwards. After she passed out. (That is true.) I get Mara, a sister. I don't know how you pronounce it. It is in connection with this lady. It's an aunt. M-A-R-I-E. [Only sister of father. Sitter did not recollect at the time, but this is true.] You will find that out. Her other name is Elizabeth. Marie Eliza. You'll find that out. [Her name was afterwards found to be Mary Eliza. See below.]

(What do you get about my mother?) You haven't the piece of hair? (No.) Who's this she calls Alvin? Elvin—E-L-V-A. Well, it sounds like that, any way. She's talking to you. Elvin. She says, "Why don't you tell him his name's Elvin?" She knows—you know what I mean. She is trying to break through the veil. She wants you to know she's not dead. Speak to her. (Who is with her?) She speaks in a whisper. She had trouble here. [Touching chest.] She filled all up. She passed out with that. But she didn't suffer as she seemed to. [All true. Consumption.] There's this lady, a sister of your father, passed out. Marie Eliza. Something like that. There's another sister. That makes two, three. Some one in body, Jane. Jen. She was kind to her. (Maria?) Before she passed out. She was not a relative. Ann. Who's this? A sister. J-E-N-N-I-E. There's a good test for you. Maria?

Had trouble in her throat. Some time before she passed out. There's one they call L-A-U-R-A. [An aunt.] One that sends her love. [Takes object.] You put that on head.

Who's William? Warren. [Nothing known.]

[Gives a hat ribbon.] Now you're woke up at last. This belongs to a lady talking to me. Mary L-O-U-I-S-E. [Not known.] Tell Elvin to speak to me and don't be afraid. I got a Laura too.

(What's my mother's name?) She sends her love to you. What are you writing? There are papers all about you. You get awfully mixed up. [True at this time.]

Tell Caroline I'll speak to her later. That belongs to the lady that spoke to you. [Mrs. T. had spoken to sitter a moment before.] You don't talk to your mother at all. Tell Elvin I am here. Who's that other person? There are three. An aunt and a sister of this lady, your mother.

[Gives hat-band again.] Hat. This belongs to your own family. (The one who gave that?) Who's Laura? (A sister of that one.) Your mother had a sister and your father had a sister.

Maria calls Will—William. He passed out of the body by drowning. [Unable to obtain answer to inquiry.—R. H.]

Louisa and Jane were friends of this sister. [Louisa not known.] Who took care of her when she passed out? Louise had rheumatism in her hands. You find out about that. [Nothing known.] One was a sister by marriage. There was a name, Norton.

• Who does Ruth belong to? She sees somebody and wants to talk to somebody. She puts my hand that way. [Waving hand like a child.] Tell doctor he is good. I like him. My son. My son. Tell them my son is good.

[To the doctor.] Tell him I'll speak later. They're all right. Tell them all about Margaret.

Elvin. Elvin. Why didn't you come when she passed out? To speak to her,—after she passed out. Sura. Surie? . . . S—S-a-r-a-h. S-e-u-s-a. S-e-u-s-a-n. S-u-s-a-n. [Correct.] I can't say it. Tell Elvin I am Susan.

You wanted to know my name, and I've told you. Don't doubt I'm your mother. She passed out in the evening or afternoon. She passed out of the body and reached here in the evening, and wished to speak to you but could not.

Somebody else has handled this. It has your influence and hers. Susan wants me to tell you. . . . [Writing begins with difficulty until Phinuit changes ring from left to right hand, then proceeds with careful slow writing.]

[First letter looks like an N rather more than an M.] Nelvin. [On being asked to repeat, writes it Melvin.] I am your mother, dear boy. Susan. Melvin. Melvin dear, speak to me. I am not dead.

(What were the last words I said to you?) Called "mother," and asked me if I could see you, if I remember rightly. Those were the last words I heard you say. [Correct.] (What were the last words you said?) I am going, raise me. Tell father. [Nothing remembered positively.]

[Here Phinuit talks.] This is a lovely lady. Just as bright and spiritual as she can be. She's a beautiful lady. She suffered, but not as much as you thought she did.

[Writing.]

Tell father to get the things.* [This is the sense of last words to husband.] I do not remember just that. Dear Melvin, I see you, dear child. I love you, my boy, and want you to think of me often. Tell him I am happy.

(Have you any message to send to father?) G—— is all right. I know it. Poor [?] boy.

(Have you any message for father?) Who do you mean? Oh yes. [The hand here turns back to page having writing marked by star above, then goes on writing] and bring them to me. Yes, I told him to bring the things home. Tell him he brought them and I was pleased.

(Won't you send some other message?) Yes.

(Is my father happy in his life now?) No.

[The hand here was writing "yes" while sitter was asking second question. The sitter, not knowing which answer applied to second question asked, "Yes or no?" The hand then tried to scratch out the yes.] . . .

[Sitter asks about owner of pin.]

He is here, but I do not know him personally. How can I, dear? I will find him. . . .

[Sitter asks about some misunderstanding in the house.] (Did you remember it?) I do perfectly, and I told [something.] [Confused.] [End of writing.]

[Phinuit comes back, with great difficulty getting hand away, until ring was removed from the finger; then talks.] [On several occasions Phinuit has purported to leave the body for a short time while the hand was being used by another communicator. But the phrase used above probably here means only that he began again to talk. He frequently remarked about the difficulty of "getting the hand back" from the control of a writing communicator. See p. 292.—R. H.] Here's the baby Ruthie. Pat papa. [Pats for a long time.] She says I don't do it right. I am not gentle enough. I don't do it the way she used to do. [Medium waves hands at Mr. W.] This is for that gentleman. She says this is for him. [Waves hands in the way in which she always waved them to Mr. W., and to him only.] This little girl is so lovely. Mumsey. [Pats mother.] Little Margaret too.

Dr. H—— wants me to say he has some very important things for you.

Ruthie says, "Pussie, pretty pussie."

(Mrs. T. : You promised we should see them. When?) Don't hurry; you can't get everything in a hurry. You'll see them.

(Dr. T. : Before we leave the body?) Yes, as sure as you live.

(Tell Dr. H. to have some things ready for us soon.)

[Dr. Phinuit listened to his own voice in phonograph, saying, "Oh, you're a nice old fellow. You've got me on record."]

[Phonograph says, "I'm going out."] So I am going out. Ha, ha, that's good.

Ruthie wants to see Nana soon and bring Betty.

Eighth Sitting. May 20th.

[Mr. L. Dow sitting with Mrs. Piper about 30 minutes. Dr. T. taking longhand notes. Professor J. H. Hyslop had the second half of the sitting—omitted.]

Ha! That's so funny. I'm Dr. Phinuit. You came with the tube. You're the fellow with a little weakness. How are you, pretty well?

(Is there anything particularly the matter with me?) Well, you're pretty level-headed, to say the least. I'll tell you one thing very good, you're over the worst of your troubles. You have no Bright's disease, no heart trouble—just a little nervous. A little pressure on the bladder. You're going to be all right. You may have a touch of neuralgia or rheumatism. But you'll come all right.

(How about Medium? She has a cough.)

My Medium? She has a cough, has she? Well, you have her put a half ounce of turpentine in a half a cup of boiling water, and inhale it.

(What for her trouble under the arm?)

Oh, that's poor blood. A tonic will scatter that. You give her two ounces of tincture of cinchona; four ounces of French dialyzed iron and four ounces simple syrup. Give her a teaspoonful one half-hour before meals.

Fabin. He knew you years ago. [Name not known.]

Before I forget it, Susan wants to tell Elvin she has found the young man in the spirit. His mother saw him. He wants to see Elvin. (Who is he with?) He's with his own friends. He's all right.

Here's your lady. Elizabeth. And Gracie. [Correct. See former sittings.] She says you must take things easy. We are watching you in a way you know nothing about.

You're in something, in business. It's coming out all right. It needs patience and time. Everything has been good. What seems bad is for your advantage. You will see that.

(What do you want me to do?)

Give me something connected with your work. [Sitter gives small steel piece of machine.] I want to tell you something important. There's a tall, dark-complexioned gentleman with a heavy beard. He will put his interest in the thing. His name is something like Atwood. Atwood. [L. D. had been talking business with a Mr. Wood, of said complexion, etc.] (Do I know him?) I think not. He will be super—what do you call it? Super—something. (Superintendent.)

It will be the greatest success of the kind in your country.

I see the propellor, or something of that kind. (Pusher.)

I see five of these things. More. Many come running together. [Asked about Atwood, counts five or six weeks in French.] He will come in that number of weeks. He has dark eyes and a prominent nose. [Not true.] The name is nearly right, an A-t- and then two O's and a W. I see this my own self. There are no special spirits. [Asked how he sees it.] I see it back of you, just as plainly as if it were before your eyes.

There's a young man has something to do with this. How's Aleck? He's tired, but he's going to be better. When this gentleman comes there will be rest for all. I don't want to tell you things that are not right.

[Sitter says he knows a Mr. Wood.]

Well, I see an A and a T and two O's and a W and a D. This man is very honest.

You're a good fellow. You're going to succeed. Do you know who Tom is? T-h-o-m-a-s—He's connected with your uncle. [Not known.]

Do you know William? Will—he calls in the body. [Brother William living.] He wants to talk to him, too. I have sent your lady Elizabeth after him.

James [Wife's father] wants to send love to his daughter. Tell her not to worry.

What relation are you to the baby? [Grandfather.] She knows you. She's lovely, like wax. And the other is very beautiful.

Andre. Tell the boys I'm happy. Valer. [See Fourth Sitting, p. 557.]

How do you do, sir? I'm glad to see you. I think I know you. This is a great change, and I'm much better off.

Ninth Sitting. May 22nd, 1892.

[Two following sittings at country house where child R. died, and quite new to Mrs. P.] [R. H. taking notes.]

First Half.

Sitter: Miss Ellen Heffern (nurse of Mrs. Thaw's children.)

How are you, Sis?

[The right hand is then seized, and a message written by "George for Hodgson to give to friends.]

Who's Marie? [Mary, a niece, daughter of Bridget whose name follows.] Tell Bridget I am happy. I don't want Hallan [Ellen] to fret about me. I am happy.

There's an old lady with funny collar about her.

(Where is she?) She's got two boys with her, two she's brought and another one's coming, that's three. There with her.

(That's right.)

Who's James? [A brother dead.]

Tell J-A-C-K—Jack—[Another brother, not known whether alive or not.] Tell James I'm all right.

Ellen. Who's Ellen? (I'm Ellen.) There's a baby comes here, same light-haired little girl.

Who's Nanna? I tell Nanna. I come, say ptee, ptee, ptee. That's Ruthie. Happy day. Happy day. (I love to see little Ruthie.) Give me the funny things. [Rosary given.] Here, baby, take this. Preetee, prettee. (Ask little Ruthie where is she?) Here comes the little thing. She wants that. She pulls them up that way. [Moving rosary up and down.]

Who's James she keeps calling for? Tell Ellen I'm all right, not to worry about me.

Who's Jack? Who followed the water, passed out of body in water? [Her uncle was drowned.]

Here, baby, take this.

(Did she have the Sacrament before she died?) She says yes, all right, all right and happy, too. Somebody calls mother. Who's Margaret? And there's one they call Berder—B R I D G E T. (What shall I say to

Bridget?) Tell her that the pain in the head is all right. [Mother suffered much with head before death.] Boys all right with me—one, two, three boys. (She's got more than that.) She's got three with her. (What are their names?) Who's Mike—little fellow? [A brother Mike died young.]

The baby passed with bowel trouble. (This one?) [Giving hair and locket.] Yes, this one. [True of a baby Ellen had nursed, and whose hair was in this locket.]

Mary. She puts her arms up to you. She's got very pretty eyes, blue. Speak to me, all of you. She loves you in the spirit. [This very true of sitter's sister Bridget's child Mary, who is dead.] (How long will it be before I go and see her?) Not for a long time. You're going across the water first.

Three—only three, that's all there is. Who's Mary? (That's baby's name.) Keeps saying Mary, Mary. Why didn't you tell me so? Who's Nanna? (I am.) There's another one. That's your mother. She says you gave her a big round orange. [Can't remember this.] (Did mother see me since she passed out?) Yes, and she's coming again. [Ellen says that she has seen and spoken with her mother twice; once just before the death of Ruthie, and once before the death of a nephew. Both occasions preceded her first information as to anything regarding Mrs. Piper or similar subjects.] There was a dream. She comes and walks around you. She's got something here. [Meaning that there was something belonging to the mother there.]

(Ask my mother if she sees my father.)

Little Mary. That belongs to you.

Who does *Fred* belong to? [Mrs. T. called out, "To me, I guess."]

She told me to get that. [Object given which the sitter supposed to be her mother's hair. It was, however, an *Agnus Dei*. Sitter did not know that this object was in parcel in her lap.] [Miss Heffern brought several articles to the sitting in a parcel. She did not know that the *Agnus Dei* was among them. It was wrapped in paper, and she supposed that this particular packet contained her mother's hair. The *Agnus Dei* was given to her by a priest, and her mother when living had told her to wear it.—R. H., 1898.] Put that in *there*. Put it in there and wear it, [thrusting his finger down the neck of the sitter] just as she told you to. [When sitter insisted that Phinuit was wrong about this object he tore off paper and showed the *Agnus Dei*.] [True. Mother had told sitter to wear it.] (Who gave me that?) That's hers. (No, that wasn't hers.) You did everything you could for her after she passed out of the body.

Give me something. Give me the father's. (Haven't got anything of father's.) Well, give me the mother's.

Two Marys in connection with this lady. [True; a sister and a niece.] [Hair given.] There's an aunt and a little one.

(Mrs. T.: Baby and aunt.) (E. H.: My sister's in the body.) She wants to send her love to her.

Who's James? He's going to be ill. (Will he get better?) [Coughs.] Through there. [Pointing through there.] . . . Passed out of body with consumption. [A cousin James Donohue, of whom nothing known.] (Who is it?) Dannis—Denny something. (Donohue.)

Dannasu—[Further attempts at pronouncing name.] He wants to speak to you. Trouble through there. (Does he want me to do anything?) Passed out of body across the water, suddenly. Somebody in body named James going to be ill—cold—Your mother tells me. [True. Baby James had cold next time Ellen saw him.]

Who's Bridget? She calls this lady's name.

(Where did mother come to me first after she passed out of the body?) She came to you. (What did she say to me?) She's glad to see you, she says. (Ask her if I can be of any use to her.) You done [*sic*] all right.

(What religion is the best to follow—Presbyterian or Catholic, or what?) She says keep the way you are. That's all right. Go and do as I told you first when I come [*sic*—for "came."]

(Ask her if she sees my father.) Tell her to do what I told you when I come [*sic*]. She says you do as she told you to when she came. Understand that? (Yes.)

(Ask her how many brothers of mine she sees?) Five. [Five dead.]

Who's James? There's one called James. [Brother James had long curly hair.] Funny hair. Light brownish like. [True.]

Eyes bluish grey. [True.]

(What was the height?) Not very tall. (That's wrong.) Have you got that in your mind? (Yes.) You don't know much about talking to me, do you?

[Message from the mother.] . . . Tell her I told her to change. I'll watch over her wherever she goes. . . . You do right if you keep as you are. You get kind of mixed up sometimes and don't know where you are.

That brother's a fine-looking fellow. [James.]

(What did the brother die of? Of disease?)

One was choked—Oh, that's your father's brother. [Unverified.]

Another one was drowned. (What was his name?) Andrew. [Correct. Mother's brother Andrew drowned.] And you never had Mass for him. [True.]

(Shall I have one said now?) Never mind. She wants you to remember always that big orange you gave her. You gave it to her behind the curtain. [No recollection of this, but Ellen brought many things once, including basket of fruit, from south of France to her mother's house in Ireland. Bed had curtains.]

[Dr. and Mrs. Thaw enter and talk to Phinuit.]

(Ask mother if she's got anything to say to the boy that wrote that.) [Giving letter.] I want to tell her lots of things. (I want to know if mother is in heaven.) Your mother's in heaven. She's all right. She's much happier there than you begin to be here, etc. (Is she in purgatory?) Purgatory be hanged. You get your purgatory here, etc.

[Exit Nellie.]

Second Half.

[Dr. and Mrs. Thaw sitting.]

[Dr. T. gives a daguerreotype of W——.] Who's W——? W. says I'm here. What do you want? That's father. W——. That's my son. How

are you? I'm glad you brought me back. I want to break through this veil. [Some question asked by Dr. T. about how he got there.] [Some remark about *mother*, and then about development, etc.] I improved spiritually, mentally, and every other way. When I first opened my eyes I saw nobody. (Do you want to give a message to any of your scientific friends?)

I have one friend that I'd like to see very much on earth. Cannot think of his name just now, but will in a minute. [Portrait.] This brings me well. . . .

You tell Langenwind [struggles at name, approximations to Langley.] I want him to come and see me. You've changed since I came here. You're getting thin. (What shall I say to Langley?) Ask him how he's contented, getting on. Who's J—? He's a very peculiar old fellow. They've straightened things out. They've explained all matters. I'd do identically just as I did before—more than half. You tell Davis that I'll help him in a few days. (Who's Davis?) He's a friend of mine—wrote a letter for me. [Unverified.] Tell me about the other W—. He's coming to us. (How long?) About six months or a little less. The children are coming out all right. You're the one that studied medicine. Doctor, you tell him that I'm going to straighten the children. He'll write it. *I'll* write it.

[Writing.]

[Phinuit writes *Harry* twice, in mirror writing. (Harry is the name of one of Dr. Thaw's brothers.—R. H.) The hand was then seized by another "influence," and the following was written, during the course of which Phinuit made occasional remarks like these to the communicating intelligence: "I told you if you'd come with me I'd show you your friends, you old idiot." . . . "He's as stubborn as a mule." . . . "Don't thump me," etc.]

[Writing.] How do you do, my son? I am your father, and you ought to know me. (Very glad to see you, etc.) Thank you.

* * * * *

(What were the last words you said before you passed out?) The boys . . . I said I was going to sleep, and I am anxious to have you know I was lingering between this life and yours in the body. Then I tried to tell you about the money. I am . . . yes . . . I will, pob, pob, rob, Bub.—I will tell you when I come again, but I shall have to recall my last words. [Nothing relevant.—R. H.]

[Question repeated.] Yes, I surely will. What is it? B . . . Give me a glass of water. My head—

(Do you see the babies?) Yes. Blair.

(Can you bring the children now?) I will. Yes. You know your father William. I must go. Good-bye, dear. I must go, must go, good-bye.

[End of writing.]

[Phinuit then struggles to "get his hand back."] I got it away. [To Mrs. T.] What are you worrying about? (I want to go to you.) What? (To the babies sometimes.) Oh, you *wicked, wicked* little thing, etc. Dr

can't you straighten her out better than that? You stop your worrying. You've nothing to worry about. Go to sleep.

(Is he going to be sick?) *No.* That's a whim you've got into your head. No heart trouble, no kidney trouble, no stomach trouble. His head's a little tired. That's all. (I want to see them so much sometimes.)

Oh, you act like a baby. Come here, dearie, come along. Look at the little curly-headed one. [To Dr. T.] Your mother's got her. See her jump her. [Dandling.] Can't you see her, you stupid fools? (No.) You can see her, can't you, Hodgson? (No.) Humph.

Tell mamma p-tee, p-sse, happy little Ruthie. Bring a posies. That's a spirit posy. Don't worry mother. Drama, she says. Ruth, drama, don't worry papa, don't worry *you* [to Mrs. T.] pt-tee, pt-tee.

[Phinuit departs—heavy breathing.]

Pttee. Pttee. (Little baby. How do you do, baby?) Pt-tee. (Little Margaret with you?)

Pt-tee. [Points upwards and to one side at picture with forefinger. Hand rises, finger points, trembles, and hand sinks.] [During the last month of R.'s life it was a regular morning custom to bring her to the room in which this sitting was held—our bedroom—and she would always point, as hand did in sitting, with *one* finger (unusual with a baby), and say "pt-tee, pt-tee," just as in sitting. This little incident had not been in either sitter's conscious mind since baby's death, six months before. Mrs. Piper had never been in that room until the actual time of sitting. Many other pictures in the room, two of which Mrs. Piper's hand could have pointed at more easily than the particular one always noticed by the baby.]

[Phinuit returns.] Baby wanted to come. The old lady stood up behind her so she wouldn't fall. Don't be so impatient, little one, wait a minute, darling. Thank mamma for the posy. Bring the posy again another day. She has no pain—no teeth. I'm happy, happy. Don't cry any more.

(And little Margaret?)

Little one can't talk so well. Little Margaret, Margie, beautiful, they're just like flowers in blossom.

(Why, they were twins. Why can't she talk as well as the other?) She doesn't talk so much. Her talk is different; she doesn't articulate quite so distinctly. I can understand it, but you wouldn't. Little da da da dada.

(Why did she put her finger up?)

Pt-tee, Pt-tee. That's what she used to do in the body. Your mother says she had the baby do that so that you'd know it's baby.

(How about L—?)

L—'s going to get out without you. W— is going to have a dream before he passes out. Here's F—. F—, you be still a minute; you can talk directly.

(What's that about the dream?) He'll tell you about it. [Unverified.] He's going to see your father. His eyes are going to be opened. That's all fixed. I saw Susan. She found the gentleman he wanted to know about. [This evidently refers to Melvin.]

(How's F.?) He sends his love to you. Much obliged for what you did for him when he was in the body.

[*Pin.*] (That belongs to friend of Melvin.) You stick it in there, and it'll stay. (Not in medium's skin.)

[Written.]

How are you, Melvin and Dr., and Florence? I am so glad to be with you again. I am—I am Steve. Dr., this is my cravat pin. This is my cravat pin. Melvin just gave it to me. (Whom did you give it to?) [Attempts at names beginning with M— finally reaching M-A-R clearly; other letters undecipherable; ending] I am very weak. [“Steve's sister Mary had the article spoken of, we believing at the time she had not. We did not know his sister's name even.”—Dr. Thaw, 1896.]

[Hand here seized by another “influence.”]

Tell J—[?] B.— [Surname correctly given.—R. H.] J.A.B. [Initials correctly given. F. W. was an artist. J. A. B., also an artist, was an intimate friend of F. W.—R. H.] I am not dead. F—. Give my love to Top. [Nickname of best friend, given independently at second sitting.] F— W—. [Names correctly given.—R. H.]

(Don't be so excited. Take your time, etc.), and I try to be good, but you don't know how glad I am to get to you. Andrew. . . . Andrew Andrew. Adieu. [Andrew unverified.] Dear old B—and Top. Give my love to them. Oh, how I thank you for all you did for me. Good-bye, dear Dr. Thaw. Blair. [F. called Dr. T. by first name only during visit just before his death.]

Who is this man? (That's Mr. Hodgson, Mr. W—. R.H. says, “Glad to know you, Mr. W—.”) Glad to see you, sir. (I know your friend B— very well.) Oh, do you? Give him my love and tell him I would like to see him. Did you know me? (No. I don't think I ever met you.) I am F— W—. Give me my stick and brush and I will paint it. They ought to have known better.

Good-bye. . . . With. . . . (You know Mr. W—?) [Mr. Melvin W., who has come into the room.—R. H.]

Yes. How are you? M—? Will you speak to me?

Good-bye. . . . Yours. . . . F—.

Remember me to your mother and father. What was your brother's name? (Alexander.)

Oh yes. Remember me to him. [Writing ends. Sitting ends.—R. H.]

Tenth Sitting, May 23rd., 1892.

[Present: Dr. and Mrs. Thaw. R. H. taking notes.]

Well, little girl, you've got over your worrying. I'll go and find some friends for you.

(I want to bring my little Betty in to you.) [Servant Nellie brings in Beatrice, Mrs. T.'s little daughter.]

Ha! Nice little girl, come here. Here comes the baby. Two babies. Give me Ruthie's play-toys. [Rosary.] See the baby. It's too heavy for her. [Puts rosary round Mrs. T.'s head, between her and Betty.] See!

That's little Margaret. Dad, Dad, Dad. Ptee, pssy, Nanna, Nanna. [Stroking B's hair.] Pttee, pttee, pttee.

[Phinuit leaves, Baby comes. Finger points toward picture.] Pttee—pttee, etc. There, there, etc. [Places B's hand on Mrs. Piper's head, strokes B's hair, etc., points toward picture again, "Pttee, ptt-cc. Places hand on Dr. T.'s head and pats it.]

[Phinuit returns. Mrs. T. is sending B. away.] Ruthie wants the little one to stay. * * * [Personal and non-evidential talk.—R. H.]

Here's W——. [Father of Dr. Thaw.—R.H.] (I asked him to tell me what he said just before he passed out, and what he meant.) He was dazed. He thinks he said something about a glass of water, but he doesn't know.

(But he said something about a man.) He doesn't know. He was between the two worlds. He doesn't know just what he did say. Susan knew exactly what she said before she passed out. [Correct. See sitting of May 19, 1892.] [Dr. T. explains what he thought about it, that it was probably unconscious talking, &c.]

* * * * *

Give me the thing that'll bring him nearer. [Daguerreotype given.]

I understood you better than I did the rest. I didn't understand how to treat you all. What about Langdn—Lang—?

(L——, you mean. Has he something to say to him?)

Is he satisfied with what I did for him? [Appropriate remark.]

That's Florence. This was taken before the war. [True of daguerreotype.] A—— knows all about this. She kept it for years. A——. (A—— What?) Your mother, of course. Don't you know your mother? [Mistake. A——, name of W.'s sister.] . . . [The difficulty with A. here seems to be due to Mrs. T.'s aunt having had name of Eliza A——.] . . . She had this for a long time. But she's been here twenty or thirty years or more. She looks as much higher than your father as your father is higher than you. . . .

He's explained to her all about your being here, your being married, and the children, and all about it.

(Where did my father get this thing?) Where's South? (Where's what?) He had that taken years ago, before your mother passed out of the body. He had it taken years ago, before the war.

(Just one thing I'd like to ask my father. What name did he call my mother?) He talks about two mothers, one in the body, one in the spirit.

(My mother and my stepmother. Won't he give the name of my mother?) That's A——, too.

(No, that's his sister). [Pause.]

Oh, that's the name I gave you one day, and I mixed it up with the name of another lady. [Referring to Ann Eliza, Mrs. T.'s aunt.] Who's L——? (That's his daughter-in-law).

* * * * *

Who's Margaret? Oh, little Margaret.

(Won't he give mother's name?)

He'll write that name directly.

* * * * *

Who's Elsiné? [Struggles after name.] That's W——, too. W—— in the body. (Who's speaking?) Dr. H.: George William . . . Andre Valliere says tell George I'm all right. I have seen Whiskers. ["Alfred Howell's dog, then dead."—Dr. Thaw, 1896. See p. 557-8.] . . .

Eleventh Sitting. May 29th, 1892.

[Miss Ellen Heffern at first part of sitting. R. H. taking notes.]

Phinuit: . . . She wants you to tell Ellen I'm glad to see her. I'm here in another life. Are you lonely without me? Do you miss me? Call for me and I'll come to you. Ask me to come to you in the name of God when you go to your little cot.

Who's Mary? (My sister.) Bridget. I'll stay with you all, and help you well. I'll be with all of you. (Father?) He's with her. She wants you to remember a bandage here, dipping it in water and put it over here. You bathed his head. [True.] In another land—country. There was a little candle there you lit. [True.] You remember a red handkerchief. Keep that. [The only relic of her father E. possesses.] He wants her to go where his body is. He'll be with her, and tell you what she does.

Be a good friend to the one that gave you the little thing to wear here. He's blessed the thing. (Referring to *Agnus Dei* mentioned in former sitting.)

Who's Mac? Mac—something. (His name is John.) That's the John I told you about and you said no. I told you of two Johns. One called Jack, and he's got a brother Mike. There's land on that side [John Mac—] and he's going to give you that land. Wasn't I a good fellow to you? You'll— Take my blessing.

John will do what's right for you, but it will be through Mary. And I tell you, friends, this lady's father and mother are here. You're not going to see about it. But you're going to before you leave your surroundings. Ellen. (Yes.) Speak to your mother, quick. She's going away. She'll come and stay with you. (How long shall I stay with this lady?) Help her out. See the old gentleman and lady. What's the matter with his leg? [Father was lame. Rheumatism.]

[The notes of the remaining part of this sitting, at which Dr. and Mrs. T. were present, besides myself, are too fragmentary to be of much use. I talked with Phinuit for some time, and then asked him to get "Mr. E." if possible, to control the voice, and talk into the phonograph. Shortly after there were indications of "change of control," after which there was a long silence while Mrs. Piper's hand pulled as though at a moustache, moved her hair back from the forehead, and felt my face over. I said "Hallo, who's there? What's the matter? Why don't you speak?" Finally the voice came, very different apparently from Phinuit's: "That's the funniest—I didn't think I could get—it can't be possible I've got here at last. Well! Well! Well! You've changed since I came here, tremendously. You don't know me, do you? I'm George Pelham." (See p. 315. This incident occurred about a fortnight after the sitting with G. P.'s father and mother. The series of stenographically reported sittings did not begin till the

following November.—R. H.) A long conversation ensued, in which one or two obscurities in recent sittings were referred to, but dealing chiefly with G. P.'s experiences immediately after death, first impressions, anxiety to speak with friends, etc. Nearly all this was spoken into the phonograph, and scarcely any notes were taken. Unfortunately we found later that the phonographic record gave us only a few scattered words here and there. Near the beginning of the conversation, as I remember, when asking G. P. to talk into the phonograph, I said, "You know what a phonograph is?" "Of course I do. Why, Hodgson, you must think I've got very unintelligent since I came over here." The sitting ended by another conversation with Phinuit.]

Twelfth Sitting. January 16th, 1893.

[Dr. and Mrs. Thaw sitting. A. D. taking shorthand notes.]

Phinuit: That's Florrie. I'm so glad to see you. How are you? Where's the doctor? (I'm here.) Phinuit: You're here too! I'm so glad to see you.

* * * * *

[Personal and non-evidential talk.—R.H.]

Here, speak to the baby. She has a gentleman with her. Who is—who is—I know that gentleman just as well as can be. That is the gentleman I told you was going to pass out of the body. That is W——. That's your brother W——. [See pp. 566-7, 575.]

Well, I never! Oh, hello! B-l-r. B-l-r. B-l-r. [Dr. A. B. Thaw is usually called by his middle name, Blair, by his relatives and intimate friends.—R. H.] Hello, Florence, Florence. How are you?—He speaks kind of queer.—I want to speak to you. Come here. Well, I never! I have seen you a great many times since I passed out of the body, but there is one thing I want to tell you of particularly. Listen to me. B-l-r. B-l-r. B-l-r. I can't get that name right. You listen to it and interpret the best you can. Look here, I want to tell you, my brother, one thing—my brother. I wish I had my life in the body over again, I would do differently.

(In what way?) In many ways, I assure you. Where is L——? L——. L——. Well, did you think I was coming here like this? (The Dr. told me. W——.) Why didn't you tell me? I had no sooner got out than I realised I lived again. But I didn't know this. Did you know this? Why didn't you tell me? You wanted to surprise me. Well, I am happy. I can say I am happy, and it is the first time I could say it in years. Believe me that my sufferings are at an end. I have no more pain, and I want you to think of me as being perfectly happy. I am satisfied, and I am with father and mother. I am all right, B-l-r. Do not think of me as dead, because I am not. I think father was glad to see me, but you know he didn't think this any more than I did.

(What did he say about it? Do you ever talk about coming to see me with father?) Father has been here before, and he knew it, and he told me about it. But this is the first channel that has been open to me. . . .

No more pain. I am glad to get out of it, thank the Lord! I wouldn't go back into the body for all the world and all there is in it.

* * * * *

Phinuit : Give me the flowers for the baby. [Takes flowers.] [Whispering.] (Do you like the pretty flowers?) Phinuit : [Whispering.] Pretty, pretty. [Many times repeated.] Happy, happy, happy. [Smoothing fur on Mrs. T.'s shoulder some time.] Pussie! Pussie! Pussie! [Ruthie used to do so with her mother's fur coat in the last month of her life, and say, Pussie, Pussie. This was the first time fur was worn at a sitting.]

* * * * *

Here's H——. (How are you, Doctor?)

Phinuit : I want to speak to you. Do you know you have done so much for me? I am so happy here. Do you know this world is not what you think it is? The world that I am in is peace and plenty. The world of peace and plenty. That's so, he says. Do you hear what I say? You can't see me, can you, Doctor? God bless you always, for ever and for ever, and you too, you dear little woman. Did you miss my Christmas letter? [Dr. H. sent us a Christmas letter every year.] (We did. We shall never forget your Christmas letter.)

Phinuit : Did you keep it all these days? How long is it since I was liberated from my body? (A year and a half.) Phinuit : A year and a half gone in the material body, and still the little church goes on. [The reference to the church was pertinent.—R. H.] (It is over two years.) Phinuit : How are all my family? But they have so much trouble and so much worry. They worry unnecessarily, I believe.

(How is your wife? Is she going to be better?) Phinuit : She is going to be much better? Don't you remember what I told you? (About what?) Phinuit : I told you about one of his children, and how she would get better. (She is better.)

Phinuit : And his wife is going to be better too, much better in the material body, and will be a comfort to him yet.

(What about B——?) Phinuit : She is the one that is going to get married. She is going to be married. (We could not get the name of the lover.) Phinuit : Oh, couldn't you? W——. [One letter wrong.]

H—— wants to know about the verses he left. He wants to know if they were printed, if the little book was printed. [A posthumous volume of his poems was printed about that time, but I do not know whether prior to the sitting or not.—R.H.] Have you missed me much since I came here? (We love you so much.) Phinuit : As I go dreaming along I look back to you with a great deal of happiness. You were my ideals, you always will be. I see you a great many times when the body is quiet and the soul goes on, wandering on. (Where does the soul go when we sleep?) Phinuit : It travels, and we can communicate with them freely. You do not remember it, and you do not realise it. When you sleep I oftentimes go to you and I shall never forget you. And do tell my family so. . . .

[A. Dow sitting. Dr. T. taking brief notes.]

How about the machines? They will be a grand success. I see them in a great big building.

There is a man signing a big paper. [Mr. Dow's father had signed application for space at Chicago fair two days previously. This known only to A. D.] [The machines were, however, not exhibited at the World's Fair in Chicago.—R. H.]

I said I will go back into the spirit world if these things are not a success.

(Will there be any more machines ?)

There will be two more new styles.

You will have more calls than you can fill for them. Un, deux, trois, quatre, cinq, six. Inside of six months your father won't want for anything. [The machines are only now, as this Report goes to press, on the point of being placed on the market.—R. H.]

In the business part of the machines there will be a man named Burton. Two men. One has a sandy beard. An elderly gentleman in the West.

Who's Ben ?

I see a patent in the patent place. It's all right. (Are there to be any new inventions ?)

No. I told you clearly about these things.

Here's Stump. You are going to be better off. Tell George, Stump sends love to him. [See pp. 557-8.]

(Mrs. T. : How about my sister in the body ?)

She's not very well. [True.] Is there anybody named H—— connected with her ? [Her husband.]

Little girl. [Good advice given here in regard to their little girl.]

Their little boy is not very well. Has been having a cold. An inward fever, in the stomach. A little cold too. Coming, perhaps. [Boy had acute gastric disturbance five days after sitting.]

* * * * *

SUPPLEMENT.

I.

PSYCHICAL RESEARCH IN AMERICAN UNIVERSITIES.

BY HARLOW GALE.

*Psychological Laboratory, University of Minnesota, Minneapolis,
Minn., U.S.A.*

As a part of my own interest in psychical research, it seemed to me it would be interesting and profitable to try to gather together some report on the place of psychical research in our university teaching. For in any new line of investigation there comes a time when, with the development of methods and the accumulation of a sufficiently trustworthy mass of material, some claim can be made to the presentation of its methods and results in educational institutions. Psychical research seems naturally to fall under Psychology, and so it is for instructors in psychology to decide when these newer subjects of psychical investigation deserve a place in our university courses.

At Harvard, Professor James gives about fifteen out of forty-five lectures in his course in Abnormal Psychology to psychical research work. But neither of his psychological colleagues, Royce or Münsterberg, takes at present any active interest in the subject. In Columbia the only allusion to the subject is by Professor Hyslop, who regrets that lack of time and a proper psychological course only allow him to mention it. He hopes, however, to offer some special work in this subject, and, if time and opportunity presented itself, would give a course for the whole year. He is "convinced that the experimentalist who ignores it and taboos it, or refuses to understand it (it is not necessary to believe in it) is going to be left behind, and will lose his influence; for the time is coming in the near future when he will be called upon to discuss a problem which he has not equipped himself to discuss." However, neither of those in charge of the experimental or abnormal Psychology "pays the slightest attention to psychical research *à la* the English Society." The experimentalist "taboos it throughout, but has never even read the reports and their experiments in telepathy."

At Pennsylvania, Professor Newbold says, "My own interest in the matter is very keen, and I regret very much that my work leaves me no time for original research. I do not, however, introduce it into my teaching. In the first place I am giving no courses in which the subject would naturally find its place, and in the second, I am by no means sure that it is desirable, either for the sake of the cause or for the sake of the

students, to do so. I always, however, so far as possible, endeavour to arouse the interest of any individual student who seems possessed of the good sense and judgment which are so essential in one who intends to deal with such questions." Perhaps quite naturally Professor Fullerton's six years of work with the Seybert Commission, in which he came in contact with fraudulent mediums only, has resulted in giving him a thorough distaste for the whole subject. The experimental Psychologist there is an orthodox of the pronounced type, and glories in the fact that he is not in the least interested in "so-called psychical research." Since the same man has charge of the work in experimental Psychology at Bryn Mawr (Women's), this complacent superiority prevails there also; although Professor D. S. Miller, Associate Professor of Philosophy, gives four or five lectures of his introductory course to Hypnotism and psychical research, and formerly, in an advanced course, gave them more time.

At Brown, Professor Delabarre has a "Seminary on 'Abnormal and Unusual States of Consciousness' during the winter term, in which the work of the S.P.R. is referred to and criticised."

At Smith (Women's) Professor Gardner reports:—"My reference to that work in my classes is only incidental. Some years ago I had an elective course in which hypnotism, clairvoyance, telepathy, etc., were considered in some detail, but I gave it up, as it seemed to me that the work was not of that disciplinary character which I consider the main work of a college should be."

The subject gets some attention at Chicago in connection with the regular psychological work, but it is given no independent treatment.

A Psychologist of one of our larger Universities gives some criticism to psychical research, but does not wish his name mentioned in this connection.

From Cornell an Associate of the Society reports that not only is there no psychical research work there, but that the Psychologist "will not even have the S.P.R. *Proceedings* in the library lest they should inflame the imaginations and corrupt the minds of the students. This policy recently led to the somewhat comical result that he had to borrow the books of me, when he needed them for polemical purposes."

The attitude at Yale, aside from indifference, is shown in the warning "against the unjustifiable application of the term 'experiment' to hypnotic exhibitions, to thought-transference follies, and to the so-called psychical research experiments. These amusements are as unrelated to scientific experiments as clairvoyant healing and faith-cure to the science of medicine" (Scripture: *Thinking, Feeling, Doing*, 1895, p. 26). In his *New Psychology*, 1897, the same "New Psychologist" selects some S.P.R. cases as a travesty contrast to the experimenting of the trained scientist, and again sums up the detailed study thus: "The objections to psychical research lie in its unscientific methods of experimentation and in the air of occultism in which the whole is enveloped. If the investigators were trained in the psychological laboratory, we might expect interesting discoveries in regard to mind, while at the same time the repellent mysticism would disappear along with odic force, animal magnetism, thought-transference, and other ghosts" (pp. 62-69).

At our distinctively psychological University, *i.e.*, Clark, the position of President Stanley Hall was shown in his review of the *Proceedings and Phantasms of the Living* in the first number of his *Journal of Psychology*. He then wrote in 1887 from Johns Hopkins that the formation and plan of the S.P.R. were "such as to commend it, not only to every psychologist, but to every true and intelligent friend of culture and religion"; and, in most gratifying contrast to many cases of dogmatic incredulity, he has followed the publications of the S.P.R. in two reviews (*Journal of Psychology*, Vol. I., pp. 128-146; Vol. VII., pp. 135-142). He has made experiments in normal and hypnotic reaction times (*Mind*, Vol. VIII., p. 170) in his laboratory at Johns Hopkins. There also Drs. Jastrow and Nuttall made their investigation "on the existence of a magnetic sense" (*Proceedings of the American S.P.R.*, p. 116). He himself had also up to 1887 "spent much time and labour in repeating with many subjects nearly all the experiments of the English Society." Under these conditions of experience, and along with much suggestive criticism, it is to be regretted that he then concludes "that the crude and premature theory of telepathy . . . lacks everything approaching proof save to amateurs and speculative psychologists" (*Journal of Psychology*, Vol. I., pp. 143 and 146). Instead of bettering its claim during the next eight years his judgment seems more severe. For he is profoundly convinced that "the telepathic presumption is yet very far from being a *prima facie* case, is premature at best, and that it is at present with its rank mazes of mystic guess-work a source of befuddlement and obfuscation galore. To say that telepathy 'is a name given in lieu of a theory about it,' or, with Mr. Podmore, to say it 'involves just as little theory as Newton's conception of gravity,' seems to us almost grossly misleading, to say the least. Telepathy began as a definition of a new mode of psychic interconnection, and, instead of resting on the commonest facts of sense, and proving by mathematics, it has yet to find a single fact that can be demonstrated regularly in laboratory courses that proves or even illustrates it with certainty. . . . The writer has diligently read the experiments of the proceedings, and can honestly say that there is not one in which the conditions as reported seem to him satisfactory. . . . Give us one little fact, ever so little, that we can freely test and reproduce once a year in our laboratory. We will cross seas to see it, will acknowledge our mistaken scepticism, and confess telepathy, and turn the research of one laboratory at least in a new direction" (*Journal of Psychology*, Vol. VII., pp. 137 and 139).

On the other hand, however, Professor James gives most weighty influence to psychical research through such reviews as those in the *Psychological Review*, Vol. II., p. 67, and his reply to Professor Cattell, of Columbia, in Vol. III., p. 648; not to speak of his presidential address and papers within the S.P.R. itself.

Here in the University of Minnesota I have given in the spring term of my junior year course in Psychology nine weeks or thirty-six hours to psychical research, including two weeks on Hypnotism. In the first twelve hours the evidence on Telepathy is outlined after the plan in the *Phantasms of the Living*. Mr. Podmore's *Apparitions and Thought-transference* makes an invaluable book for the students in this problem, and the cases brought

into the lecture room are largely supplementary to those in these books. Practical demonstrations of the methods in the experimental cases, and a constant analysis and criticism of these and of the spontaneous cases, stimulate some students to experiment with valuable results.

In the next sixteen hours the other more negative parts of the Society's work are outlined. In addition to the most useful summaries on some of the subjects given in Mr. Podmore's *Studies in Psychical Research*, Mr. Myers' "Resolute Credulity," and in Professor James' *Essay in his Will to Believe*, perhaps the appended note of references may be stimulating to a further presentation of them. Upon our reference table, as well as in the University and Public Libraries, are sets of the S.P.R. publications, together with some of the standard works on the subjects. To these I add something from notes of my own experiences with professional mediums, and show a collection of alleged spirit photographs compared with ones of my own manufacture.

Then follow the eight hours of demonstration in non-sensational psychological phenomena of Hypnotism, and the following of suggestion through its various names and phases of suggestive Therapeutics, "School of Psychology" (Chicago), Mind and Faith Cures, Metaphysical, Magnetic and Divine Healing, Christian Science, Miracles, etc., etc.

Coming, as this term's work does, after one term of lectures and demonstrations in the Physiology and Psychology of Sense Perception, and a second term on Association, Memory, Feeling, and Willing, it gives a most valuable review of many of these phenomena, and their meaning is greatly enlarged by the new light from these points of view. So that this term is not only naturally more popular than the other two, but, so far as I can judge from three years' trial, it is the most profitable of all to the students. For few undergraduates get any serious meaning of the relation of the modern knowledge of our wonderful nervous mechanism to our conscious life, of the complex processes of sense perception to our real criterion of truth and limits of knowledge, of the pleasure-pain elements on the highest developments of our evolution and the ultimate basis of all conduct. But most students are still surrounded by a bewildering maze of alleged supernatural psychical phenomena which the ordinary psychological instruction does not attempt to pierce. If, however, the student can gain some analytical power in the classification of these mixed phenomena, some critical sense of what proof has been offered and must be offered in each category, the relations of the residuum thus gained to our already established and explained psychical facts, such an acquirement will, I think, do vastly more than the usual harmless psychological "discipline" towards making strong men. This so neglected function of criticism in education accounts for the often exasperating slowness with which phenomena are transferred from some modern form of Animism to natural Science. Though I appreciate in the highest degree, and after four years' experience of the Psychological Laboratories of Leipzig and Berlin, the great work which experimental Psychology is consciously or unconsciously doing in freeing Psychology from Metaphysics and raising it to a worthy place among the Sciences, yet I deliberately believe that for immediate practical returns in education, the S.P.R. has more to offer than all the Psychological Laboratories. If others do not go

so far, may we at least beg that one of the two groups of psychological workers so excellently described by Mr. Myers ("Resolute Credulity," *Proceedings*, XI., p. 233) may try to enlarge its horizon to get a fair view of the other?

References to Psychical Research Phenomena, aside from Telepathy.

[Roman numerals refer to *Proceedings* S.P.R., unless otherwise indicated.]

PHANTASMS OF THE DEAD :

- Mrs. Sidgwick's Report. III., 69.
- Professor Sidgwick's Address. V., 274.
- Gurney and Myers. V., 403.
- Podmore. VI., 229.
- Myers. VI., 13 and 314; VIII., 170.

PREMONITIONS :

- Mrs. Sidgwick on Evidence for. V., 228.
- Myers. XI., 334.

PHYSICAL PHENOMENA OF SPIRITUALISM :

- Mrs. Sidgwick's Report. IV., 45. See also article in *Encyclopædia Britannica*.
- Professor Barrett. IV., 25.
- Massey. IV., 25.
- Lewis and others. IV., 338 (on Eglinton).
- Crookes. VI., 98 (on Home).
- Crookes, Horsley, Bull, and Myers. III., 460 (on Husk's iron ring).
- Myers. VII., 146 and 383; IX., 245; and XI., 27 (on Moses). Also *Journal*, VI., 264, 304.
- Davey and Hodgson. IV., 381, and VIII., 253 (conjuring imitation).
- Wallace. *Journal*, VI., 33 (claiming Davey as medium).
- Paladino Case. *Journal*, VI., 306; VII., 36 and 148. *Proceedings*, IX., 218.
- Hodgson. Investigation of Theosophical Society. III., 201; IX., 129.
- Mrs. Sidgwick. Spirit Photography. VII., 268. *Journal*, VIII., 165.

HAUNTED HOUSES : I., 101; II., 137; VIII., 311.

- Podmore. Poltergeists. XII., 45.

UNCONSCIOUS MOVEMENT :

- Sugden. Note on Muscle-reading. I., 291.
- Myers. Automatic Writing. II., 217; III., 1; IV., 209; V., 403.
- Barkworth. Automatic Writing. VII., 23.

HALLUCINATIONS :

- Gurney. III., 151.
- Census of. X., 25.
- Miss X. Crystal Vision. V., 486 and 505; VI., 358; XI., 114.
- Lang. The Voices of Jeanne d'Arc. XI., 198.

HALLUCINATIONS : (*Continued.*)

Hyslop. Crystal Vision. XII., 259.

Marillier. Apparitions of the Virgin in Dordogne. VII., 100.

MISCELLANEOUS :

Divining Rod. II., 73 and 79.

,, Professor Barrett. XIII., pp. 2-282.

Lodge on "Georgia Magnet." *Journal* V., 168.Reichenbach Flames. I., 99 and 231; II., 56; *Proceedings American S.P.R.*, 116 and 127.

Hodgson. Indian Magic and Testimony of Conjurers. IX., 357.

HYPNOTISM :

Reports on. I., 217, 251, 283; II., 12.

Gurney. Stages of. II., 61, 201. Problems of. II., 265.

,, Peculiarities of certain post-hypnotic states. IV., 268.

,, Stages of Hypnotic Memory. IV., 515.

,, Recent experiments in Hypnotism. V., 3.

,, Hypnotism and Telepathy. V., 216.

,, and Myers. Some higher Aspects of Mesmerism. III., 401.

Local Anæsthesia induced in the normal state by mesmeric passes. III., 453.

Myers. Human Personality in the light of hypnotic suggestion. IV., 1.

,, On Telepathic Hypnotism. IV., 127.

,, Multiplex Personality. IV., 496.

,, Note on certain reported cases of hypnotic Hyperæsthesia. IV., 532.

,, (On Gurney's work in Hypnotism). V., 365.

,, French Experiments on Strata of Personality. V., 374.

,, Subliminal Consciousness. VII., 298; VIII., 333, 436; IX., 3; XI., 334.

,, Mind Cure, Faith Cure, and Miracles of Lourdes. IX., 160.

The connection of Hypnotism with the subjective phenomena of Spiritualism. V., 279.

Barkworth. Duplex Personality. VI., 84.

Delbœuf. Re l'Appréciation du Temps par les Somnambules. VIII., 414.

Fryer. The Holywell Cures. *Journal*, VII., 85.

Ramsay. Partial Anæsthesia. IX., 236.

Dill and Green. Dipsomania and Hypnotism. XI., 18.

Pierce and Podmore. Subliminal Consciousness or Unconscious Cerebration. XI., 317.

Newbold. Sub-conscious Reasoning. XII., 11.

Barrows. Suggestion without Hypnotism. XII., 21.

Bramwell. James Braid : his work and writings. XII., 127.

,, Personally observed Hypnotic Phenomena. XII., 176.

,, What is Hypnotism? XII., 204.

II.
REVIEWS.

Zur Kritik des Telepathischen Beweis Materiels. By EDMUND PARISH.
Leipzig. 1897.

This pamphlet of forty-eight pages is a criticism, read before the Psychological Society of Munich, of the evidence for telepathy afforded by the Report on the Census of Hallucinations published in the *Proceedings of the Society for Psychical Research*, Vol. X. (Part XXVI.).

The author in his preface characterises the discussion of the subject in this Report, as "the most important attempt yet made to prove the existence of telepathy." This was not the view taken of it by the Committee responsible for the work. To them the most important evidence appeared to be, first, the experimental evidence published at various times in the *Proceedings* and in *Phantasms of the Living*; and secondly, the large collection of spontaneous cases published in *Phantasms of the Living* and since added to. Experience had already shown them that evidence equal to this, either in quantity or quality, could not be expected from a body of seventeen thousand persons chosen at random; and accordingly the object in the part of the Report which deals with telepathy was to contribute to the proof of its existence, not so much by accumulating fresh evidence as by supplying a more complete answer to one of the objections urged against the evidence from spontaneous cases,—the objection that the coincidences are accidental.

Herr Parish has, however, evidently given more attention to our work than our opponents usually vouchsafe to it. He in the main does justice to the care with which the Committee endeavoured to carry out their task; and gives a good short account of their method (pp. 10-17). Nevertheless, he dissents from their conclusion. He admits that the difficulties and objections he urged in his work on Hallucinations and Illusions¹ against the telepathic interpretation of certain results of the "census," are most of them found to have little weight in the light of the since-published full report of the Committee. Either they are removed by facts not known to him at the time he advanced them, or they have been considered by the Committee themselves and shown not to affect their general conclusion (p. 17). He still thinks, however, that certain considerations, based on the material furnished by the census of hallucinations itself, can be shown to overthrow

¹ *Über die Trugwahrnehmung.* Leipzig, 1894. This work, published before the Report of the Census of Hallucinations came out, was reviewed in *Proceedings*, Vol. XI., p. 162. It has since been translated into English and published in the Contemporary Science Series under the name of *Hallucinations and Illusions: A study of the fallacies of Perception.* Most of the additional discussion contained in the pamphlet now under review, and other matter arising out of the Census Report, was included in the English edition, where, however, it is not always worked into the earlier matter with complete success.

the evidence for telepathy afforded by it. To these arguments I shall endeavour to reply. He deals with them in order of importance, beginning with that to which he attaches least weight. Put briefly they are as follows.

(1) A person who, in good faith, reports himself to have experienced a hallucination of the senses, may very often be really suffering from an illusion of memory,—a “retro-active hallucination” (p. 17).

(2) Given that a hallucination of the senses really occurred, it is very questionable whether the point (*e.g.*, the recognition of the figure) which chiefly connects it with the coinciding death or other event, has not been imported into it afterwards by “memory-adaptation” (p. 18).

(3) He believes that the choice, as the object of statistical enquiry, of waking hallucinations of persons in good health, is itself the reason why there appear to be too many coincidences to be explained by chance (p. 23), because (p. 25) the coincidence causes what might otherwise be remembered only as a dream to be remembered as a waking hallucination.

(4) The content of a hallucination may be due to association of ideas, and if this possibility be not excluded—and it is practically impossible to exclude it—we are not justified in attributing the hallucination to a telepathic impact (pp. 40-45).

The first three of these objections all turn on supposed defects of memory, and are all, by implication at least, dealt with in Chapter XII. of the Report on the Census of Hallucinations. It is there said (pp. 210-211), “There are two questions to ask about each case. (1) Have we good reason to believe that the hallucination really occurred within twelve hours of the death? (2) Have we good reason to believe that it was recognised before the death was known, and not merely, having been unrecognised at the time, assumed afterwards to have represented the decedent because of the coincidence?” The first of these questions covers the ground of Herr Parish’s first objection, and also of his third, though there are points in this last which we shall have to return to and consider in more detail. The second of our questions covers the ground of Herr Parish’s second objection. The Report goes on to point out that the best guarantee against both kinds of exaggeration is a written note of the hallucination made before the death was known, and that confirmation may also be afforded by evidence of the hallucination having been mentioned to another person, or of action of some kind having been taken on it before the death was known. And in a large number of cases we have confirmation of this kind.

There is a curious disagreement between the writers of the Report and Herr Parish in connection with the second question. They say that, though the remembering of an unrecognised figure as a recognised one is an error against which we ought to be on our guard, yet it is one of which we have no proved instances. Herr Parish on the other hand finds in the Report itself instances of what had, he says, previously been with him mere conjecture; and he quotes and discusses three of these. I have carefully examined these three again and endeavoured to see why they affect Herr Parish and the

Committee so differently, but I am bound to say that I fail to discover where Herr Parish finds the proof that recognition was read into them afterwards.

It will be instructive to discuss some points in these three cases a little more fully. Two of them—the experiences of Dr. H. C. (*Proceedings*, Vol. X., p. 117) and of Dr. Jamieson (*Proceedings*, Vol. X., p. 265), are frankly described as unrecognised from beginning to end, so that there seems to be no room for memory-adaptation. Dr. H. C., it is true, says he at one time connected the hallucination with a death that occurred some days later, but there is no reason to suppose that he ever thought he had recognised the figure.¹ Dr. Jamieson connected the figure with the death, when he heard of the latter, because of the coincidence of time, and because all that was discerned—a female figure of medium height—corresponded with the appearance of the decedent, not because he imagined that he had recognised it. In the third case, Countess Kapnist (*Proceedings*, Vol. X., p. 284) describes herself as experiencing that kind of half recognition of the apparition with which we are all familiar when we recognise a face but cannot put a name to it. She felt it represented some one she knew, but could not think who it was till the news of the death brought the person to her mind. In dealing with a real person the genuineness of the half recognition may often be verified because, when we do succeed in putting the name and face together, we may ascertain that the person seen was really the owner of the name. In the case of an apparition no such verification is possible, and therefore for evidential purposes we must treat it as unrecognised. But we may observe that Countess Kapnist's description of the phantasm appears to have resembled the dying person with whom it was afterwards connected, sufficiently for her sister to agree as to the resemblance.

It seems to be only in a quasi-coincidental case that this kind of deferred recognition strikes Herr Parish as suspiciously suggestive of, and even proving, memory-adaptation. An instance of it given in the Report (Vol. X., p. 143) as a case where the content of the hallucination, as afterwards recognised, can be traced to definite associations of ideas, appears to him to be very interesting from the latter point of view (p. 42).²

¹ His words are: "five days before the death of a lady whom I used to connect in my mind with my vision. But I did not do this when I related my story in the morning, nor till after the death of the lady; and I now reject this connection as a fanciful addendum." This does not justify Herr Parish's statement (p. 20) "dass die hallucinierte Gestalt während fünf Tagen unerkannt blieb, dass aber in Folge einer aufregenden Todesnachricht, die Gesichtstäuschung sich sofort adaptierte." Merely to connect a vision and a death is a very different thing from the act of recognition, and if an illusion of memory led a man to believe falsely that he had recognised a figure, it is difficult to see how he could believe afterwards, without positive evidence to the contrary, that he had not recognised it.

² In this case the percipient saw very clearly and definitely a hallucinatory figure, and was a good deal disturbed by her inability to put a name to it. About a week later it suddenly struck her that it had been the figure and face of a certain Mrs. Beasant whom she had known years before. She believes that this particular person was brought to her mind by complicated associations of ideas arising from recent annoyance connected with another woman of the same name, a storm raging at the time, and a tree falling on the house a little time before. Mrs. Beasant had been killed by a falling tree.

Unless I have misunderstood Herr Parish, I think that some of his observations on these cases betray a certain confusion of thought as to the purely subjective character of apparitions, whether veridical or not. There is a tendency in sensory hallucinations, as is pointed out in the Report, to take a realistic form—to look as real figures or objects would look in the same place and the same light. Thus in a good light the hallucinatory figure will generally look clear and distinct, and in a dim light is not unlikely to be correspondingly incompletely seen. This is doubtless an effect of self-suggestion. It was thus perhaps more probable than not that a hallucination seen by Dr. Jamieson in the almost darkness of 7.30 a.m. on the 24th of December at Edinburgh¹ would be seen as he would have seen a real person under similar circumstances, namely, as a dark figure without recognisable features. At the same time there is no difficulty in a hallucination appearing as a physical object could not, *e.g.*, coloured in a faint light, as Countess Kapnist describes hers as doing. So to describe a real figure would be a contradiction in terms, and Herr Parish writes as though the same contradiction existed in the description of the hallucinatory figure and afforded evidence of confusion due to pseudo-memory. But there is no reason to suppose this, since a hallucination cannot be affected by the state of the light except so far as the latter may act suggestively on the mind of the seer.

When a hallucination is indefinite as Dr. Jamieson's was, an interesting psychological question arises about it. Was the indefiniteness due to vagueness in the underlying mental impression, or was it due to defective externalisation of a definite subconscious impression? The question seems to Herr Parish absurd (see footnote, p. 22) but here again I think he shows a want of complete grasp of the purely subjective character of the hallucinatory process. According to the provisional conception that we have formed of the process of telepathic hallucination, there are three stages involved in it: first a subconscious mental impression of some kind, then the externalisation of this as a hallucination, and, thirdly, the suggestion by that hallucination of conscious ideas and judgments. Of the first stage we have, in the case of spontaneous hallucinations, no direct evidence; but the supposition of it is supported by the case of post-hypnotic hallucinations where we are able to trace all the steps of the process. A good hypnotic subject can be told that he will see a certain person or thing at a certain hour, and though he knows nothing of this suggestion when roused from the hypnotic trance, will punctually see the hallucinatory form suggested. The experiment is so familiar to students of the subject that it seems almost impertinent to give instances, but I may perhaps refer the reader to a striking example reported in a paper by Mr. Gurney on *Recent Experiments in Hypnotism* (*Proceedings*, Vol. V., pp. 12, 13).

Granting these three stages in the hallucinatory process it seems reasonable to suppose that indefiniteness may enter into it at any of them; *i.e.*, either (1) the original mental impression may itself be vague, or (2) it may be externalised in a vague hallucination, or (3) a clear externalisation

¹ The sun rises on that day at 8.47 according to an Edinburgh almanac.

may, as in Countess Kapnist's case, be incompletely or erroneously interpreted. Here, again, we can appeal to hypnotic experiments. I will give first a case where the vagueness in the hallucination was doubtless due to vagueness in the original idea. It is an account of an experiment made by Mr. Myers, and is described in a paper by him on the *Subliminal Consciousness* (*Proceedings*, Vol. VIII., p. 460). Mr. Myers writes:—

“Next time I suggested a *hippopotamus*—an animal which P. had never seen in the flesh. On being awakened he saw on the card what he called a *rhinoceros*. He complained that it was rather indistinct; he was not sure whether it had horns or tusks. There is a certain interest in this as indicating that the hallucination was founded upon a mental picture suggested by my words, rather than on the words themselves. One might have supposed that, since my whole suggestion consisted of the word *hippopotamus*, the awakened subject, however vaguely he saw the beast, would have known that it was meant for a hippopotamus. But the picture, vague as it was, seemed to be more communicable from the hypnotic to the supraliminal self than the word which had originally generated it. A *picture* was what had been ordered, and a picture came.”

The same series of experiments furnishes a case where the suggested idea must have been clearly apprehended by the percipient, but where part of it failed to externalise itself so as to be consciously recognised. Mr. Myers told T. (hypnotised) that at Barnum's circus there was a race of ponies with monkeys on their backs. T. was awakened and set to gaze into a glass of water. He said, “Look, there's something going round and round in the water . . . it's horses—they're horses going round and round—they've got something small on their backs, not so big as those girls who jump through hoops. It's like a circus.” The idea was externalised as a hallucination, but not clearly enough for the monkeys to be recognised as such. In many of the experiments tried by myself and Miss Johnson and described in the same volume of the *Proceedings* (Vol. VIII.), similar indistinctness was exhibited in the initial stages of hallucinations which afterwards became clear. Here is one (p. 565, No. 19) in which there was initial incomplete externalisation which ultimately developed itself on wrong lines.¹ I select it because it affords an example of arrested development due to the suggestion of physical limitations—the edge of the card—which is analogous to what I suppose may be produced by the dim light in cases like Dr. Jamieson's. It was intended that P. should see on a blank card a picture of a vase with flowers. He said:—

“I see something round, like a round ring. I can see some straight things from the round thing. I think it's a glass—it goes up. I'll tell you what it is; it must be a pot—a flower pot—you know, with things growing in it. I only guessed that, because you don't see things growing out of a glass. It's not clear at the top yet. You see something going up and you can't see the top, because of the edge of the paper—it's cut

¹ There was a possible reason for this, which is pointed out in the account from which I quote, but I omit it here as irrelevant to the present discussion.

off. I don't wonder, because it's no good wondering what Mr. Smith¹ does, he does such funny things. I should fancy it might be a geranium, but there's only sticks, so you can't tell."

Here again is an example with the same percipient in which an apparently clear hallucination is misinterpreted. It was intended that P. should see on his blank card a picture of a choir boy. (*Proceedings*, Vol. VIII., p. 565, No. 18). He said :—

"Edge of card's going a dark colour. Somebody dressed up in white, eh? Can see something all white; edge all black, and like a figure in the middle. There's his hands up" (making a gesture to show the attitude) "like a ghost or something—you couldn't mistake it for anything but a ghost. It's not getting any better, it's fading—no, it's still there. It might frighten any one."

Some more complicated and very amusing instances of misinterpretation will be found among Mr. Myers' experiments before mentioned (*Proceedings*, Vol. VIII., pp. 459-462).

Of course in a case like Dr. Jamieson's it is impossible to determine at which of the first two stages the indefiniteness began. By hypnotising a person who had just had an indefinite hallucination the subconscious impression might be arrived at, but it would have to be done before coincidence or any process of reflection had suggested an interpretation.

Let us now return to Herr Parish's third objection, his hypothesis that coincidental cases are remembered as waking hallucinations in greater proportion than non-coincidental cases. He is concerned first to establish that, since sensory hallucinations occur only when the percipient is in a state of "dissociation," there are, properly speaking, no such things as waking hallucinations at all. This appears to me to be a mere question of words. No one probably would maintain that while a sensory hallucination is experienced, the brain of the percipient is working in a perfectly normal way. We may, if we like, call its condition a condition of dissociation; and the question what characterises that condition besides the experiencing of a hallucination, and whether any physiological conditions special to sleep are always present, is an interesting one for physiologists.² We may further admit with Mr. Gurney the psychological identity of dreams and waking hallucinations. "One step farther," he says, "and we realise the complete continuity of the waking and the sleeping phenomena. Dreams are by far the most familiar instances of the projection by the mind of images that are mistaken for realities: indeed, it is just because they are so familiar, and waking hallucinations comparatively so rare, that there is a danger of overlooking the psychological identity of the two classes." (*Phantasms of the Living*, Vol. I., p. 484). We may even admit, as we do in Chapter IV. of the Report, the difficulty in some cases of deciding whether they should be

¹ The hypnotist.

² Herr Parish continually refers to the frequent absence of surprise or other appropriate emotion, when an apparition is seen, as evidence of a state of "dissociation." This is one of the things that suggests a close connection between apparitions and dreams, but it does not necessarily suggest the physiological or psychological condition of sleep.

classed as waking or sleeping experiences. But all this is irrelevant as regards the present discussion. For it is not denied, even by Herr Parish, that the percipient may not be aware, either at the time or afterwards, of his condition of "dissociation," so that the hallucination, though it really occurred when he was not fully awake, may leave in his recollection a kind of waking quality (*Wachqualität*). Or, as Herr Parish shortly expresses his view, "Dream phenomena and waking hallucinations are in recollection quite different in character; in reality, at the moment of their occurrence, they are identical." (p. 24.) Now all that we are concerned with from the statistical point of view is the percipient's classification of his experience. He must, after it is over, and when he is in a completely wakeful and normal state, attribute to it the waking quality,—recollect and class it as a waking hallucination. It was in order to avoid any begging of the very question Herr Parish raises, that, in collecting the statistics, we inquired—not as to the fact of the percipient's being awake when the hallucination occurred—but as to his belief about it. Of course assurance is required that the classification was made immediately; that the percipient believed, as soon as he was able to reflect on the hallucination as a past experience, that he was awake while it occurred and had not awoken from it; and, in particular, in coincidental cases assurance is required that the waking quality was attributed to the experience before the coincidence was known. But this assurance is obtained by evidence of precisely the same kind as that which leads us to believe that the hallucination occurred at the time stated, or represented the person stated, or anything else about it.

Herr Parish's contention is that the peculiar memory illusion involved in believing later that an experience was a waking hallucination which immediately after its occurrence was classed as a dream, is specially liable to befall a dreamer after the knowledge of a coinciding external event has reached him. If he could establish this and if, further, he could show that we had not taken sufficient precautions against this source of error, he would have revealed a serious flaw in our evidence. But he has not attempted to do so. All he has tried to show is—what, as I have already said, is really irrelevant as regards evidence for telepathy—that almost all the accounts given of supposed waking hallucinations suggest to some extent what he calls "dissociation." For this purpose he takes, as a sample of the collection, the death coincidences given in Chapter XII. of the *Report*.¹ I propose, at the risk of boring the reader, to follow him through these cases, with a view to showing what the grounds are for believing that they were classed as waking hallucinations before the coincidence was known; and incidentally to show that there undoubtedly are hallucinations which occur when the percipient is in a condition which, whatever its physiological characteristics may be,

¹ Herr Parish, when he begins to discuss these cases (p. 27), rightly presents them as, from the point of view in question, an unselected group and therefore a fair sample of the whole. Later, at page 39, he seems less clear about this, claiming to have proved the practical impossibility of distinguishing waking hallucinations from dreams—not on doubtful cases on the margin (*einzelne Grenzfälle und Beispiele eines flüssigen Uebergangs*) but on the twenty-six best cases evidentially (*bestbeglaubigten Fälle*). But these twenty-six cases are those which seemed to the Committee to be on the whole the best cases, evidentially, of death coincidences—not the twenty-six cases exhibiting most strikingly the waking quality.

does not, from the point of view of the percipient himself or those with him, resemble sleep or half sleep, or drowsiness.

The first case referred to is that of Mr. S. Walker Anderson (*Report*, p. 211) who saw his aunt on the day of her death. Mr. Anderson was in bed, but as he believes fully awake. He distinguishes clearly between this experience and others in which he does not think he was awake (*Report*, p. 382). The experience led Mr. Anderson to believe that his aunt was dead and he mentioned this to his wife and they both made notes of the fact. Is it likely that, when some time later the news of the death came, this confirmation of the anticipated coincidence should produce a memory illusion that what he had previously believed to be a dream was a waking hallucination?

This percipient had another experience—not coincidental—which is referred to by Herr Parish. While crossing a river his horse was carried down the stream unable to swim across; he had given himself up for lost, when he saw his aunt standing on a floating tree. He felt the apparition to be an indication that he was to leave the horse and seize hold of the tree, which he did, and was carried safe to the bank (*Report*, p. 382). Under such circumstances as these, could the percipient regard himself as having been otherwise than fully awake?

Herr Parish's next case is that of Mrs. J. P. Smith, (*Report*, p. 214). This is one of those cases near the line between waking and sleeping which we found difficult to classify. The difficulty and the line adopted are discussed and illustrated in Chapter IV. of the *Report*, pp. 71, 72, where a very similar non-veridical case (729. 17) is given. The reason for adopting Mrs. Smith's classification of the experience as a waking hallucination is that she got up and followed the figure out of the room. This detail is not likely to have been introduced by a memory illusion when the coincidence became known.

The third case discussed is Mrs. Baldwin's (*Report*, p. 217). Herr Parish omits to mention that while the vision persisted Mrs. Baldwin described it to her husband. Under these circumstances they could not either of them be expected to regard her as otherwise than awake. Herr Parish may suggest that there was here a further memory illusion and that she did not describe it to her husband at the time at all. To this I can only reply that I myself discussed the question with Mrs. Baldwin, that her memory on the point was perfectly distinct, and that her daughter, whom I also saw, had heard a similar account from her father, now dead.

Herr Parish's fourth case is that of Madame Obalecheff. (*Report*, p. 218.) That she was at the time awake in the ordinary sense of the word, and believed herself to have been so, is shown by her assumption that the servant was sharing her experience and by her asking her husband to examine the adjoining room to make sure that her brother-in-law in person was not there.

The next experience—Miss S.R.R.'s (*Report*, p. 234)—is an unusual one because of its persistency, or recurrence whenever, through the night, the percipient looked in a particular direction. The location of the figure in a particular part of the room, and the sense of turning round to see it, seem to indicate a waking quality which it is gratuitous to suppose was

imported into the experience afterwards ; especially as the conviction at the time was clear that it meant that her sister was dead, so that the confirmation of this would give no shock of surprise, or new importance to the experience. The details, I may remark, are less confused and dreamlike than Herr Parish supposes. He has not quite understood the narrative. There is no mention in it of a bier ("Bahre.") Professor Sidgwick questioned the percipient as to the position, etc., of the figure seen, with a view to ascertaining whether it was likely that the experience had been an illusion (which is what its persistence and the dim light suggested). He ascertained that by her bed was a long chest (real, not hallucinatory) made of cedar wood ; that on this she first saw something white, which developed into a figure of her sister lying dead in bed with her arm outside the bed clothes. The chest had no covering of any kind on it which could have formed the basis of an illusion of any ordinary kind ; the place of the bare chest was taken by a hallucinatory bed with the sister lying in it, her face distinctly seen.

The next nine cases¹ may be taken together, as the facts supporting the view that the experience was at the time regarded as a waking one are in each case immediate action or immediate communication to another person. Thus Mr. Beer "was so disturbed [by the apparition] that he got up and told a footman of it in an adjoining room." Dr. B. G. woke his wife, told her what he had seen and asked her to look at the watch. Mrs. C. S. "pressed her [friend's] arm and whispered the fact and hour to her as a witness to the truth of it." Mrs. A. immediately told another woman in the room, who was talking to her at the time, what she had just seen (her father's hand) ; and her impression that a misfortune awaited her was so strong that, though she had only that day arrived, she started on the return journey early the next morning. Mrs. Murray woke her husband, told him whom she had seen, and he searched the room and house, to discover if a real person had been there. In Mr. and Mrs. Sims' case the apparition is stated to have been collective ; they must therefore have compared notes and known at the time that they believed themselves to be awake. Mr. Cass said to his wife at the time, "my sister Isabella is dead, I have just seen her pass through the room." Miss J. E. L., after seeing her friend, got out of bed and looked at the hour ; it was between 6 and 7 o'clock. Mr. J. H. woke his brothers who were sleeping in the same room with him, but they could not see anything.

Herr Parish then proceeds to consider a series of cases which he regards as strongly suggestive of Crystal-vision.² This may afford evidence of "dissociation," but from our point of view it establishes the cases as waking hallucinations, for crystal-vision appears, both to the percipient and to those with him, to be a waking experience. To these he adds cases where the percipient was sewing or reading,³ occupations which also, as a rule, betoken

¹ 645. 11, (p. 233) ; 725. 6, (p. 237) ; 385. 20, (p. 239) ; 579. 25, (p. 241) ; 307. 20, (p. 229) ; 418. 4, (p. 230) ; 523. 12, (p. 231) ; 215. 9, (p. 224) ; 630. 5, (p. 227).

² Cases 571. 14, (p. 237) ; 452. 10 (second case), (p. 238) ; 328. 5, (p. 235) ; 191. 3 (p. 240).

³ Cases 579. 24 (p. 223) ; 83. 21, (p. 228) ; 730. 24, (p. 233) ; 442. 17, (p. 213).

what is ordinarily called a waking condition ; moreover in each of them the percipient immediately spoke of the experience to a companion.

Herr Parish thus establishes to his satisfaction reasons from internal evidence for suspecting "dissociation" in twenty-one out of twenty-six cases. I think that I may claim to have shown that whether there was "dissociation" or not, the percipients classed their experiences as waking experiences, and that the ground for believing that they did this before the coincidence was known is in every case strong.

Herr Parish believes that the fact that there are not similar indications of "dissociation" in the remaining five of the twenty-six cases is principally due to the Committee not having specially inquired about such indications. If they had, he thinks indications would have been brought to light in more cases. But so far as dissociation means absence of wakefulness, facts bearing on it were very carefully inquired into by the Committee, for it was of extreme importance from the statistical point of view to know the broad fact that the experiences had really the "waking quality." Evidence about the more subtle questions in the physiology and psychology of hallucinations must be obtained from experiments, and from critical observations of their own experiences by intelligent observers. Many cases published by the S.P.R., both in connection with the statistical inquiry reported in Volume X. of the *Proceedings* and otherwise, afford a valuable contribution towards material for a study of the subject ; but to hope to elicit from informants reliable details about things to which their attention had never before been drawn concerning experiences often remote, is futile. Herr Parish practically admits this, and is all the more pleased at having found indications of "dissociation" in so many cases. What he—rightly or wrongly—regards as indications, however, are for the most part somewhat marked facts about the percipient's position or occupation at the time of the experience ; such as his having been in bed, or reading, or sewing. Facts such as these a percipient is likely to remember in connection with a striking experience, and an account must be meagre indeed which failed to answer the Committee's question, "How were you occupied at the time?" I refer to this now because at this point of his argument (p. 38) Herr Parish goes out of his way to introduce, as evidence of the influence of time in obliterating the circumstances accompanying hallucinations, a table in the Report which is differently interpreted by the Committee ; and his criticisms seem to call for some reply. The table is the one on p. 66 of the *Report*. It shows that supposed apparitions of living persons of which the accompanying conditions exhibit one of three specified characteristics suggesting that the figure seen may have been a real person and not a hallucination at all, are forgotten more rapidly than the mass of apparitions of living persons. Herr Parish thinks that it probably is not the whole experience, but the specified accompanying circumstances which are forgotten. I cannot agree with him—not because I do not think that the memory of apparitions fades and loses in definiteness like the memory of other things—but because, for one thing, the specified circumstances seem to me such as almost must be observed and, if the experience is remembered at all, remembered. They are¹

¹ *Report*, p. 64.

(1) the seeing of the figure at some distance either out of doors or in a public room ; (2) seeing the figure passing outside the door of the room in which the percipient is, or seeing it inside a room as the percipient passes the door ; (3) seeing it in a bad light, without any positive circumstances which show that a real person could not have been there. But secondly, the Committee does not base its conclusion that cases having these characteristics are forgotten or ignored more than others only on their occurrence in smaller proportion in the reports of remoter years. This conclusion was strongly confirmed by finding that if cases having these characteristics were omitted from among those that occurred *within the last three months*, the remainder were distributed fairly evenly over that period. So that, so far as the evidence went,¹ it seemed to show that within that period almost the whole brunt of the effect of oblivion was borne by those cases. If this were not due to the experience being forgotten or ignored as a whole, we should have to suppose that the very marked specified characteristics were specially liable to be forgotten ; or rather—as our percipients almost all describe some conditions—mis-remembered. We should have to suppose, for instance, that a person who had within the last three months seen a supposed apparition at some distance out of doors would be apt to remember it as having occurred in his room.

The question is chiefly of interest as bearing on the whole number of waking hallucinations that occur. It does not materially affect our conclusions as to the evidence for telepathy. The argument for this may, if it is preferred, be based on the assumption that these “suspicious” cases are as real as others, and the number of reported cases be multiplied by six and a-half instead of four as the correction for oblivion. (See *Report*, p. 247.)

I now come to what Herr Parish considers to be his chief and most important objection to the argument from the census for the operation of telepathy. It is, I think, fairly represented in my description of it at the beginning of this article. The content of a hallucination may be due to association of ideas, and if this possibility be not excluded, and it is practically impossible to exclude it, we are not justified in attributing the hallucination to a telepathic impact. He states his general principle in a more comprehensive form thus : “If the content of a hallucination can be traced to certain content-forming elements, it is not legitimate to regard the hallucination as the outcome of another heterogeneous chain of causes” (p. 40). He adds, however, that our Committee has endeavoured to show that there are cases where certain content-forming factors,—*e.g.*, anxiety and verbal suggestion—are excluded, or can be shown to afford an insufficient explanation. But, strange to say, they have overlooked one factor, namely, association of ideas. He attributes this strange oversight to a want of a clear perception of the distinction between the circumstances which produce the condition in which a hallucination is liable to occur and the circumstances which determine the content of the hallucination. Anxiety about a person

¹ If the Committee had been dealing here with a sufficient number of cases to make it certain that the element of chance was excluded, the inference drawn would have been an established fact. What prevents our accepting the conclusion as a certainty is not any weakness in the reasoning, but the small number of cases to which it is applied.

who is ill may operate both as a hallucination-favouring condition and as a determinant of the form of a hallucination. It thus naturally attracted attention ; while association of ideas—which cannot cause hallucinations, but only determine the content—did not. This Herr Parish thinks the more unfortunate, as in his view it is the content of the hallucination alone that we are concerned with in the numerical comparison of coincidental and non-coincidental cases.

To a member of the Committee, and I venture to think to most careful readers of the *Report*, all this is very surprising. We were under the impression that throughout Chapters VI. and X. the effect of the percipient's ideas on the form of the hallucination was constantly urged on the attention of the reader ; that instances of the same thing occurred and were considered in other chapters ; and moreover that the very instances quoted by Herr Parish to illustrate the effect of association of ideas are quoted and referred to in the *Report* in the same connection.

To me it seems probable that association of ideas plays at least some part in the construction of every hallucination. Even when there is good reason to attribute the fundamental idea of the hallucination—the idea of the person seen—to telepathy, the attitude and dress and the apparent position of the figure in space seem generally to be due to association of ideas. The grounds for thinking so seem to me to be strong—what evidence there is for reciprocal action between agent and percipient and for telepathic clairvoyance notwithstanding—if we consider on the one hand (1) the extremely meagre amount of information conveyed, as a rule, to the percipient by a telepathic hallucination, and (2) the way the hallucination fits into his ordinary surroundings ; and on the other hand the rôle obviously played in hypnotic hallucinations by association of ideas working on the ideas originally put into the percipient's mind by the hypnotiser.

But interesting and important as is the effect of association of ideas on hallucinations, it has no bearing on the question whether the coincidence of apparitions with the death of the person seen can be attributed to chance or whether, on the contrary, there is a causal connection between the death and the hallucination. In the first place we are not concerned only with the content of the hallucination ; we are concerned with the hallucination *and* its content. In the second place Herr Parish's general principle cannot be maintained. The known existence of one series of causes leading up to an event does not exclude the operation of another series of causes, unless the first series can be shown to be absolutely necessary and sufficient under all conditions. The fact that we caught a catarrh by sitting in a draught does not prevent the catarrh being due to a microbe. If we can show that a certain microbe is capable under favourable conditions of producing catarrh, and that when catarrh occurs the microbe is always present in the organism, then the connection of microbe and catarrh is established, and a strong presumption that the microbe is necessary to the catarrh. If we can further show that sitting in a draught is followed by catarrh much more often than would happen by chance, it follows that there must be a causal connection between sitting in a draught and a catarrh. It is not necessary, in order to prove this, that sitting in a draught should always be followed by catarrh, nor that a catarrh should invariably be preceded by

the sitting in a draught ; nor is it necessary that we should know how the draught tends to produce the catarrh. Moreover, if the draught is a *vera causa* of the catarrh in certain cases, it follows that, unless the draught introduces the microbe into the organism, the microbe is not by itself and unconditionally a sufficient cause of the catarrh. It must have favourable conditions, and the draught is one way among others in which the favourable conditions are brought about. Similarly if visual hallucinations coincide with the death of the person seen much more often than would happen by chance, there must be some causal connection between the two events. This is all that the statistical inquiry attempts to prove ; and this conclusion is not affected by any number of other conditions which may be found necessary or favourable to the production of visual hallucinations representing recognised human beings.

But I need not reiterate this. Herr Parish does not in fact deny it, though in some of his reasoning he seems to do so. On page 45 he gives us his real conclusion, which is that, as it is not legitimate to assume a causal connection between the death and the hallucination, we must turn the statistical argument round. We must assume that if, as the Committee concluded after allowing for selection and exaggeration,¹ thirty death coincidences occurred among the experiences of 17,000² informants, then, since 1 in 19000 is the number of such coincidences that chance would produce, the real number of apparitions of living persons seen must have been 19000×30 or 570000. As therefore, they report only 350, 569659, or 1627 out of every 1628, must have been forgotten or ignored. This, it will be observed, involves the almost immediate forgetting of a large proportion of the waking hallucinations that occur. The experiences are distributed over thirty years, so that in Herr Parish's view they occurred at the rate of 19,000 per annum, and of 19000 divided by 26, or approximately 730, per fortnight. Now the number of visual hallucinations of all kinds (not only apparitions of living persons) reported by our informants as having occurred to them within the most recent fortnight is twelve ;³ they must therefore, on Herr Parish's supposition, have forgotten or ignored at least 718,—or more than 98 per cent. of those which had occurred to them a fortnight or less before they were asked if they had ever experienced one !

If Herr Parish finds himself able to adopt so extravagant a conclusion there is no more to be said. But why did he take the trouble to write this long and elaborate criticism ?

ELEANOR MILDRED SIDGWICK.

¹ The number reported was 62. Herr Parish on p. 15 of his pamphlet attributes the Committee's reduction of sixty-two death coincidences to thirty to allowance for selection by the collectors. The Committee, however, for reasons given by them, regard eight as an ample allowance for this possible source of error, and allow twenty-two, also for reasons given, for possible exaggeration by the percipients as to the closeness of the coincidence, etc. (See *Report*, pp. 242-3).

² Herr Parish prefers to operate at this point of his argument with round numbers—20,000 informants, 50 coincidences, 500 apparitions of the living—but I have thought it more convenient to adhere to the actual numbers.

³ See *Report*, p. 63.

Demon Possession and Allied Themes. By JOHN L. NEVIUS, D.D. Edited by HENRY W. RANKIN. Second Edition, F. H. Revell Co., 1896, pp. 520.

Dr. Nevius was for forty years a missionary in China. Early in his ministry he found that demon possession is a common occurrence among the Chinese and although he was able to observe in person one case only, he succeeded in collecting a large amount of information about the phenomena and the construction put upon them by the natives. This material forms the basis of the book in hand.

A few illustrations will serve to give a conception of its general character. The second case is that of a mountaineer, Kwo by name, who gives an account of his own experiences. He had been arranging for the household worship of the Goddess Wang-Muniang, when one night he dreamed that the goddess appeared to him and announced that she had taken up her abode in his house. This was followed after the lapse of a few days by a feeling of restlessness coupled with an irrational impulse to gamble; his mind became confused, memory was impaired. He was then seized by an epileptiform attack, to which succeeded mania with homicidal impulses. The "demon" proclaimed its presence, demanded worship. Upon compliance with its demands it departed. For some months the "demon" reappeared at intervals, promised to heal disease. Kwo notes that "many diseases were not under its control, and it seemed as if it could perfectly cure only such as were inflicted by spirits"—a significant remark. When the sufferer became a Christian, the "demon" disappeared saying "This is no place for me."

Case 3 is narrated by a native Christian. He described the patient as "sitting up, her eyes closed, with a fluttering motion of the eyelids, her countenance like one weeping and the fingers of both hands tightly clenched. She would allow no one to straighten her closed fingers. I then, hardly expecting an answer, as the woman had hitherto been speechless, said to the demon: 'Have you no fear of God? Why do you come here to afflict this woman?' To this I received instantly the following reply:

'Tien-pu Yia-su puh Kwan an,
Wo tsai che-li tsih pa nian,
Ni iao nien wo, nan shang nan,
Pi iao keh wo pa-shin ngan.'

(Translation)

'God and Christ will not interfere. I have been here seven or eight years: and I claim this as my resting place. You cannot get rid of me.'" This patient was relieved by prayer.

In several instances the "demon" claims identity with the spirit of some deceased human being. Thus in case 24 a bride on her wedding night was seized by what purported to be the spirit of a girl to whom her husband had been engaged, and who had drowned herself on account of the ill-treatment of her future mother-in-law. In other cases the "demon" claims to be one of the lower animals—*e. g.* in one which occurred in Japan,—page 105—it professed itself a fox.

The entire collection gives a most interesting glimpse of Chinese spiritism. We find the cult of spirits a recognised institution. "Physical phenomena"

are alleged to be matters of daily occurrence. Every village has its "medium." The "developing séance" has its counterpart (page 67). The medium sometimes goes into "quiet trance," and sometimes communication with the unseen world is effected by means of an instrument essentially identical with planchette (pages 48, 69).

Evidence of this sort is not without its value as going to show that spiritism is a growth indigenous to many countries, that it is a plausible interpretation of phenomena which occur spontaneously among all races and is not merely a mass of imposture based upon the "Rochester knockings" and peculiar to the last half of the nineteenth century. No one who believes that the natural basis of such a belief deserves thorough investigation will refuse to Dr. Nevius and his friend and editor, Mr. Henry W. Rankin, the gratitude due them for having put a mass of new information within reach. But if one goes further and asks what Dr. Nevius has done towards vindicating the popular interpretation of these phenomena, the reply cannot but be unfavourable.

Every page bears witness to the author's desire to be exact in description, unbiassed in interpretation, and just in criticism; it is rather his misfortune than his fault that he has fallen so far short of the mark in all three respects. Practically all his material rests upon the evidence of native—Chinese or Mongolian—witnesses. All are fully convinced of the diabolical origin of the phenomena, and without in the least impugning their good faith, we can scarcely accept their accounts as literally true and uncoloured by preconceptions. Such evidence can scarcely do more than supply illustrations of facts already independently established.

Of alleged supernormal phenomena the book is almost barren. One case of a "Poltergeist" rests solely upon the evidence of Mongolians, whom the missionary transmitting the account stigmatises as "so imbued, one and all, with the spirit of lying that I have found it useless to repeat what the most respectable say." In a few other cases it is claimed that the demoniac was possessed of supernormal knowledge and of the gift of healing, but no definite facts are given. It is consequently somewhat surprising to find Dr. Nevius claiming (page 190) that the possession of supernormal knowledge, and especially of the power of speaking languages unknown to the patient, is a differentiating mark of demon-possession as distinguished from hysteroleptic disorders.

Dr. Nevius's interpretation of the facts is what might be expected of a man of his antecedents. His creed already required of him a belief in the person and work of devils, and his experiences in China seem to have done no more than bring this intellectual assent to events of the past down into the realm of vivid conviction as to the happenings of the present. That once done his credulity is almost unlimited. He assents to the view of the early fathers that pagan divinities are but devils in disguise. Mohammed was a demoniac. The "bewitched" of Western Europe were demoniacs, inspired by the devil to utter false accusations against the innocent. "All his (Satan's) attributes as a deceiver, a liar, a murderer, and a false accuser, reappear conspicuously in this one transaction" (page 309). So of modern "Spiritualism," the marvels of which he seems to accept without serious question. Its Satanic origin is sufficiently proved by its anti-Christian

tendencies. The negative results of such an investigation as that of the Seybert Commission of the University of Pennsylvania are to be explained upon the hypothesis that "it is hardly reasonable to suppose that these demons would voluntarily, gratuitously and without restraint, submit themselves to an examination which might only serve to disclose their actual character" (page 317).

Dr. Nevius's criticism of other theories brings his limitations even more clearly to light. He refuses to group possession with the hystero-epilepsies on the ground that in possession we have secondary personalities and super-normal knowledge, whereas in merely pathological disorders we never find either. He does not seem to have understood the attempts to explain the phenomena upon psychological principles and, after giving a few quotations from James, Myers, Ribot, and Moll, contents himself with remarking, in effect, that these authorities do not agree and their explanations do not explain. Of the epoch-making work of Pierre Janet, Binet and their co-workers he says nothing, and seems ignorant of the phenomena of suggestion, especially of the psychical contagion that springs from collective or mass-suggestion. This is the line of work which has brought to light the graded series of phenomena between those of normal life and those of possession, amoking and the like.

Dr. Nevius failed to see that the evidence which is sufficient to bring a mass of phenomena under an accepted category may be wholly insufficient to establish the category. The evidence which he has collected may be subsumed under several categories with equal ease, but there is nothing in the evidence to determine us to the choice of the spiritistic rather than of another. That must be done by the more complex considerations that fix for each man his attitude towards the Universe.

WILLIAM ROMAINE NEWBOLD.

[November 11th, 1896.]

Studies in Psychical Research. By FRANK PODMORE, M.A. London: Kegan Paul, Trench, Trübner, & Co. New York: G. P. Putnam's Sons. 1897. pp. 458.

Mr. Podmore is, of course, responsible for his own conclusions in his work on the results attained, so far, by the Society for Psychical Research. He shines therefore with no borrowed light in "explanations." While sympathising with his determined efforts to keep things at their lowest level, to make the largest allowances for the mythopœic element in our fallen nature, I think that Mr. Podmore is too mythopœic himself. All our theories of all obscure processes or facts are essentially myths, stories which we tell ourselves in our attempt to account for the world. But we know that our theories are myths, till they are verified, and, if we are not spiritists, we keep the animistic element out of our explanations. Now Mr. Podmore's explanations of a number of alleged facts, or rather his explanation of "how such stories came to be told," do seem to me to be myths not verified, and, I fancy, perhaps not verifiable. He is none the less mythopœic because his inventions coincide in character with those of

irresponsible common sense. Examples will be given when we come to the chapters on Home, and on the Poltergeist. There Mr. Podmore seems to me to be sacrificing to common sense, which wants an explanation, and a normal explanation, and does not care whether it is verifiable, or even plausible or not. Why did we Researchers come forth from the world to hunt dark corners, if we are to carry the superstitions of the world into our researches? Our attitude, I think, should be that of pure agnosticism in cases where all is obscure. There are the stories of marvels filed for reference. If we meet with modern instances, we can compare them with the records; meanwhile, we can only explain the tales by unverifiable guesses, whether "psychical," "spiritual," or "sensible." It is much better, surely, not to fashion such ætiological myths, not to "pay ourselves with words."

Meanwhile I offer some jottings on Mr. Podmore's chapters. I believe (p. 1) that "hospitality to the marvellous" is more, not less, general than "in Dr. Johnson's day." The mere existence of the Society is a proof of that. The general mass of the "educated public" is "hospitable," and always has been, in regard to stories of experiences. But the general public has no inkling whatever of the trend of such stories in regard to philosophy. Men of physical science, as a rule, merely refuse to examine alleged facts, first, because, in the nature of the case, experiments in human faculty are incapable of constant and exact repetition in experiment; secondly, because an affirmative conclusion would upset a number of theories which are regarded with an almost theological jealousy. Moreover there are one or two awful examples of the debasing effect which psychical research produces in scientific minds, whether the controversialists take the affirmative or negative side. But this ought only to teach scientific men the imperative duty of cultivating logic, accuracy, and self-restraint. Meanwhile we Researchers are a little flock, engaged in quite novel work. In the last, and early in the present century, Kant, Hegel, Schelling, and, I think, Fichte, "went into these things a good deal." But Kant turned away with a sneer and a sigh, while Hegel calmly swallowed the whole mass of "facts" (except perhaps phantasms of the dead, and volatile furniture) and digested them by aid of his vast boa-constrictor of an universal philosophy. He was reckless of exact evidence, being convinced in his own mind. Our object of course, is to get the facts fit to go to a jury, before we philosophise. Nevertheless Mr. Myers's "subliminal self" deserves comparison with Hegel's *fühlende Seele*, both in its points of resemblance and of difference.

Mr. Podmore has easy sport with popular spiritualism, about which nothing need be said here. The movement, at best, produced examples of psychological anomalies, which were naturally ascribed to "spirits," and it incidentally encouraged the art of detecting imposture. Gasparin's experiments *laissent à désirer* in accuracy, Mr. Podmore thinks, and then we come to Home, Lord Crawford, and Sir W. Crookes. I have no theory of Home, but Mr. Podmore "explains" by dint of what I call myths. He is "not prepared with any cheap and ready solution of the problem," yet he offers solutions marvellously inexpensive. "The witnesses were to some extent hallucinated." Why all in the same way? By communicated "suggestions,"

I presume. There is, (1) Home's fire tricks. He "really took live coals out of the fire, and possibly on some occasions held them in his hand, protected by some non-conducting substance." This "substance" is a myth of Queen Enteleych! *What* substance? We might as well posit a spirit as talk of a "substance" unknown to science. Sir W. Crookes analysed the handkerchief which did not burn (much) when Home put a hot coal on it, and found no "non-conducting substance." He knows of no such substance *in rerum natura*. (*Proceedings* VI., 103). Perhaps Home "palmed" another handkerchief? Then he had been thoughtful enough to provide the substituted fogle with three similar, and similarly situated, slight marks of burning. Certainly, were I Sir W. Crookes, I could not swallow Mr. Podmore's explanation. Then how did Home get his non-conducting substance on to the hands of Lord Crawford and others, who could usually, but not always, take the coals with impunity from Home? An acquaintance of mine retains the mark of the blister. Was he so hallucinated that fancy produced a blister; a beautiful case for MM. Binet and Féré? Till Mr. Podmore exhibits his "non-conducting substance," he ranges in pure mythology. As for the fire trick, the Fijians did it publicly, in September, 1897, before a crowd of spectators from New Zealand. I may here refer to a mass of evidence in the chapter on "The Fire Walk" in my *Modern Mythology*. But I fear nobody will take the trouble to look at it; one is as a *vox clamantis in eremo*. (2) "When levitated, Home at least thrust his head and shoulders out of the window." (p. 121.) If he did, the three spectators could not see him do so through a brick wall! Home was in the next room, and returned to that where the spectators were by way of the window, seventy feet from the ground. (p. 52.) He then went out and in again, in the next room, to which the spectators had adjourned. Mr. Podmore has to imagine that three men of sense, Lord Crawford, Lord Adare, and Captain Wynne, were so "excited" that, when Home thrust his head out of window A, (which was to them invisible,) they all three believed they saw his whole body outside of window B, and that they then went to window B, in the next room, and fancied they saw Home emerge longitudinally, and re-enter. There is no use in citing here the illusions of "hypnotised boys;" these gentlemen had not been hypnotised. Their "strained expectation" could not see through a brick wall, and enable them to infer, in all cases, the same hallucinatory conclusions from what they saw. And if one of the three spectators was capable, as is alleged, of hallucinatory experiences, how did he communicate them to his friends? Of course you may say "suggestion," or "*chimera bombinans*." Obviously it should be proved, by experiment, that precisely *this* sort of suggestion is possible in persons not subjected definitely to hypnotism. Mr. Podmore's explanations (tentative of course) seem to me myths, and I must keep asking him to produce that "non-conducting substance." When Home was "levitated" or did fire tricks, "the light in the room was lessened." The light in the fire trick was given by a candle on the table, and one on the chimney piece, and by the fire. That is enough light whereby to see a man standing not a foot from you, with a red hot coal in his hands. Home also "passed his fingers several times through the candle flame so slowly that they must have been severely burnt under

ordinary circumstances." He anticipated Bernadette and the Miracle de Cierge. A candle would give light enough to see *that* by! Again, "when the gas was turned up," objects moved, while Home was "at a distance and his hands held." Alteration of weights was registered by a mechanical apparatus on smoked glass.

There are two other points to be urged against Mr. Podmore's theory that observers of Home were hallucinated. The Society's records contain plenty of "collective, so-called telepathic hallucinations." But surely these hallucinations offered visionary figures of persons and things not present in fact. Has Mr. Podmore one case, except Home's, of a collective hallucination in which a person actually present is the hallucination; floats in air, holds red-hot coals, and so forth,—appears outside of the window, for instance, when he is inside the room? Of course where conjuring is barred. Again, Home's marvels are attested by witnesses violently prejudiced against him, and (far from being attentively expectant) most anxious to detect and expose him. Mr. Hamilton Aïdé is an example. Mr. Podmore's theories do not give to himself much "mental satisfaction." They are not calculated to do so. It would be better to leave such explanations to popular science, and to admit that we are confronted by an enigma which we have no present means of answering. The performances of Mr. Moses are different. These things were "done in a corner." The "alleged spirit messages" of Mr. Moses, under Mr. Podmore's criticism, are seen to have no evidential cogency. The sprites rap out a story which has been in the *Daily Telegraph*, or in an old Annual Register! This makes one entertain the most lurid opinions about Mr. Moses's "physical phenomena." Perhaps he was only a humbug in a subliminal sense, when not quite himself. I am acquainted with a parallel case of combined imposture and self-belief in quite a different field,—I am not speaking of politics. The thing can exist, and that Mr. Moses was an example of the double mood is less incredible than that his miracles were genuine. Believing this, why do I remain agnostic in Home's case? Merely because Home's marvels were infinitely better observed and recorded than those of Mr. Moses.

As to the Poltergeist, Mr. Podmore's explanation of his first case seems to me on a level with his "non-conducting substance." The reader should compare Mr. Podmore's original version in *Proceedings*. There he abandons the hypothesis of "mechanical means." And if the "agent" was "a half-witted child of an imbecile mother," how could she do what could not be done by mechanical means? Is Mr. Podmore sure that the child was half-witted? And, if so, would that explain the first abnormal occurrence, when the child had not yet been received into the house? The child was aged eighteen. The thing began on February 20, or 21, and became a pest on March 1. Mr. Podmore was not on the spot till April 7. But he does not print the contemporary newspaper accounts, so that we may compare them with evidence collected on April 7. I have compared them, and very curious they are. The discrepancies in testimony at that date are exactly such as occur in all human evidence in the most ordinary affairs of life. Were they absent, we might be certain that the witnesses were in a concerted effort to deceive. If a policeman attests that he saw a bowl wobble slowly up into the air (as in this case), my judicial powers remain at a standstill.

But when this peculiar kind of movement is described by a consensus of independent evidence in many lands and ages, I cannot fly to "hallucination" for a theory, like Mr. Podmore, or to "sensory illusion, conditioned by the excited state of the percipient." If he is right, we have a new law of perception, "Podmore's Law," "percipients in an excited condition will see inanimate objects meandering with a mazy motion through air." Let me add that they will also feel and hear the objects descend softly and gently on themselves, or on the floor. How does "excitement" here, and now, and in the seventeenth century, in America, Germany, Russia, France, or in Galloway, produce this unanimity of hallucinated perception? It affects Sir W. Crookes and his friends, as it affected Mr. Telfer, of Rerrick, or William Morse, of New England, in 1680-90, or every one at Cideville, in 1851, exactly as it affected Policeman Higgs. White calls in that active and intelligent officer; "Here's a jolly turn up in my house," says he. Thereon the excited Higgs, with everybody present, is hallucinated exactly like our historical friends, or Sir W. Crookes, or Mr. Bristow when examining with a good deal of care, during six weeks, some odd phenomena in a carpenter's shop (*Proceedings* VII., 383-394). All these witnesses were unacquainted with the reports by Telfer, Glanvil, Cotton, and the rest. Their coincidence of testimony, to which I may add some given to myself by a person who was in no state of excitement at all, seems, *primâ facie*, rather evidence to facts than proof of Mr. Podmore's Law. I allude here to the testimony of a man who employed Esther Teed, the "Amherst Mystery," and who, while engaged in his normal stable and thinking of no such matter, beheld the phenomena attributed by Mr. Podmore to "a sensory illusion conditioned by an excited state." This explanation wins its way to the mythical. Every one must agree that the Poltergeist kind of occurrence is often the result of trickery, but cases like that at Worksop remain, I think, to be pigeon-holed for reference. Perhaps the most interesting point is the coincidence of testimony as to the peculiar flight of objects. It either attests a fact of observation; or proves that "excitement" is wonderfully uniform in its production of sensory illusions. The discovery of this psychological law would alone deserve high consideration for Mr. Podmore's book. But we cannot test the law till the S.P.R. succeeds in catching a poltergeist in active business, and does not arrive the day after the fair. Indeed I regard this secular uniformity of evidence to the non-natural movements of objects as the best ground for supposing that something odd has really sometimes occurred. The idea of expectant "excitement" must be dismissed in cases of hostile witnesses, like Alphonse Karr and Mr. Aïdé. Excitement could not last through six weeks' experience of floating bits of wood, in Mr. Bristowe's case. My informant in whose family Esther Teed was a servant was not excited or expectant. "Suggestion," as producing identity of collective hallucination, is excluded when the witnesses are of different lands and ages, all unaware of the same evidence previously given by others to the same set of facts. The Marquis de St. Victor never heard, we may be sure, of the Rev. Alexander Telfer, and probably Sir W. Crookes was not *consciously* in the same tale with William Morse. The idea that the members of Sir W. Crookes's party unconsciously adapted their memories into uniformity is checked by the notes made during the *séance*; and Morse, in

New England, cannot have fitted *his* story to match Telfer's in Galloway. Therefore, either the events occurred as described, or fits of crazy perception, uniform in character, beset mankind whether excited or not excited. Mr. Podmore is reduced, by facts, to the last form of explanation. It is calculated to stagger common sense.

Omitting Madame Blavatsky as exploded, we come to Experimental Thought-transference, and transference of sensation, as in Hegel's work already cited. The examples here given are familiar to readers of the *Proceedings*, as are the "Telepathic Hallucinations." Mr. Podmore seems rather to hanker after an explanation involving ether and the nervous system. Mr. Podmore's Theory of Ghosts is already well known. It draws heavily on any balance which Telepathy may have at the bank, and Mr. Myers's reply seems telling. But the subject is obscure, and a larger collection of facts is necessary. As to "haunted houses" and "expectancy," expectancy is too often a failure, alas, and ghosts "come not by observation." For the present Mr. Podmore "can but regard" premonitions "as the sports of chance." I could add a good deal, and may do so later, to his evidence for clairvoyance, but the facts would be set down to Telepathy. Mrs. Piper has a faint kind of charm for Mr. Podmore. But as we *know* that her Dr. Phinuit tries to cheat (however honest Mrs. Piper may be in her normal state), I put no trust in his revelations.

I have dwelt on my differences from Mr. Podmore, which amount to little more than a distaste for "explanations" like those which he tentatively offers. To take a case apart from his work:—A. made certain arrangements deeply affecting the common interests of himself and B. B. had a surmise, accidentally caused, that some arrangements had been made. A. died; B. dreamed a vision of a mass of details, all unknown to him, some of which were, while others could not possibly be known to A. The dream was accurate. These facts a philosopher of my acquaintance explains by saying that A. *had* told B. the details, but B. had not listened. The fact that the details were of the highest interest to B., (who did not listen to them), and that the *essential* details were unknown to any one not omniscient,—lying, as they did, in the future,—makes no difference to my friend. His explanation pleases him vastly. We shall not make much progress while philosophers insist on explanations, and are satisfied with their own conjectures. My friend, to assist my comprehension of his hypothesis (sub-conscious knowledge brought to consciousness in a dream), told me the old yarn of the servant girl who talked Hebrew. I asked for the evidence to the fact. There was no evidence; but then, said my friend, "philosophy had only to *explain* facts." There is not much use in explaining a fact which probably never occurred. There are times when one despairs of human reason, for if these things are done by professors of philosophy, what must we expect from the educated public? The real use of psychical research is its value in enabling us to understand the system of paying ourselves with words. We may discover no "psychical" laws, but we are compelled to tear up a world of prevalent logical fallacies.

ANDREW LANG.

Telepathy and the Subliminal Self. By R. OSGOOD MASON, A.M., M.D.,
Fellow of the New York Academy of Medicine, 8vo, pp. 343. New
York : Henry Holt and Company, 1897.

Psychical research still continues to have its advocates, and they come from a source that is not unworthy of the cause. Dr. Mason represents the medical profession, and thus an interest that might be more widely cultivated among his compeers could individuals declare their independence of certain scientific superstitions in the matter. Physicians are specially well situated to study exceptional phenomena,—I shall not say abnormal,—like those classified for psychical research, because they are presumably connected with the conditions and opportunities for their occurrence. Perhaps this implies that they are abnormal and thus unworthy of any other attention than to be prevented by therapeutics. This I would not grant of all of them, even if it be true of any or a small portion of them. But suppose that they are to be labelled with the suspicion of being pathological, what difference does this make? Are they to be discarded on that account, or to pass under the insinuation that they have no such value as is claimed for them simply because they are associated with pathological conditions? This can be denied, and a most effective case made out for the claim that many, if not the most, of the phenomena sheltered under the name of psychical research are connected with as normal conditions as our customary thoughts and experiences and not more impugnable than they on the ground of pathology. But Dr. Mason does not discuss this question, though it would be open to a physician, if not obligatory in his situation, to thresh out this subject for the satisfaction of those who see that no regard is paid to the principles involved in such a contention when the diagnosis of pathological cases depends upon the testimony of pathological cases, and for the discomfiture of those who would make psychiatry impossible by their assumptions. I should like to have seen a physician like Dr. Mason handle this subject as it needs and deserves to be. But he has chosen to discuss the general phenomena and problems of psychical research, as data for profounder theories of psychology than those depending solely upon the more universal events of experience.

Dr. Mason has covered the whole field of psychical research in his discussion, and in a much more scientific way than most of the popular treatises on such phenomena in the past, though I shall have occasion, before concluding, to point out some defects which the thorough scientific mind would remark in his treatment. But he has gone briefly over the topics of telepathy or thought-transference, hypnotism, clairvoyance, duplex personality, natural somnambulism, and dreams, automatism, planchette, automatic drawing and writing, crystal gazing, and phantasms. These constitute a rather large subject for so small a book, though the matter illustrating them is admirably abbreviated; a fault for science but not for the general reader who is interested in conclusions and not in evidential details. Most of the facts or alleged facts are taken from the *Proceedings of the Society for Psychical Research*, but some are from Dr. Mason's own experience and investigations, and have also been put on record in a completer form with the Society. The style of treatment is fair and judicious, and governed by the consciousness of what has to be met in converting scientific minds to an

interest in the subject, even when the author does not supply the conditions for securing that conversion. There is sobriety in the discussion and balance of judgment, as all must admit even when they do not agree with the author in the speculative value attaching to the alleged facts. Dr. Mason does not commit himself to any theory of these phenomena except that of telepathy, if that be called a theory, and possibly that of clairvoyance, though the distinction between cases that can be explained by telepathy and those which cannot, but which require clairvoyance, is not as clearly stated as might be. Dr. Mason also makes a wide use of automatism to explain cases which many persons bring under the class of spiritualistic phenomena. Dr. Mason is loth to admit that there are any evidences of spiritualism which absolutely demand the abandonment of either telepathy, clairvoyance or automatism to explain them. He does not deny the possibility of that doctrine; on the contrary, in the preface to the second edition of the book, which we are glad to see has been issued, he mentions with some gratification that some persons have felt that the facts discussed furnish much evidence for survival after death, though he protests that this was not the intention of the work. No one could ask for more caution in the annunciation and defence of theories. The work is largely a narrative of phenomena alleged to be facts, with a bearing upon the problem of supernormal human faculty.

When it comes to critical remarks upon Dr. Mason's book, it is proper to say that, in the mind of the present reviewer, the work is much superior to Hudson's *Law of Psychic Phenomena*. Dr. Mason is far more judicious and discriminative in the selection of cases for illustration and proof. He has had a definite regard to cases that are both more pertinent to his problem and more evidential in their origin, though it must be confessed that the evidence for their genuineness is not presented here in its fulness. But in spite of this omission, which was a concession to the popular reader, the selection of reported and original cases has some reference to the problem of evidence, which is not even raised in Hudson's book. The only fault that can be found is that, on the one hand, this evidential feature is not so fully considered as science demands, and on the other, the problems of mal-observation, illusions of memory, and coincidental experiences have not been discussed, as they require to be in this connection.

For this defect there is no doubt some excuse in the fact that the objections which tell against one case often have no weight against another. This is to say that, even if one case like another is defective in evidence, though still possibly a fact, the satisfaction of this demand by the second instance may have the retroactive effect of proving the credibility of the other, and hence it is not enough to discredit a particular case. The whole collective bunch of them has to be broken. When Dr. Mason tells one story that is borrowed from the narrative of some one we do not know, we may be justified for a sceptical attitude of mind, but then he tells us one or more of his own experiences, perhaps more striking than the questioned case, and knowing Dr. Mason, we wonder whether after all scepticism is anything more than an excuse to remain in respectable company, or at least in the good opinion of those who pass for that. Dr. Mason's book is thus not without its interest and weight, though we wish that it had been gauged to meet the severest tests of scientific method.

JAMES H. HYSLOP.

Letters from Julia ; or, Light from the Borderland. Edited by W. T. STEAD.
London : Grant Richards, 1897, pp. 188.

Mr. W. T. Stead, the well-known editor of the *Review of Reviews*, and, until October last, of *Borderland*, a magazine which has now ceased to appear, has collected under the above title a series of letters purporting to have been written automatically through his hand by a deceased lady, and dealing mainly with religious matters and with the conditions of the life after death. This is of course a very far-reaching claim, and it will be summarily put aside by most persons. Our Society, however, is bound not to put such claims aside without examination ; and inasmuch as I have dealt much with similar claims in the cases of the late Mr. Stainton Moses, and of Mrs. Piper,—and have also (in *Proceedings IX.*, pp. 52-61) discussed certain previous evidence offered by Mr. Stead himself, it may be convenient that I should say a few words as to this volume. In order to make my criticism as little personal as possible, I will begin with some considerations applicable to all this class of religious literature, claiming to be automatically produced, of which there are now a good many examples.

There are three separate points to be considered in analysing any work of this kind.

(1) Is the book really automatic ? That is to say, is the alleged automatist sincere and accurate in his claim to have written it without knowing what he was writing ?

(2) If so, does the book contain what we may call *moral* evidence,—evidence of style and general content,—which convinces us, without going further, that it does not come from some region of the automatist's own mind ?

(3) Or, failing this, is there definite, objective evidence (as the occurrence in the writing of facts presumably unknown to the writer, &c.,) which obliges us to connect the book, or any part of it, with some other mind ?

The first two questions can in this case be answered easily.

(1) I, for my part, fully believe in Mr. Stead's sincerity. I take it on his word that the book was written automatically, and that he believes *ex animo* that it comes from a disembodied spirit, and contains important truths.

(2) But, on the other hand, the general style and contents of the book convey for me no real indication of origin external to Mr. Stead's mind. They appear to me to bear about the same relation to the style and matter, say, of Mrs. Oliphant's "Little Pilgrim of the Unseen" as Mr. Stead's literary output in general bears to Mrs. Oliphant's. When Mr. Stead says, "I only wish my conscious self could write so well," I think that he pays either too low a compliment to his conscious self or too high a compliment to "Julia."

The contents of almost all these automatic utterances,—through Stainton Moses, Mrs. Piper, &c., and also of almost all the best romances on such subjects,—Mrs. Oliphant's stories, Balzac's *Séraphita*, &c., appear to me to be more or less,—not necessarily directly *derived* from Swedenborg, but—*analogous* to Swedenborg. It is, of course, possible that Swedenborg's utterances convey much of inspired truth, and that spirit-communicators

and romancers alike give much the same messages simply because the spirits *know* them to be true, and the romancers *guess* them to be true. It is also possible that Swedenborg's own mind anticipated ideas which, though in his time scouted as bizarre or impious, have in our time become a constant element in serious thought. In neither case can the mere repetition of similar ideas claim inspiration on moral or internal grounds alone.

(3) The third point, then,—the objective evidence to authorship other than Mr. Stead's,—becomes here of high importance. My readers may, perhaps, recall some narratives which I quoted in our *Proceedings* (*loc. cit.*) which seemed to offer good *primâ facie* evidence of a telepathic communication between Mr. Stead's and other incarnate minds. "Mr. Stead's experiments, indeed" (I wrote, *Proceedings* IX., p. 60), "are so precisely confirmatory of the existence of a continuously active subliminal consciousness in all mankind that I almost shrink from pressing cases which look as though they had been constructed (although they most certainly were *not*) to bolster up my own hypotheses." I concluded with the hope of being "able to report further on Mr. Stead's writings at no distant date";—a hope in which I was encouraged by some expressions of his willingness to submit further evidence to the S.P.R. Until that evidence should come, I deferred any notice of "Julia." Mr. Stead was, in fact, good enough to show me some evidence as to another alleged spirit communicator, but that evidence was not convincing to me;—nor quite so, I fancy, to Mr. Stead himself. When, therefore, this new volume appeared, I looked at once for evidence *re* Julia's identity;—hoping to see some matter thereanent which had appeared in *Borderland* reprinted, and much addition made thereto. I was disappointed to find that such evidence was given only with a brevity such as that of the following assertions, which Mr. Stead "states as facts." (1) "That strangers who have never heard of her existence have described her as standing near me when my automatic hand was writing." (2) "That several of these have not only described her, but have given her name" (*i.e.*, "Julia," as the next sentence shows). (3) That one here and one in "her native land have also given her surname, which I have refrained from publishing, and which I have equally in vain endeavoured to telepath to the minds of other mediums."

Now, considering the details given in Mr. Stead's first account of "Julia," and the publicity of that lady's career, both before and after physical dissolution, I feel that the only inference which we are entitled to draw from the above facts is that the mediums to whom Mr. Stead "in vain endeavoured to telepath" her surname, must have been, on that occasion at any rate, perfectly honest persons.

Mr. Stead, however, it is fair to say, does not rely on these heads of evidence alone. The headings (2), (3), and (4) on page xi. of his Preface indicate lines of proof which might have a real cogency if set forth at length and properly substantiated. The automatic production of an affectionate private *sobriquet* not known to Mr. Stead;—of a definite incident also unknown to him;—of various names of friends, also unknown to him;—these are just the kind of facts which we should like to see given in full, and multiplied by continued inquiries from the "control." Mr. Stead says, indeed, "It is not necessary for me to enter into a detailed statement of the evidence which has led me to the conclusion that these 'Letters from Julia,' are

really what they profess to be." But I cannot see the grounds for this abstinence; I cordially invite him to set forth his evidence—whether for publication or not—in a more complete form. I make no doubt whatever that he has acted in his manner of publication of this book with sincere conscientiousness. But there exists another point of view. There are some men who would shrink from the responsibility of laying before the public a series of assertions which, if true, are so momentous as those made by "Julia," without at the same time giving with the utmost care and completeness the evidence which has led the earthly editor to accept them as authentic and veritable messages from a lady who has been privileged to meet and speak with Jesus Christ in the spiritual world.

F. W. H. MYERS.

The Subconscious Self and its Relation to Education and Health. By LOUIS WALDSTEIN, M.D. (London: Grant Richards, 1897, pp. 171.)

This is not an easy book to analyse, or even to read. It has no index nor table of contents, and the chapters, of which there are four, have neither heading nor summary. Carlyle once said of Coleridge's talk, that it was of excellent quality, but that it started from no premises and arrived at no conclusion. It would not be quite fair to apply this to Dr. Waldstein's essay, for his statement of premises and conclusion is fairly definite. But it is by no means easy to trace the intermediate steps of the argument. Part of this obscurity is no doubt due to the difficulties of a language to which Dr. Waldstein may be presumed to be a foreigner. But it may be doubted whether in any other tongue his reasoning would be found either lucid or cogent. His argument, summed up in his own words, runs as follows:—

"I have endeavoured to show in this short sketch that our mental personality is represented by the sum of all the impressions which have been deposited in our memory during our lifetime, impressions which depend primarily, as has been indicated at the outset, upon peculiarities of organic structure preformed in us. The nature of all these impressions, however, differs, as has been seen, in two well-defined manners. The conscious impressions, towards which we learn gradually to direct our attention, form in their aggregate a conscious self, which directs in its turn our attention and our acts as they affect principally our relation to the outer world. Through the conscious self we also control that other part of our self from which emanate impulses and moods, the consuming desire to live our own life, to realise our ideals irrespective of the relations which surround us. Hence it comes that a dualism exists in the life of every one of us, more or less accentuated according to the difference between our conscious and our subconscious self."

From these premises Dr. Waldstein draws a practical deduction that the due training and subordination of the subconscious self in early life is a matter of the highest importance, and he makes certain suggestions for effecting this end. The practical part of the book contains some matter of value,

supplied by the author's experience as a physician. But his theoretical conclusions are imperfectly worked out and insufficiently supported. He draws too absolute a line between what is conscious and what is subconscious. Moreover, he does not apparently realise that the content of the subconscious is largely made up of ideas which have lapsed from the conscious field. Nor is he at all clear as to what constitutes a conscious impression. He asserts repeatedly that the child's impressions are wholly of an unconscious kind "until comparatively late in life" (see, *e.g.*, p. 44), and yet writes elsewhere that "the eye of the hawk, the ear of the horse, even the antennæ of insects must convey definite conscious impressions to the animal" (p. 159). What manner of thing is this "consciousness" which is granted to the ant or the beetle, but denied to the pupils of a kindergarten? Again, in support of the highly controvertible statement that "in whatever degree or manner these impressions (conscious or unconscious) are received they are registered permanently," he thinks it enough to say "that countless instances of the reappearance of most feeble impressions, coming up again after many years, should make further proof unnecessary" (p. 3). It would be as logical to claim the recent discovery of the *Words of Jesus* as a proof that no ancient MSS. have ever been lost or destroyed. A subsidiary argument for his position is even less calculated to convince. "Impressions that have been registered in early childhood reappear involuntarily, thus showing their original tenacity at a period of life when *no selection process, or reasons for remembering or forgetting, can possibly have been at work.*" Even if we grant his postulate that there is no *conscious* selection at an early age, this statement is surely very wide of the mark. The state of the child's health, the cerebral state at the moment, the competition of other impressions, the likeness or unlikeness of the particular impression to others, all that is comprehended under the term "association of ideas" and many other factors must operate subconsciously to select and differentiate impressions.

In brief the book reads like a rough assortment of ill-digested memoranda ; it is an organism held together by connective tissue, in default of a solid, well-articulated skeleton. There are a fair number of interesting illustrations, and some few acute observations, and if Dr. Waldstein had taken the trouble to arrange and digest his material, he might have contributed something of solid value to our knowledge of the Subconscious Self. If he fails in his present work for the most part either to impress or convince us, it is from no lack of impressive, even ostentatious, conviction on his own part. Throughout the book "I hold," "I maintain," "I venture to assert" are made to do duty for argument and illustration. He hints, indeed, vaguely at vast stores of observation and experiment ; but the few instances he quotes are quite insufficient for his purpose. And when he says "it is clear" we feel that "it is probable" would have been a wiser and a juster claim. For instance:— "The *hysterical* condition . . . need not necessarily include any feebleness of the faculties for observation or judgment ; they are, indeed, in many cases uncommonly strong, but here the subconscious memory has been unduly developed. Such subjects are highly impressionable, and are governed by their vague and powerful emotional moods, so that the mental reflexes are set going upon the slightest stimulation, while the inhibiting power of the will, however much it may be exerted, remains ineffectual. *It is clear,*

therefore, that the first causes of hysteria must be looked for in the habits which the mind was allowed to form in early youth" (p. 107).

Is this really "clear" to anyone but Dr. Waldstein? are the arguments adduced such as to make the deduction "clear,"—i.e., beyond dispute?

One more illustration of the author's reasoning may be quoted. This is how he refers to the subject of telepathy :—

"The experience of one person in a given moment might very well be identical to that of another, for we are to-day subject, even at great distances, to a multitude of similar impressions, mostly induced by vague sensations. The direct effect of modern journalism and the telegraph must necessarily be to set in motion mental activity of precisely the same nature all over the globe, and call up much the same interests and emotions. The uniformity of daily habits, fashions, food, and the like, will serve to awaken numberless subconscious moods, which might suggest, in their turn, the same course of ideas. May we not explain in this way the origin of some of the phenomena which have been ascribed to *telepathic* influences?" (pp. 83-4).

This is a forcible statement of the considerations which render telepathy a dubious explanation of simultaneous dreams and other commonplace impressions. But, so far as I know, no one has professed to found a belief in telepathy on such occurrences. And even the association of ideas is limited in its operation; it could scarcely, for instance, be supposed to affect the drawing of a card, or operate to produce the death of the agent in subconscious correspondence to a hallucination on the part of the percipient.

FRANK PODMORE.

The Book of Dreams and Ghosts. By ANDREW LANG. Longmans, Green, and Co., 1897.

Mr. Lang has certainly succeeded in attaining the object which he sought in writing *The Book of Dreams and Ghosts*, namely, "to entertain people interested in the kind of narratives here collected." The stories are written with admirable clearness and brevity, and the titles of some of the tales are alone sufficient to make the readers' flesh creep :—"The Weird Moon," "The Lady in Black," "The Old Family Coach," "The Assyrian Priest," "The Foul Fords; or, The Longformacus Farrier," "The Black Dog and the Thumbless Hand," and "The Ghost that Bit." The simple sensation-loving reader will perhaps regret that the series was not published in a magazine, with gruesome illustrations to accompany the text. The author has to a great extent relied on well-known stories like Lord Lyttelton's Ghost, Mr. Williams's dream of the murder of Spencer Perceval, etc., and especially on narratives published in the *Proceedings* of the Society for Psychical Research. He gives, however, some veridical dreams, and some cases of crystal-vision which have not appeared before. Of the latter, one has been printed in the *Journal S.P.R.*; the others are given in greater detail than here in Mr. Lang's paper on "Crystal-Vision," which was read at the meeting of the Society on January 28th, 1898. Besides these, there is a case of apparently veridical waking hallucination (p. 45), told to the

writer by his old headmaster, the Rev. Dr. Hodson, brother of Hodson, of Hodson's Horse, "a person whom I never heard make any other allusion to such topics;" and also a "collective" case, which we give in Mr. Lang's words.

"The following story was told to myself, a few months after the curious event, by the three witnesses in the case. They were connections of my own, the father was a clergyman of the Anglican Church; he, his wife, and their daughter, a girl of twenty, were the percipients. All are cheerful, sagacious people, and all, though they absolutely agreed as to the facts in their experience, professed an utter disbelief in 'ghosts,' which the occurrence has not affected in any way. They usually reside in a foreign city, where there is a good deal of English society. One day they left the town to lunch with a young fellow-countryman, who lived in a villa in the neighbourhood. . . . His house was kept by his sister, who was present, of course, at the little luncheon party. During the meal some question was asked, or some remark was made, to which the clerical guest replied in English by a reference to 'the maidservant in pink.' 'There is no maid in pink,' said the host, and he asked both his other guests to corroborate him. Both ladies, mother and daughter, were obliged to say that, unless their eyes deceived them, they certainly *had* seen a girl in pink attending on them, or, as least, moving about in the room. To this their entertainers earnestly replied that no such person was in their establishment, that they had no woman servant but the elderly cook and housekeeper, then present, who was neither a girl nor in pink. After luncheon the guests were taken all over the house to convince them of the absence of the young woman whom they had seen, and assuredly there was no trace of her. On returning to the town where they reside, they casually mentioned the circumstance as a curious illusion. The person to whom they spoke said, with some interest, 'Don't you know that a girl is said to have been murdered in that house before your friends took it, and that she is reported to be occasionally seen, dressed in pink?' They had heard of no such matter, but the story seemed to be pretty generally known, though naturally disliked by the occupant of the house. As for the percipients, they each and all remain firm in the belief that, till convinced of the impossibility of her presence, they were certain they had seen a girl in pink, and rather a pretty girl, whose appearance suggested nothing out of the common."

Moreover, in several well-known historical cases, Mr. Lang has carefully investigated the different versions, and gives evidence for their various degrees of authenticity. In one case,—that of the foretelling of the death of the Duke of Buckingham by the apparition of his father,—the narrative of a Mr. Wyndham, who had the story direct from the percipient, a kinsman of his own, is given; this has never before been published.

Mr. Lang has also discovered a curious fact in connection with the murder of Mr. Perceval, about which Mr. Williams had his well-known premonitory dream in 1812, namely that there was a report of the murder in Bude Kirk, a village near Annan, on Sunday, May 10th, the day before the crime was committed. "This was stated in the *Dumfries and Galloway Courier*, and copied in the *Times* of May 25th. On May 28th, the *Perth Courier* quotes the *Dumfries* paper, and adds that 'the Rev. Mr. Yorstoun,

minister of Hoddam (ob. 1833), has visited Bude Kirk and has obtained the most satisfactory proof of the rumour having existed 'on May 10th, but the rumour cannot be traced to its source."

Mr. Lang does not profess a severely scientific treatment of the subject, but several of his remarks on evidence are instructive, and he gives some quotations from Professor William James' *Principles of Psychology* for the purpose of explaining the meaning of "hallucination" in its technical sense. His only system of tacking the stories together is by classing them "in different grades, as they advance from the normal and familiar to the undeniably startling;" and this plan does not seem to be very strictly adhered to; since to the last story of all, "The Ghost that Bit," a footnote is appended to explain that "this story should come under the head of 'Common Death-Bed Wraiths,' but it is such an uncommon one!"

To some members of our Society the book will probably appear to be written in a frivolous and dilettante spirit. And no doubt the journalist, the ordinary reader, the man in the street, when he finds story after story quoted from the publications of the S.P.R., will take occasion to have his usual laugh at the expense of a Society which amuses itself with collecting blood-curdling ghost stories, and expects to be taken seriously. But unless he is a very dull journalist, or a very careless reader, he will perceive that Mr. Lang's levity is at any rate impartial and comprehensive, and that he intends the laugh to go round, holding that fun may be as legitimately derived from the "fallacies which impose on the credulity of common-sense," as from the rash conclusions of dreamers and ghost-hunters. In the preface he says: "This book does not pretend to be a convincing, but merely an illustrative collection of evidence. It may, or may not, suggest to some readers the desirableness of further inquiry; and the author does not hope to do more, if as much." Let us hope that this modest aspiration will be realised.

J. G. SMITH.

EDMUND GURNEY LIBRARY.

SUPPLEMENTARY CATALOGUE, 1897.

Additions since the list in "Proceedings," Vol. XII.

- DAILEY (Abram H.), Mollie Fancher, the Brooklyn Enigma. An Authentic Statement of Facts in the Life of Mary J. Fancher. *Brooklyn*, 1894
- DEE (Dr. John), On Spirits. With a Preface by M. Casaubon, D.D. *London*, 1659
- JAMES (William), The Will to Believe, and other Essays in Popular Philosophy.....*New York*, 1897
- MASON (R. Osgood, M.D.), Telepathy and the Subliminal Self *London*, 1897
- PARISH (Edmund), Hallucinations and Illusions. A Study of the Fallacies of Perception.....*London*, 1897
- PODMORE (Frank, M.A.), Studies in Psychical Research.....*London*, 1897
- RAYMOND (Rossiter, W.), The Divining Rod. (*Transactions of the American Institute of Mining Engineers, 1883*) 1883
- SCRIPTURE (E. W., Ph.D.), The New Psychology.....*London*, 1897
- WALDSTEIN (Louis, M.D.), The Sub-conscious Self and its Relation to Education and Health.....*London*, 1897
- WOODS (John F., M.D.), The Treatment by Suggestion, with and without Hypnosis. (Reprinted from the *Journal of Mental Science*, April 1897.).....*London*, 1897

- CARRIÉ (L'Abbé), Hydrosopographie et Métallosopographie, ou l'art de découvrir les eaux souterraines..... *Saintes*, 1863
- CHAUVIN (Dr.), [The Original Report on Jacques Aymar.] *Le Journal des Savans*, January, 1693*Paris*, 1693
- FIGUIER (Louis), Histoire du Marveilleux. 4 Vols.....*Paris*, 1881-89
- LAURENT (Dr. L.), Des États Seconds, Variations Pathologiques du Champ de la Conscience.....*Paris*, 1892
- LEBRUN (Le Père, S.J.), Lettres qui découvrent l'illusion des Philosophes sur la Baguette.....*Paris*, 1693
- Histoire Critique des Pratiques Superstitieuses*Paris*, 1702
- PARAMELLE (L'Abbé), L'Art de découvrir les Sources. [*New Edition.*] *Paris*, 1896
- ESSAY ON HYDROSCOPIE (about l'Abbé Paramelle), *Journal d'Agriculture Pratique*, April, 1845*Paris*, 1845

- THOUVENEL (Dr.), Mémoire Physique et Medicinal . . . de la
Baguette Divinatoire.....*Paris*, 1781
VALLEMONT (L'Abbé de), La Physique Occulte, ou Traité de la
Baguette Divinatoire.....*Amsterdam*, 1693
-

- ALBINUS (Theophilus), Das entlarvete Idolom der Wünschel-ruthe
Dresden, 1704
BENEDIKT (Prof. Dr. Moritz), Hypnotismus und Suggestion...*Leipzig*, 1894
DU PREL (Carl), Die Wünschel-ruthe.....*circ.* 1890
HANSEN (F. C. C. und A. LEHMANN), Ueber unwillkürliche
Flüstern; eine kritische und experimentalische Untersuchung
der Sogenannten Gedanken-uebertragung. (Reprinted from
Wundt's Philosophische Studien, XI., 4.).....*Leipzig*, 1897
WILLEN (Matthew), Die Wünschel-ruthe. Together with a German
translation of Abbé de Vallemont's *Physica Occulta*. Illustrated
Nuremberg, 1694
-

- SEMENTINI (L.), Pensieri e Sperimenti sulla Baccheta Divinatoria
Naples, 1810
-

- VIRGULA METALLICA (De), Mescellania Curiosa. Academiae Cæsaro-
Leopoldinæ*Frankfort*, 1697
-

A full Catalogue of the books in the Edmund Gurney Library was printed at the end of Vol. V. of the Proceedings. Supplementary Catalogues were printed at the end of Vols. VI., VII., VIII., IX., X., XI., and XII. Separate copies of these Catalogues are still on hand, and can be obtained from the Secretary.

FORMER PRESIDENTS.

PROFESSOR H. SIDGWICK - - - - -	1882-1884.
PROFESSOR BALFOUR STEWART, F.R.S. - - -	1885-1887.
PROFESSOR H. SIDGWICK - - - - -	1888-1892.
RIGHT HON. A. J. BALFOUR, M.P., F.R.S. - -	1893.
PROFESSOR WILLIAM JAMES (Harvard, U.S.A.) -	1894-1895.
SIR WILLIAM CROOKES, F.R.S. - - - - -	1896-1897.

OFFICERS AND COUNCIL FOR 1898.

PRESIDENT.

SIR WILLIAM CROOKES, F.R.S.

VICE-PRESIDENTS.

THE RIGHT HON. A. J. BALFOUR, M.P., F.R.S.	PROFESSOR S. P. LANGLEY, Smithsonian Institution, Washington, U.S.A.
PROFESSOR W. F. BARRETT, F.R.S.E.	LORD RAYLEIGH, F.R.S.
THE MARQUIS OF BUTE, K.T.	THE RIGHT REV. THE BISHOP OF RIPON.
PROFESSOR WILLIAM JAMES, Harvard, U.S.A.	PROFESSOR HENRY SIDGWICK.

COUNCIL.

THE RT. HON. G. W. BALFOUR, M.P.	FRANK PODMORE.
A. W. BARRETT, M.B.	LORD RAYLEIGH, F.R.S.
PROFESSOR W. F. BARRETT.	GEORGE F. ROGERS, M.D.
J. MILNE BRAMWELL, M.B.	SYDNEY C. SCOTT.
THE EARL OF CRAWFORD AND BALCARRES, K.T., F.R.S.	PROFESSOR HENRY SIDGWICK.
ST. GEORGE LANE FOX.	H. ARTHUR SMITH.
LIEUT.-COL. J. HARTLEY.	H. BABINGTON SMITH, C.S.I.
RICHARD HODGSON, LL.D.	R. PEARSALL SMITH.
MR. REGISTRAR HOOD.	SIR AUGUSTUS K. STEPHENSON, K.C.B., Q.C.
WALTER LEAF, Litt.D.	PROFESSOR J. J. THOMSON, F.R.S.
PROFESSOR OLIVER J. LODGE, F.R.S.	CHARLES LLOYD TUCKEY, M.D.
PROFESSOR MACALISTER, M.D., F.R.S.	J. VENN, D. Sc., F.R.S.
FREDERIC W. H. MYERS.	ABRAHAM WALLACE, M.D.

HON. TREASURER.

H. ARTHUR SMITH, Queen's Mansions, Brook Green, London, W.

HON. SECRETARY.

FREDERIC W. H. MYERS, Leckhampton House, Cambridge.

ACTING-SECRETARY FOR THE UNITED STATES.

MISS EDMUNDS, 5, Boylston Place, Boston, Mass.

ASSISTANT-SECRETARY.

EDWARD T. BENNETT, 19, Buckingham Street, Adelphi, London, W.C.

MEMBERS AND ASSOCIATES.

(February, 1898.)

PRESIDENT.

SIR WILLIAM CROOKES, F. R. S.

VICE-PRESIDENTS.

THE RIGHT HON. A. J. BALFOUR, M.P., F.R.S., 4, Carlton-gardens, S.W.
 PROFESSOR W. F. BARRETT, Royal College of Science, Dublin.
 THE MARQUIS OF BUTE, K.T., Mount Stuart, Rothesay, Isle of Bute.
 PROFESSOR WILLIAM JAMES, Harvard, U.S.A.
 PROFESSOR S. P. LANGLEY, Smithsonian Institution, Washington, U.S.A.
 LORD RAYLEIGH, F.R.S., Terling Place, Witham, Essex.
 THE RIGHT REV. THE BISHOP OF RIPON, The Palace, Ripon.
 PROFESSOR HENRY SIDGWICK, Newnham College, Cambridge.

HONORARY MEMBERS.

SIR WILLIAM CROOKES, F.R.S., 7, Kensington Park-gardens, London, W.
 THE RIGHT HON. W. E. GLADSTONE, Hawarden Castle, Chester.
 JOHN RUSKIN, LL.D., D.C.L., Brantwood, Coniston, Lancashire.
 ALFRED RUSSEL WALLACE, F.R.S., Corfe View, Parkstone, Dorset.
 G. F. WATTS, R.A., Little Holland House, London, W.

CORRESPONDING MEMBERS.

ALEXANDER N. AKSAKOF, 6, Nevsky Prospect, St. Petersburg.
 PROFESSOR A. ALEXANDER, Caixa, 906, Rio Janeiro.
 PROF. H. BEAUNIS, Villa Josephine, Boute d'Antibes, Cannes, France.
 PROFESSOR BERNHEIM, Hôpital Civil, Nancy.
 PROFESSOR H. P. BOWDITCH, M.D., Harvard Medical School, Cambridge,
 Mass., U.S.A.
 PROFESSOR NICHOLAS M. BUTLER, Columbia College, New York, U.S.A.
 DR. DARIEX, 6, Rue du Bellay, Paris.
 DR. MAX DESSOIR, 27, Köthener Strasse, Berlin, W.
 DR. FÉRE, 37, Boulevard St. Michel, Paris.
 PROFESSOR STANLEY HALL, Clark University, Worcester, Mass., U.S.A.
 DR. EDUARD VON HARTMANN, Gross-Lichterfelde, Germany.
 PROFESSOR PIERRE JANET, 22, Rue de Bellechasse, Paris.
 DR. A. A. LIÉBEAULT, Nancy, France.
 PROFESSOR J. LIÉGEOIS, Nancy, France.
 PROFESSOR C. LOMBROSO, 43, Corso Oporto, Turin, Italy.

- PROFESSOR E. C. PICKERING, The Observatory, Cambridge, Mass., U.S.A.
TH. RIBOT, Office of the *Revue Philosophique*, Paris.
PROFESSOR CHARLES RICHTER, 15, Rue de l'Université, Paris.
PROFESSOR SABATIER, Montpellier, France.
DR. FREIHERR VON SCHRENCK-NOTZING, 2, Max Joseph Strasse, Munich.
DR. H. DE VARIGNY, 7, Rue de Sfax, Paris.
PROFESSOR N. WAGNER, Imperial University, St. Petersburg.
DR. OTTO G. WETTERSTRAND, Stockholm.
DR. G. C. WITTIG, 22, Körnerstrasse, Leipzig.

MEMBERS, HONORARY ASSOCIATES, AND ASSOCIATES

Names of Members are printed in Black Type.

Names of Honorary Associates are prefixed by an Asterisk.

Names of Associates are printed in SMALL CAPITALS.

- ADAIR, DESMOND, Bank of England, Plymouth.
ADAMS, MRS., 4, Brookside, Cambridge.
ADAMSON, REV. HENRY, Heathcote, Christchurch, New Zealand.
ALEXANDER, S., M.A., The Owens College, Manchester.
ALLEN, REV. W. O. B., M.A., 83, St. George's-road, London, S.W.
AMERY, W. C., 34A, Corporation-street, Birmingham.
ARGLES, MISS EDITH M., The Deanery, Peterborough.
ARNOTT, T. DAVIDSON, Port of Spain, Trinidad, B.W.I.
Ashburton, The Lady, Kent House, Knightsbridge, London, S.W.
ASTLEY, MISS, 3, Halkin-place, Belgrave-square, London, S.W.
BACCHUS, MRS., The Manor House, Lillington, near Leamington.
BACLÉ, E., 57, Rue de Chateaudun, Paris.
BADELIER, EMILE, Rangoon, British Burmah.
BAGGALLY, WORTLEY W., 23, Lower Phillimore-place, Kensington, W.
BAINES, MISS W., Kames Cottage, Port Bannatyne, Bute, N.B.
Baker, Mrs. Charles, 47, Russell-road, West Kensington, W.
BAKER, EDMUND G., High View, Shooters-hill, Kent.
BAKER, MISS MORRANT, Boston Lodge, Harvard-rd., Gunnersbury, S.W.
Balfour, The Right Hon. A. J., M.P., F.R.S., 4, Carlton-gdns., S.W.
Balfour, The Right Hon. G.W., M.P., 24, Addison-road, London, W.
Balfour, Miss, 4, Carlton-gardens, London, S.W.
BALLARD, REV. F., M.A., B.Sc., Morschach, Anlaby-road, Hull.
BANNERMAN, COLONEL P. W., 8, Somers-place, Hyde Park, London, W.
BARCLAY, REV. CHAS. W., M.A., The Vicarage, Hertford Heath, Hertford.
BARKLY, MRS., Hampton Court Palace, near London.
Barkworth, Thomas, J. P., West Hatch, Chigwell, Essex.
BARLOW, MISS JANE, The Cottage, Raheny, co. Dublin.

- BARLOW, COLONEL W. R., 56, Penywern-road, London, S.W.
Barrett, Ashley W., M.B., 7, Cavendish-place, Cavendish-square, W.
Barrett, Professor W. F., F.R.S.E., Kingstown, co. Dublin.
Barrington, Hon. Eric, 62, Cadogan-place, London, S.W.
 BARTHOLOMEW, COLONEL, Bantry Lodge, Glengariff, co. Cork.
 BATES, COLONEL C. E., c/o London and County Bank, 1, Connaught-street, London, W.
 BATES, MISS, c/o London and County Bank, Maidstone.
Battersea, The Lady, Aston Clinton, Tring.
 BAYFIELD, REV. MATTHEW A., M.A., The College, Eastbourne.
 BEATTY, OCTAVIUS, Fairholt, Merton-hall-road, Wimbledon, Surrey.
 BEAZLEY, LIEUTENANT-COLONEL GEORGE G., 74, Redcliffe-sq., S.W.
Bective, The Countess of, Barnacre Lodge, Garstang.
 BEER, MRS., 7, Chesterfield-gardens, London, W.
 BELL, CHARLES W., J.P., D.L., Yewhurst, East Grinstead, Sussex.
 BELL, MAJOR WM. MORRISON, Thor, Birchington, Thanet, Kent.
 BELLASIS, MAJOR G. M., c/o H. S. King and Co., 45, Pall Mall, S.W.
Bennett, Edward T., Devonshire House, Richmond, near London.
 BENNETT, ERNEST N., M.A., Hertford College, Oxford.
Benson, Mrs., 9, St. Thomas-street, Winchester.
 BENSON, MISS ANNETTE M., M.D., Cama Hospital, Bombay.
Berens, Rev. Randolph, M.A., 14, Prince's-gardens, London, S.W.
 BERGEN, AXEL VON, Harewood Hill, Darlington.
 BERGEN, DR. CARL VON, 32, Karlavågen, Stockholm.
 BERNARD, JOHN, CAPTAIN, R.M.L.I., H.M.S. "Nelson," Portsmouth.
Berry, Mrs. F. M. Dickinson, M.D., 60, Welbeck-st., Cavendish-sq., W.
 BEVAN, MISS N. H., Chalet Passiflora, Cannes, France.
 BEVAN, HON. MRS. R. YORKE, 9, Rutland-gate, London, W.
 BEVAN, MRS. ROBERT, 131, Gloucester-road, London, S.W.
Beveridge, Erskine, St. Leonard's Hill, Dunfermline, N.B.
 BICKFORD-SMITH, R.A.H., B.A., 19, Endymion-road, Brixton Rise, S.W.
 BICKNELL, REV. CLARENCE, M.A., Villa Rose, Bordighera, Italy.
Bidder, Mrs., Ravensbury Park, Mitcham, Surrey.
 BIDDER, GEORGE P., Ravensbury Park, Mitcham, Surrey.
 BIDDULPH, THE LADY ELIZABETH P., 19, Ennismore-gardens, S.W.
 BIELBY, HORACE C. V., 67, Lord-street, Liverpool, W.
Bigg, Miss Louisa, Lyndhurst, Luton.
 BIRKS, REV. EDWARD B., M.A., Trinity College, Cambridge.
 BIRRELL, MRS., Placilla, Lansdowne-road, Worthing.
 BLACKBURN, ERNEST M., 38, Egerton-gardens, London, S.W.
 BLACKWELL, ELIZABETH, M.D., Rock House, Hastings.
Blackwood, Mrs., Norton Court, Sittingbourne, Kent.
Blakelock, Rev. R., M.A., Horbury Bridge Vicarage, Wakefield.
 BLATCH, MISS ALICE, 34, Blandford-road, Bedford Park, W.

- BOIS, HENRY GORDON, c/o J. M. Robertson and Co., Colombo, Ceylon.
BOIS, HERBERT G., 4, Clarendon-place, Hyde Park-square, W.
BOLDERO, LIEUT.-GENERAL G. N., 20, Westbourne-gardens, Folkestone.
BOLLAND, MRS., 7, Cranbury-terrace, Southampton.
BOLTON, MISS A. J., B.A. (N.Z.), Hillside, Bourton-road, Buckingham.
BOORNE, HERBERT H., 9A, Sackville street, Piccadilly, London, W.
BOSANQUET, MRS. O. V., 52, Queen's-gate, London, S.W.
BOSCO DE BEAUMONT, G. DU, Airel (Manche), France.
BOSWELL-STONE, MISS E. L., Dayrells, 47, Wickham-road, Beckenham.
BOUCHER, MRS., c/o Miss Lutley, West-street, Wiveliscombe, Somerset.
BOULNOIS, H. PERCY, M.Inst.C.E., 7, Devonshire-road, Liverpool.
BOWDEN-SMITH, MRS., at Carey's, Brockenhurst.
BOWELL, ERNEST W. W., Sissinghurst Vicarage, Cranbrook, Kent.
BOWNESS, WILLIAM WILSON, 26, Campden-grove, Kensington, London, W.
BOYD, C. W., 7, Abbotsford-crescent, St. Andrews, N.B.
BRAMSTON, MISS A. R., Witham-close, Winchester.
BRAMSTON, MISS M., Suntrap, Radcliffe-road, Croydon.
Bramwell, John M., M.B., 2, Henrietta-street, Cavendish-square, W.
BRANDRETH, HENRY S., Fairholme, Weybridge.
BRAYSHAW, JOHN L., Settle, Yorkshire.
BREWSTER, MRS. F., 21, Park-valley, Nottingham.
BRIGGS, MRS., Welbury Drive, Bradford.
BRILL, ALICE B., M.D., New York, U.S.A.
BRITTEN, JAMES, F.L.S., 126, Kennington Park-road, London, S.E.
Brooke, Lady, Ranee of Sarawak, Villa Raffo Bogliasco, near Genoa.
BROOKE, COL. C. K., Army and Navy Club, Pall Mall, London, S.W.
BROOKE, REV. STOPFORD A., M.A., 1, Manchester-square, London, W.
BROWN, MISS JOHNSON, 26, Carisbrooke-road, St. Leonards-on-Sea.
BROWNE, EDWARD G., M.A., M.B., Pembroke College, Cambridge.
BROWNE, MRS. WALTER P., Bidston, Alleyn-road, West Dulwich, S.E.
BROWNING, OSCAR, M.A., King's College, Cambridge.
BRUHNS, THEODORE, Simferopol, Russia.
BRYANT, A. C., B.A., 2, Langham-road, West Green, London, N.
BRYANT, CAPTAIN G. E., R.A., c/o J. M. Edwards, The Elms, Ramsgate.
Bryce, J. P., J.P., Bystock, near Exmouth, Devon.
BRYCE, MISS KATHLEEN, 15, Campden Hill-square, W.
BUCHANAN, H. B. M., B.A., 9, Upper Beulah Hill, Upper Norwood, S.E.
BUCKLER, W. H., Trinity College, Cambridge.
BULLEY, MRS. ARTHUR, West Kirby, near Birkenhead.
BULLOCK, MRS., St. Margaret's, Mitcham, Surrey.
BULMER, MRS., Field House, Sleights, R.S.O., York.
BUNSHAW, N.F., Med. Off., B.G.J.P. Railway, Ghadechi, Kathiawar, India.
BURTON, MRS., 1, Iddesleigh Mansions, Victoria-street, S.W.

- BURTON, MRS., Logner Hall, Shrewsbury.
 BURY, MRS. HENRY, Mayfield House, Farnham, Surrey.
Bushell, Rev. W. D., M.A., Harrow-on-the-Hill.
Bute, The Marquis of, K.T., Mount Stuart, Rothesay, Isle of Bute.
 BUTT, LADY, 17, Viale P^{ssa}. Margherita, Florence, Italy.
 BUTTEMER, ROBERT WILLIAM, St. Mary's, Godalming.
Caillard, Sir Vincent, Constantinople.
 CAILLARD, MISS, Wingfield House, near Trowbridge, Wiltshire.
 CALDECOTT, REV. PROFESSOR ALFRED, M.A., Lopham Rectory, Thetford.
 CALLAWAY, CHARLES, D.Sc., M.A., Nortonbury House, Tewkesbury.
 CAMERON, GEORGE FENTON, M.D., J.P., 34, Guilford-st., London, W.C.
 CAMPBELL, MRS. BURNLEY, Ormidale, Colintrave, Argyllshire, N.B.
 CAMPBELL, COLIN E., B.A., 22, Market Hill, Cambridge.
Campbell, Mrs. Napier, 81, Ashley-gardens, London, S.W.
 CANDLER, H. A. W., 37, Commercial-road East, London, E.
 CANNON, MRS., Hillcot, Sharples, near Bolton.
 CARBERY, WILLIAM E., 21, Eldon-road, Kensington, W.
 CARLETON, HON. MRS. LEIR, Greywell Hill, Winchfield.
 *CARLILE, W. A., 101, Whitehead-road, Aston, Birmingham.
Carnarvon, The Earl of, 13, Berkeley-square, London, W.
 CARNEGIE, LADY HELENA, Kinnaird Castle, Brechin, N.B.
 CARTER, MRS. L. BRUDENELL, Kenilworth, Clapham Common, S.W.
 CATHELS, REV. DAVID, M.A., The Manse, Hawick, N.B.
Cave, Charles, J. P., Binsted, Cambridge.
 CAVE-BROWNE-CAVE, MRS. T., Burnage, Streatham Common, S.W.
 CAZALET, MRS., Grenehurst, Dorking.
 CECIL, LADY FRANCIS, Stocken Hall, Stretton, Oakham.
 CHASE, CAPT. W. ST. L., V.C., care of Messrs. William Watson and Co., 28, Apollo-street, Bombay.
 CHATTOCK, PROFESSOR ARTHUR P., University College, Bristol.
 CHICHELE-PLOWDEN, TREVOR, C.S.I., The Residency, Hyderabad, Deccan, India.
 CHICHESTER, MISS MAY, Wotton Rectory, Dorking.
 CHILDERS, MISS F. I., 46, Gunter's-grove, London, S.W.
 CLARK, W. W., Denehurst, Dorking.
 CLARK, MISS, Suffield Park, Cromer.
 CLARKE, FRANCIS, 17, Hornsey Rise Gardens, London, N.
 CLARKE, J. F. HOWARD, M.D., M.R.C.S., (Eng.) 105, Wardour-street, W.
 CLARKE, JOHN HENRY, M.D., 30, Clarges-street, London, W.
 CLARKE, ROBERT H., M.A., M.B., M.R.C.S., Clarence Lodge, Redhill.
 CLARKE, THE REV. FATHER R. F., S.J., 40, St. Giles, Oxford.
 CLARKE, REV. W. J., 186, Bristol-road, Birmingham.
 CLAYTON, CHARLES E., 152, North-street, Brighton.
 CLEMENS, S. L. Hartford, Conn., U.S.A.

- CLEVELAND, THE DUCHESS OF, 18, Grosvenor-place, London, S.W.
CLISSOLD, EDWARD M., Fawley Lodge, Lansdown-road, Cheltenham.
Clive, The Hon. Henrietta Windsor, Oakly Park, Bromfield, Salop.
Close, Rev. Maxwell H., M.A., University Club, Dublin.
COATES, ANDREW, Pitcullen House, Perth, N.B.
Coffin, Walter H., F.L.S., 94, Cornwall-gardens, London, S.W.
COGHILL, COLONEL KENDAL, C.B., Cosheen, Castle Townshend, co. Cork.
COLEGRANE, MRS. E., Bracebridge, Norwood, S.E.
COLERIDGE, MISS CHRISTABEL R., Cheyne, Torquay.
COLLINGWOOD, MISS A. M., 5, Addison-mansions, West Kensington, W.
COLLINS, SIR ROBERT H., K.C.B., Broom Hill, Claremont, Esher.
COLLISON, MRS. HENRY C., 17B, Great Cumberland-place, London, W.
COLTHURST, LADY, 47, Hill-street, Berkeley-square, London, W.
COLVILE, COLONEL HENRY E., C.B., 24, Chapel-st., Belgrave-square, S.W.
COMPTON, LADY ALWYNE, 7, Balfour-place, London, W.
COONEY, REV. STEWART E., M.A., 28, Donegall-passage, Belfast.
COPE, REV. C. H., M.A., Churchills, Caterham Valley, Surrey.
COTTERELL, JAMES, 140, Earlsfield-road, Wandsworth Common, S.W.
CORT VAN DER LINDEN, PROFESSOR P. W. A., 6, Swimame-st., The Hague.
COUSENS, CHARLES H., Star Chambers, 30, Moorgate-st., London, E.C.
Cousens, John S., Wanstead, Essex.
Cowan, William H., 11, Malborough-road, Bournemouth.
COWPER, THE HON. MRS. SPENCER, Grosvenor Hotel, London, S.W.
CRACKANTHORPE, MRS., 65, Rutland-gate, London, W.
Crawford and Balcarres, The Earl of, K.T., F.R.S., 2, Cavendish-square, London, W.
Crawford, F. Marion, Villa Crawford, Sant' Agnello di Sorrento, Italy.
CRAWFORD, W. C., 1, Lockharton-gardens, Colinton-road, Edinburgh.
CRAWLEY, MRS. CHAS., 97, Cheyne Walk, Chelsea, London, S.W.
Crawshay, Robert, 16, Berkeley-square, London, W.
CRESPO, J. CHARTERS, Rua 24 de Jullio, No. 12, Lisbon, Portugal.
CREWDSON, MISS GWENDOLEN, The Barons, Reigate.
Crommelin, Miss Constance de la C., 29, Sussex-square, Brighton.
CROOKS, MISS, Kensington, South Australia.
CROWE, W. LEADHAM, 10, Jeffrey's-square, St. Mary Axe, London, E.C.
CRUISE, SIR F. R., M.D., 93, Merrion-square, W., Dublin.
CRUMP, HAROLD E., M.A., The Chestnuts, St. Margaret's, Twickenham.
CUNNINGHAM, G., D.M.D. (Harvard, U.S.A.), 2, King's-parade, Cambridge.
CURRIE, ANDREW S., M.D., 81, Queen's Road, Finsbury Park, N.
CURRIE, MRS., Warders, Tonbridge, Kent.
CUSHING, MRS. F. W., 4, Rue Chalgrin, Paris.
D'ABBADIE, ANTOINE, 120 Rue de Bac, Paris.
Dakyns, Henry Graham, M.A., Higher Coombe, Haslemere, Surrey.
DALLAS, MISS H. S. A., 116, King Henry's-rd., South Hampstead, N.W.

- Damania, Surgeon-Major, P. J.**, National Liberal Club, London.
DANVERS, MRS., 4, Cranley Mansion, Gloucester-road, S.W.
DARELL-BROWN, MRS., 1, Douro-villas, Cheltenham.
DARLEY, LADY, Quambi, Woollohra, New South Wales.
DARTNELL, GEORGE E., Abbotsfield, Stratford-road, Salisbury.
DARWIN, MRS. FRANCIS, Wychfield, Huntingdon-road, Cambridge.
DAVIDSON, J. MACKENZIE, M.B.C.M. (Aberdeen), 76, Portland-place, W
DAVIES, BENJAMIN, 26, Moscow Drive, Liverpool.
DAVIS, A. E., F.R.C.S. (Ed.), L.R.C.P.I., 20, Great George-sq., Liverpool.
DAVIS, JOSEPH T., Holly Bush, Snarebrook, Essex.
DAVIS, THOMAS HENRY, Gatefield, Clarendon-road, Lewisham, S.E.
Davison, Miss Annie, 1, Stanford-road, Kensington, W.
De Grey, The Countess, 1, Carlton-gardens, London, S.W.
DELOUEST, EDWARD, Ocala, Florida, U.S.A.
Dem, John, Walsingham, Chislehurst.
 ***DESPARD, MISS**, 77, Chesterton-road, North Kensington, London, W.
DE TRAFFORD, MRS. GALFRID, 67, Cadogan-gardens, London, S.W.
Dewar, Rev. Peter, M.A., The Manse, North Bute, Rothesay, N.B.
DICKSEE, FRANK, A.R.A., 80, Peel-street, Campden Hill, London, W.
DILL, J. F. GORDON, M.A., M.B., 6, Brunswick-place, Brighton.
Dixon, Edward T., 4, Cranmer-road, Cambridge.
DIXON, HUGH N., M.A., F.L.S., East Park Parade, Northampton.
DIXON, PROF. W. MACNEILE, M.A., LL.B., Litt. D., Mason College, Birmingham.
DOBBIE, A. W., Gawler-place, Adelaide, South Australia.
Dodge, Miss Mary M. H., 39, Brompton-square, London, S.W.
DONNELLY, MRS., Kendall-street, Cowra, New South Wales.
DOUGALL, MISS LILY, 463, Elm-avenue, Westmount, Montreal, Canada.
DOUGLAS, REV. DR. G. W., 239, Whitney-avenue, Newhaven, Conn., U.S.A.
DOVETON, F. B., Eastcliffe, Babbacombe, South Devon.
DOWSON, MRS., L.K.Q.C.P., L.R.C.S.I., 91, Cheyne-walk, Chelsea, S.W.
Doyle, A. Conan, M.D., Haslemere, Surrey.
DUKE, THOMAS, M.A., M.R.C.S., 33, Bilton-road, Rugby.
DULLEY, REV. B., M.A., St. Peter's Clergy House, London Docks, E.
Duncan, Mrs., Earlston, Epsom-road, Guildford.
DUNHAM, MISS HELEN, 11, Half-Moon-street, Piccadilly, London, W.
DUTT, R. C., C.I.E., Burdwan, Bengal, India.
DYCE, CAPTAIN CECIL, (Retired) Bengal Staff Corps, 11, Chepstow-villas, Bayswater, London, W.
EAGLE, FREDERICK, Devonias, St. Andrew's-road, Henley-on-Thames.
EARDLEY, LADY, 4, Lancaster-street, Hyde Park, London, W.
EARLE, MRS. C. W., 5, Bryanston-square, London, W.
EDELSTEN, JOHN A., 31, Bold-street, Warrington.
EGERTON, MISS MARY L., Alma Lodge, The Mount, York.

- Elder, Frederick**, 21, Cleveland-gardens, Hyde Park, London, W.
Elder, Mrs., 38, Hyde Park Gardens, London, W.
ELLIOT, GILBERT, 10, Hanover-square, London, W.
ELLIOT, MRS. MINTO, 7, George-street, Hanover-square, W.
Elliot, Miss, Sandecotes, Parkstone, Dorset.
ELLIOTT, SIR CHARLES ALFRED, K.C.S.I., LL.D., Calcutta.
ELLIOTT, REV. W. A., 54, Kirkgate, Shipley, Yorkshire.
ELLIS, MRS. ROBERT, 4, Rylett-road, Ravenscourt Park, W.
ELLISON, REV. JOHN H., M.A., The Vicarage, Windsor.
ELVEY, MISS MARY M., 3, Palace Mansions, Addison Bridge, W.
Elworthy, Arthur K., Foxdown, Wellington, Somerset.
ENCOMBE, VISCOUNT, Bachelor's Club, 8, Hamilton-place, London, W.
Eno, J. C., Wood Hall, Dulwich, London, S.E.
ERMACORA, DR. G. B., Padua, Italy.
ERMEN, WALTER F. A., Emmanuel College, Cambridge.
ESTERHAZY, COUNT MICHAEL, Cseklesz, Pressburg County, Hungary.
EVANS, KIRKHAM, Adelaide, South Australia.
FAGAN, MRS. L. M., 48, Tavistock-square, London, W.C.
Falcke, Dudley C., 5, Pump-court, Temple, London, E.C.
FALCOMER, PROFESSOR M. T., Regio Instituto Teknik, Alessandria.
Farrer, The Lady, Abinger Hall, Dorking.
Fawssett Thomas, 97, Philbeach-gardens, Earl's-court, London, S.W.
FEILDING, HON. EVERARD, 5, John-street, Mayfair, London, W.
FEILDING, THE LADY LOUISA, Broome Park, Betchworth, Surrey.
FIELD, ALLAN B., St. John's College, Cambridge.
FIELD, E. M., M.A., Cotswold, Bishopswood-road, Highgate, N.
FINCH, H. WYNNE, JUNR., M.A., The Manor House, Stokesley, R.S.O., Yorks.
***FINZI, DR. GEORGE**, 11, Monte di Pieta, Milan.
FISHER, MRS. A. B., 24, Duke's-avenue, Chiswick, near London.
FISHER, REV. J. HARTMAN, Nassau, N.P., Bahamas.
FITZGERALD, DESMOND G., M.S.T.E., 94, Loughborough-rd., Brixton, S.W.
FLETCHER, MRS. K. R., The Orchard, Buckland, near Betchworth, Surrey.
Florence, Ernest B., 33, Redcliffe-square, South Kensington, S.W.
FLOURNOY, PROFESSOR TH., The University, Geneva.
FORD, MRS. GERARD, 7, Mandeville-place, London, W.
FORRESTER, MRS., Gavell House, Kilsyth, N.B.
Fox, St. George Lane, Traveller's Club, Pall Mall, London, S.W.
FRASER, COL. A. T., R.E., Bellary, Madras Presidency.
FREEMAN, MISS ADELAIDE C., Belgrave Mansions, Grosvenor-gdns., S.W.
FREEMANN, REV. H. B., M.A., 1, Soho-square, London, W.
Fry, Lewis George, Limpsfield, Surrey.
FRY, OLIVER A., M.A., 41, Portsdown-road, Maida-vale, London, W.
FRY, R. E., B.A., 11, Palace Houses, Bayswater Hill, London, W.
***FRYER, REV. A. T.**, 13, Dumfries-place, Cardiff.

- FURNIVALL, PERCY, 34, Adelaide-road, London, N.W.
 GALLOWAY, THE COUNTESS OF, 17, Upper Grosvenor-street, W.
 GARDINER, REV. EDWARD R., M.A., Long Wittenham, Abingdon.
 GARDNER, MRS. ERNEST, c/o Miss Wilson, 33, Ladbroke-square, W.
 GARET-CHARLES, GEORGES, The Nook, Titchfield-rd., Regent's-pk., N.W.
 GARNER, EDWIN T., Glendale, Alexandra-road, Selhurst, Surrey.
 GARTH, HENRY, M.B., C.M. (Edin.), 4, Harrington-street, Calcutta.
Gernet, Miss Nina, Basseynaya, 33, Lodg.4, St. Petersburg.
 GHOSE, N. N., the *Indian Nation* Office, 43, Bancharam Unkoor's-lane, Calcutta.
 GITTERMANN, RUDOLPH C., Odessa, Russia.
 *GLARDON, REV. AUGUSTE, Tour de Peilz, Vaud, Switzerland.
 GLOVER, JOHN J. T., 124, Stephen's Green, W., Dublin.
 GODFREY, MRS., c/o Col. C.W. Godfrey, Bombay Staff Corps, Poona, India.
 GOODHART, REV. CHARLES A., M.A., Lambourne Rectory, Romford.
 GOODIER, MISS B. M., Seighford House, Hardwick-square, Buxton.
 *GOODRICH-FREER, MISS, 27, Cleveland-gardens, Hyde Park, W.
 GORING, LADY, Strettington, Chichester.
 GOVER, JOHN M., LL.D., 5, New-square, Lincoln's Inn, London, W.C.
 GOVETT, THE VEN. ARCHDEACON, M.A., Gibraltar.
 GOVETT, F. MOLYNEUX, Veytaux, Canton de Vaud, Switzerland.
 GOW, WILLIAM, 184, Earl's Court-road, London, S.W.
 GRAHAM, HENRY R., 8, Marble Arch, London, W.
 GRAHAM, J. W., B.A., Dalton Hall, Victoria Park, Manchester.
Graham, William W., 4, Elm-court, Temple, London, E.C.
 GRAY, EDWARD W., SURGEON-CAPTAIN, c/o Messrs. Holt, 17, Whitehall, S.W.
 GREEN, C. T., M.R.C.S., L.R.C.P. (Lond.), 33, Grange-mt., Birkenhead.
 GREEN, MISS MARIAN, The High School, Spring Mount, Blackburn.
Greener, W. O., 2, Kent Villas, Ealing.
 GREIG, REV. DAVID, M.A., Cottenham Rectory, Cambridge.
 GREVILLE, MISS C. C., 9, Queen's Gate-place, London, S.W.
 GRIFFITH, MRS. ROBERT W., The Old House, Llandaff.
 GRIFFITHS, JOSEPH, M.D., F.R.C.S., 4, Kings'-parade, Cambridge.
 GRIGNON, REV. WILLIAM S., M.A., Essendon, Hatfield, Herts.
 GROOM, ERNEST, Dothill Park, Wellington, Salop.
 *GRUBB, EDWARD, M.A., 5, 22, Crosby-road, Birkdale, Southport.
 GRUBBE, HUBERT H., Shallow, Ongar, Essex.
 GRÜNBAUM, O. F. F., B.A., B.Sc., Trinity College, Cambridge.
 GUDGEON, JAMES, Stowmarket.
 GUNTON, REV. CHARLES F., M.A., Farlam Vicarage, Milton, Carlisle.
 GUNTON, REV. F., M.A., Magdalene College, Cambridge.
Gurney, Rev. Alfred, M.A., St. Barnabas' Parsonage, Pimlico, S.W.
 GURNEY, REV. F., M.A., St. John's Cottage, Bovey Tracey, Newton Abbot.
 HACKETT, JAMES T., B.A., 71, King William-street, Adelaide, Australia.

- HAGGARD, JOHN G., H.B.M. Consul, Trieste, Austria.
Haig, Mrs. C. E., Orchardwood, Ascot Heath, Berks.
HAILEY, ALFRED J., 26, Bruce-road, Willesden, N.W.
HALKETT, MISS KATHERINE E., 3, Pitt-street, Campden Hill, W.
HALL, WILFRED, Dilston Hall, Corbridge-on-Tyne.
HALL, MRS., 3, St. Alban's-road, Kensington, London, W.
HALL, MRS. M. H., Blenheim Lodge, Surbiton.
HAMILTON, COLONEL G. ROWAN, Killyleagh Castle, co. Down, Ireland.
HAMILTON, W. STIRLING, Woodgaters, Horsham.
Hannah, Robert, 82, Addison-road, Kensington, W.
HANSFORD, CHARLES, 3, Alexandra-terrace, Dorchester.
HARDING, G. PALMER, Trouville, France.
HARGRAVE, JOSEPH G., The Larches, Heaton Mersey, Manchester.
HARGREAVES, MISS, 69, Alexandra-road, Southport.
HARPUR, REV. GEORGE, B.A., Clifton Vicarage, Newark.
HARRIS, REV. CHAS., M.A., The Institute, Mansfield-st., Haggerston, N.E.
HARRIS, CAPT. C. S., Hanover House, St. Peter's-road, Bournemouth.
HARRIS, MRS. LEVERTON, 4, Green-street, Park-lane, London, W.
HARTLEY, LIEUT.-COLONEL J., LL.D., D.L., The Old Downs, Hartley,
near Longfield, Kent.
HARTSHORN, MISS C., c/o Messrs. Brown, Shipley and Co., London, E.C.
HARVEY, ALFRED S., Hurstbourne, Bishopswood-road, Highgate, N.
*HASLAM, PROF. F. W., M.A., Canterbury College, Christchurch, New
Zealand.
HASTIE, MISS, 11, Ashburn-place, Cromwell-road, S.W.
HAWES, MISS, 127, Victoria-street, London, S.W.
HAY, THE HON. MRS. ALISTAIR, 8, Upper Belgrave-street, London, S.W.
HAYES, FREDERICK W., 12, Westcroft-square, Ravenscourt Park, W.
HAYWARD, MISS GRACE G., 25, St. George's Road, Kilburn, N.W.
HEARD, RICHARD, 37, York-place, Portman-square, London, W.
Heath, Mrs. Cuthbert, 47, Portman-square, London, W.
HEBERT, P. Z., M.D., L.R.C.P., 16A, Old Cavendish-st., Cavendish-sq., W.
HEHNER, MRS. OTTO, Woodside House, Woodside, South Norwood, S.E.
Henley, Hon. Ernest, Watford Court, Rugby.
HENNIKER-MAJOR, THE HON. MARY, 4, Berkeley-street, Piccadilly, W.
HENRY, MISS EVA, 1, Argyll-villas, Cheltenham.
HERBERT, HON. AUBERON, M.A., Burley, Ringwood, Hants.
HERRINGHAM, MRS., 22, Bedford-square, London, W.C.
Hewetson, H. Bendelack, F.L.S., M.R.C.S., 11, Hanover-sq., Leeds.
HIGFORD, MISS KATHARINE, 23, Eaton-place, London, S.W.
Hichens, Rev. Thomas S., Guilsborough Vicarage, Northampton.
HILDYARD, F. W., The Shuttleworth Club, Fye Foot-lane, Queen Victoria-
street, E.C.
HILL, CLEMENT HUGH, 63, Church-road, St. Leonards-on-Sea.

- HILL, W. SCOTT, 47, Manor-place, Edinburgh.
- HILL-TOU, CHARLES, Trinity College, Vancouver, B.C.
- HINE, THOMAS C., 25, Regent-street, Nottingham.
- HODDING, MISS, Selwood House, Barnard's Cross, Salisbury.
- Hodgson, Richard, LL.D., 36, Great Ormond-street, London, W.C.
- Hogg, Henry R., M.A., Melbourne Club, Melbourne, Australia.
- HOLE, REV. DONALD, A.K.C., 2, Busby-place, Camden-road, N.W.
- Holland, Hon. Lionel R., M.P., B.A., 58, Conduit-street, W.
- HOLLAND, MRS., Villa Eliva, Bogliasco, Riviera di Levante.
- HOLLAND, MISS, Niddry Lodge, Campden Hill, London, W.
- HOLLÄNDER, BERNARD, L.R.C.P., 61, Chancery-lane, London, W.C.
- HOLLINS, MRS. A. E., 77, Park-road, Newcastle-on-Tyne.
- Hollond, John R., M.A., Wonham, Dampton, Devon.
- HOLSTEIN, MADAME ALEXANDRA DE, 29, Avenue de Wagram, Paris.
- Hood, H. J., M.A., 115, St. George's-road, London, S.W.
- HOOD, MRS., 115, St. George's-road, London, S.W.
- HOOPER, GORDON, L.D.S.R.C.S., 21, New Cavendish-st., Harley-st., W.
- HOOPER, MRS. PITMAN, 5, Endsleigh-street, Tavistock-square, W.C.
- HOPKINSON, PROF. ALFRED, M.A., B.C.L., The Lodge, 32, Herne Hill, S.E.
- HOPPS, JOHN PAGE, Oak Tree House, South Norwood Hill, London, S.E.
- HORNE, ALDERSON B., Ditton-place, Balcombe, Sussex.
- HORRACK, PHILIP J. DE, 4, Rue du Général Foy, Paris.
- HOWARD, THE LADY MABEL, Greystoke Castle, Penrith.
- HOWE, E. R. J. GAMBIER, 7, New-square, Lincoln's Inn, London, W.C.
- HOWELL, ALEXANDER, 109, High-street, Portsmouth.
- HUDDLESTON, MRS., Llwynderw, Welshpool, Montgomeryshire.
- HUDSON, NORMAN W., B.A., Pebble Hill, Limpsfield, Surrey.
- HUGHES, MAJOR H. M., F.R.G.S., Rose Bank, Marden Park, Caterham Valley, Surrey.
- HUME-ROTHERY, J. H., B.Sc. (Lond.), The Pines, Worcester Pk., Surrey.
- HUMFREY, MISS L. R., 8, Hyde Park Mansions, London, W.
- HUNTER, THOMAS, Elmhurst, Hillmorton-road, Rugby.
- HUTCHINS, D. E., Conservator of Forests, Cape Town.
- HUTCHINSON, F. W. H., M.A., Brooklands House, Avenue, Cambridge.
- HUTCHINSON, WILLIAM B., C.E., F.R.A.S., &c., Southport, Lancashire.
- HYSLOP, DR., Bethlem Hospital, London, S.E.
- INFIELD, H. I., 130, North-street, Brighton.
- INGHAM, CHARLES B., Moira House, Eastbourne.
- INGHAM, PERCY B., Moira House, Eastbourne.
- INNES, LADY, Winslow, Darling Point, Sydney, New South Wales.
- IRELAND, WM. W., M.D. (Edin.), Mavisbush, Polton, Midlothian, N.B.
- ISAACHSEN, REV. THORVELD E., 44, Boompjes, Rotterdam.
- JACKSON, REV. F., The Vicarage, Newton-upon-Rawcliffe, Pickering.
- JACKSON, WILLIAM H., M.A., F.L.S., Pen Wartha, Weston-super-Mare.

- JACKSON, MISS E. R., S. Hilda's School, Clifton-road, Newcastle-on-Tyne.
Jameson, F., 6, Westbourne Park-villas, London, W.
JEAFFRESON, REV. H. H., M.A., Villa degli Angoli Fiesole, Florence
JEBB, REV. H. GLADWYN, M.A., Firbeck Hall, Rotherham.
JEBB, MRS., Springfield, Newnham, Cambridge.
JEBB, MISS S. G., Overton, Lansdowne-road, Bournemouth.
Jeffreys, Mrs., Glandyfi Castle, Glandovey, R.S.O., North Wales.
*JENKINS, E. VAUGHAN, Energlyn, 38, St. Margaret's-road, Oxford.
JEVONS, F. B., Litt. D., Hatfield Hall, Durham.
JESSUP, A. E., Villa St. Dominique, Valescure, St. Raphael, (Var), France
Jeune, Lady, 37, Wimpole-street, London, W.
Jhones, Mrs., Dolaucothy, Llanwrda R.S.O., South Wales.
JOHNSON, MISS ALICE, Llandaff House, Cambridge.
JOHNSON, REV. WAYLAND, LL.D., Fredon, Sussex Co., New Jersey, U.S.A.
JOHNSTON, MISS M. F., The Writer's Club, Hastings House, Norfolk-street, Strand, W.C.
JONES, CAPTAIN HENRY MICHAEL, V.C., H.B.M. Legation, Lima, Peru.
JONES, SIR LAWRENCE J., BART., Cranmer Hall, Fakenham, Norfolk.
JONES, MISS CONSTANCE, Girton College, Cambridge.
JONES, PROFESSOR P., 64, Via Sta. Lucia, Naples.
Joyce, Samuel, Latchford House, Greenheys-lane, Manchester.
KANE, J. G. AURIOL, Sloperton Lodge, Kingstown, co. Dublin.
Kay, H. A., 71, Maida-vale, London, W.
KEARNE, PERCY, 37, Avonmore-gardens, West Kensington, W.
KEEP, A. P. PERCEVAL, M.A., 26, Vanbrugh-park, Blackheath, S.E.
Kelso, Commander R.N., Horkesley Park, Colchester.
KENMARE, THE COUNTESS OF, Killarney House, Killarney.
KER, C. B., M.D., Hadley House, Cheltenham.
Kerr, George, M.A., M.B., 6, St. Colme-street, Edinburgh.
*KEULEMANS, J. G., 13, York-terrace, Brewery-road, Southend.
King, Miss, 50, Gloucester-gardens, Hyde Park, London, W.
KINGSBURY, GEORGE C., M.D., 3, Brighton-parade, Blackpool.
KINGSTON, H. D. R., M.B., Stormont Lodge, Willesden, N.W.
*KIRK, JOSEPH, 35, Ripon-road, Plumstead, Kent.
KNIGHT, CHARLES N., M.A., 31, Holland-park, London, W.
Knowles, Ernest, Inglehurst Park-road, Bolton-le-Moors.
KNOX, NATHANIEL, Adelaide Club, Adelaide, South Australia.
KNUTSFORD, THE LADY, 75, Eaton-square, London, S.W.
KOTHEN, BARON AXEL VON, 27, Mikealsgatan, Helsingfors, Finland.
LACH-SZYRMA, REV. W. S., M.A., F.R.H.S., Barkingside Vicarage, Ilford.
Lafone, A. W., M.P., Springfield, Oatlands Park, Walton-on-Thames.
LAING, R. M., M.A., B.Sc., Boys' High School, Christchurch, New Zealand.
Lamplugh, Rev. David, M.A., Rokeby Rectory, Barnard Castle.
LANCASTER, ERNEST LE C., M. B., Winchester House, Swansea.

- LAURIE, PROF. H., LL.D., Melbourne, South Australia.
 LEADAM, ISAAC S., 1, The Cloisters, Temple, London, E.C.
 LEAF, ARTHUR H., 9, St. Paul's Churchyard, London, E.C.
 LEAF, MRS., The Green, Marlborough.
Leaf, Walter, Litt. D., 6, Sussex-place, Regent's Park, London, N.W.
 LEAF, MRS. WALTER, 6, Sussex-place, Regent's Park, London, N.W.
 LEE, REV. W. T., 4, Edith-terrace, Mount Gold-road, Plymouth.
 LEGGE, THE LADY FRANCES, Woodsome, Huddersfield.
 LEIGH, W. AUSTEN, M.A., 2, Norfolk-crescent, Hyde Park, London, W.
 LEVY, MRS., 16, Campden House-road, Campden Hill, London, W.
 LEWIS, C. W. MANSEL, Stradey Castle, Llanelly, Carmarthenshire.
Leycester, Mrs., 6, Cheyne-walk, Chelsea, London, S.W.
 LIBRARIAN (HON.) of the Constitutional Club, Northumberland-av., W.C.
 LIBRARIAN, Grosvenor Library, Buffalo, New York, U.S.A.
 LIBRARIAN, Guildhall Library, London, E.C.
 LIBRARIAN, Leeds Library, Commercial-street, Leeds.
 LIBRARIAN, New York Public Library, New York, U.S.A.
 LIBRARIAN OF THE PUBLIC LIBRARY, Adelaide, South Australia.
 LIBRARIAN OF THE PUBLIC LIBRARY, Melbourne, Australia.
 LIBRARIAN, School of Arts, Brisbane, Queensland.
 LIMOND, MISS CATHERINE, 15, Eaton-terrace, London, S.W.
 LINDEN, MISS OLGA, 3, Versailles Road, Anerley, S.E.
 LINDSAY, MISS BEATRICE, Bohemia, Port St. Mary, Isle of Man.
 LINDSAY, R., L.R.C.S., M.B., c/o Messrs. Holt & Co., Whitehall-place, S.W.
 LLOYD, MAJOR FRANCIS, 22, Cadogan-square, London, S.W.
 LLOYD, OTHO HOLLAND, 6, Place d'Armes, Canton Neuchatel, Switzerland.
 LLOYD, THOS. EDWARD, J.P., Coedmore, Cardigan.
Lodge, Professor O. J., D.Sc., F.R.S., 2, Grove-park, Liverpool.
 LODGE, ROBERT, Laurie Lodge, Meads, Eastbourne.
 LOEWE, HUGO L., 3, Southampton-street, London, W.C.
 LOVELL, REGINALD H., 449, Collins-street, Melbourne.
 LUCAS, HENRY, "Thirlmere," Anderton Park-rd., Moseley, Birmingham.
 LUDLOW, COL. WILLIAM, Army Building, New York, U.S.A.
 LUNN, CHARLES, 24, Avonmore-road, West Kensington, W.
 LUXMOORE, MISS, Bryn Asaph, St. Asaph, North Wales.
 LYALL, MISS FRANCES E., Fetcham, near Leatherhead.
 LYTELTON, HON. MRS. ARTHUR, The Vicarage, Eccles, Manchester.
 LYTELTON, SYBELLA LADY, 9, Bryanston-square, London, W.
 MACALISTER, PROFESSOR A., M.D., F.R.S., Torrisdale, Cambridge.
MacColl, Rev. Canon Malcolm, M.A., Devonshire Club, St. James's, S.W.
 *MACDONALD, REV. J. A., Broadstairs, Kent.
 MACINTYRE, MISS G. C., 145, Victoria-street, London, S.W.
 MACINTYRE, JOHN, M.B., F.R.S.E., 179, Bath-street, Glasgow.

- MACKAY, GEORGE D., Inveralmond, Cramond, Midlothian, N.B.
MACKY, DR., 4, Curzon-street, Mayfair, W.
MALDEN, WILLIAM E. P., Trinity College, Cambridge.
Manders, H., F.R.C.S., Agincourt House, Yorktown, Farnborough.
*MANGIN, MARCET, 102, Rue Erlanger, Paris.
MANN, REV. FREDERIC, M.A., Grange House, Chigwell, Essex.
MANTELL, MISS BERTHA, 6, Shalston Villas, Ewell-road, Surbiton Hill.
MARJORIBANKS, LADY, Tillmouth Park, Cornhill-on-Tweed, Northumberland.
MARSH, EDWARD H., B.A., 30, Bruton-st., Berkeley-sq., London, W.
MARSHALL, ARTHUR, 13, Belsize-avenue, London, N.W.
MARSHALL, WILLIAM CECIL, M.A., 28, Bedford-square, London, W.C.
MARTEN, MISS A. R., 78, Vanbrugh-park, Blackheath, S.E.
Martin, Miss A. E., 34, Elvaston-place, Queen's Gate, S.W.
MARTIN, MISS FLORENCE R., 65, Cornwall-gardens, London, S.W.
MARTIN, MRS. J. BIDDULPH, 17, Hyde Park Gate, London, S.W.
Martinez, Mrs., 16B, Hyde Park-mansions, London, W.
MARTINEAU, ALFRED EDWARD, Chief Court, Lahore, India.
MASON, MISS M. H., Morton Hall, Retford, Notts.
Massey, Charles C., 124, Victoria-street, London, S.W.
MASTERMAN, CHARLES F. G., B.A., Christ's College, Cambridge.
MATHEWS, G. B., B.A., 9, Menai View-terrace, Upper Bangor, North Wales.
MATTHEWS, FRANK H., 22, Wentworth-street, Bolton, Lancashire.
Matthews, Mrs., 15, Stanley-gardens, London, W.
MAUD, MISS CONSTANCE, Sanderstead Rectory, near Croydon.
Maxwell, Sir John Stirling, Bart., M.P., 48, Belgrave-square, London, S.W.
MAXWELL, JOSEPH, 37, Rue Thiac, Bordeaux, France.
MAYO, ERNEST S. G., 5, Castle-arcade, Cardiff.
MAYOR, R. G., King's College, Cambridge.
McALPINE, MRS., Dalnottar, Kirkpatrick, Dumbartonshire.
McCLURE, HENRY, M.D., Cromer, Norfolk.
McCONNEL, H. W., M.A., M.B., M.R.C.S., Manor House, Ryburgh, Norfolk.
McHUGH, P. A., M.P., Sligo.
McKERLIE, MISS HELEN G., Monkstown, co. Dublin.
McLachlan, David B., Grosvenor House, Ridgway, Wimbledon.
McLAREN, MRS. C., 45, Harrington-gardens, London, S.W.
McLAUGHLIN, E. N., Trinity Villa, Spanish Town, Jamaica.
McNEILY, A. J. W., Q.C., Supreme Court, St. John's, Newfoundland.
MEATH, THE MOST REV. THE BISHOP OF, Navan, Co. Meath.
MEDEIROS E ALBUQUERQUE, JOSÉ DE, Rua S. Christovam, 36, Rio Janeiro, Brazil.
MELLOR, MISS EMILY, The Cottage Hospital, Wellington, Somerset.
MERRILEES, J. F., M.D., Auburn, Victoria.

- METCALF, FRANCIS W. R., Southborough, Tunbridge Wells.
Micklethwait, Richard K., Ardsley House, Barnsley.
Miles, Miss, Woodhill, Gerrards Cross, Bucks.
Milford, The Lady, 16, Hill-street, Berkeley-square, W.
MILLER, MRS. W. PITT, Merlewood, Grange-over-Sands, Lancashire.
MILLS, THOMAS E., Cabra Parade, Dublin.
MITCHELL, MRS. C. W., 195, Queen's Gate, London, S.W.
MITCHNER, J. H., Acacias, Barham Road, South Croydon.
MOLESWORTH, SIR GUILFORD L., K.C.I.E., Simla, India.
Money, Colonel Gerard Noel, C.B., F.R.G.S.
Money-Coutts, Francis Burdett, Walsingham House, Piccadilly, W.
Montagu, The Lady Cecil Scott, The Lodge, Beaulieu, Southampton.
MONTEAGLE, THE LORD, K.P., Mount Trenchard, Foynes, co. Limerick.
MONTGOMERY, MRS., 9, Hartley-road, Exmouth.
MONTMORENCY, J. E. G. de, B.A., L.L.B., 20, Old-bldngs., Lincoln's Inn, W.C.
MOORE, LIEUT.-GENERAL MONTGOMERY, Bellevue, Halifax, Nova Scotia.
MORGAN, REV. EDWARD, B.A., Penmark Vicarage, Cowbridge.
MORISON, MRS. MILLER, 3, Douglas-crescent, Edinburgh.
MORISON, THEODORE, M.A., Aligarh, N.W.P., India.
MOUL, MRS., 3, Prince's Mansions, Victoria-street, London, S.W.
MOULTON, MRS. F. A., 659, Fifth Avenue, New York, N.Y., U.S.A.
Mount-Temple, The Lady, Babbacombe Cliff, Torquay.
MOYNIHAN, B. G. A., M.B. (Lond.), The General Infirmary, Leeds.
MUNRO, H. A., M.R.C.S., L.R.C.P., Lulworth, Bushey Green, Catford
Murray Donald, M.A., *Sydney Morning Herald* Office, Sydney, N.S.W.
MURRAY, PROFESSOR GEO. G. AIMÉ, B.A., The University, Glasgow, N. B.
MURRAY, MRS. G. A., 10, Hyde Park Mansions, London, N.W.
MURRAY, COLONEL HUGH H., R.A., 28, Gower-street, London, W.C.
MURRAY, R. M., M.A., M.B., M.R.C.P. (Edin.), 11, Chester-st., Edinburgh.
MURRAY, SYDNEY J., 70, Cecile-park, Crouch Hill, London, N.
MURRAY, T. DOUGLAS, 29, Albemarle-street, London, W.
Murray-Aynsley, Mrs., 43, Cromwell-houses, Queen's-gate, S.W.
Myers, Frederic W. H., M.A., Leckhampton House, Cambridge.
MYERS, MRS. F. W. H., Leckhampton House, Cambridge.
MYLNE, MRS., 83, Gloucester-terrace, Hyde Park, London, W.
NEATE, P. J., F.G.S., M.T.M.E., Belsize, Watts-avenue, Rochester.
NELSON, REV. GEORGE, LL.D., St. Michael's Vicarage, Bromley, Poplar, E.
NELSON, MRS. R. A., Redbourne, East Molesey Park, Surrey.
NEWBOLD, MISS A., 4, Artillery-buildings, Victoria-street, London, S.W.
Newmann, Oscar P., 84, Newman-street, London, W.
NEWTON, REV. R. HEBER, East Hampton, Suffolk Co., New York, U.S.A.
NICHOLL, ILTYD B., The Ham, Cowbridge, South Wales.
NICHOLLS, REV. T. B., M.A., St Oswald's College, Tynemouth.

- NICHOLSON, SIR CHARLES, BART., D.C.L., LL.D., M.D., The Grange, Totteridge, Herts.
- NICHOLSON, MRS. R. W., 32, Cadogan-square, London, S.W.
- NICOLSON, SIR A., K.C.I.E., C.M.G., British Legation, Tangier, Morocco.
- *NISBET, E. T., 17, Latimer-street, Tynemouth.
- NOBLE, JAMES B., M.R.C.S., L.R.C.P., 167, Kennington Park-road, S.E.
- Noel-Cox, H. L. N., Southville, Lewin-rd., Streatham-common, S.W.
- Norman, Mrs. Herbert G. H., 5, Southwell-gdns, S. Kensington, S.W.
- Norris, Professor Richard, M.D., F.R.S.E., Birchfield, Aston, Birmingham.
- NORRIS, WILLIAM ALFRED, Holmwood Lodge, Laton-road, Hastings.
- NORTHCOTE, HON. HUGH OLIVER, The Hyde, Luton.
- NUTTER, MRS., Fairseat, Wrotham, Kent.
- OATES, F. EDWARD, St. Peter's Presbytery, Gloucester.
- *OCHOROWICZ, DR. J., 23, Rue Vladimir, Warsaw.
- Ogilvy, Mrs. N. Hamilton, Biel, Prestonkirk, East Lothian, N.B.
- OGILVIE, MRS., c/o Dr. Ogilvie, H.M. Chief Inspector of Schools, Edinburgh.
- OMAN, CHARLES W. C., M.A., All Souls' College, Oxford.
- O'NEILL, GREGORY L., M.B., 291, Elizabeth-st., Sydney, New South Wales.
- OPIE, EDWARD A. D., J.P., Pirie-street, Adelaide, South Australia.
- ORR, MRS. SUTHERLAND, 11, Kensington-park-gardens, London, W.
- PACK-BERESFORD, DENIS R., Fenagh House, Bagnalstown, Co. Carlow.
- PAGAN, MISS C., Marston Lodge, Harrow.
- PAGET, LADY, Villa Bellosguardo, Florence.
- Palmer, Miss, 3, Carlisle-place, Victoria-street, London, S.W.
- PANTON, D. MORRIESON, 84, Park-street, Grosvenor-square, London, W.
- PASSINGHAM, MRS., Fermoyle, Castle Gregory, Co. Kerry.
- PEDLEY, CHARLES HERBERT, Winterley House, near Crewe.
- PENNINGTON, MRS., c/o William Watson & Co., 28, Apollo-st., Bombay.
- PERCIVAL, MRS., 2, Southwick Place, London, W.
- Perez, Dr. Jorge, Puerto de Orotava, Teneriffe, Canary Islands.
- PERRY, E. C., M.D., M.A., Superintendent's House, Guy's Hospital, S.E.
- PETHYBRIDGE, WALTER, 3, Rhodesia-road, Clapham Rise, S.W.
- Petrovo-Solovovo, Michael, 38, Serghievskaja, St. Petersburg.
- PHILLIPS, REV. J. T., 147, Beaufort-hill, Beaufort, Mon.
- Phipps, Miss, Knebworth House, Stevenage, Herts.
- PICKERING, JAMES R., A.I.E.E., 5, Carew-road, Thornton Heath.
- Pilcher, Giles T., 29, Dawson-place, London, W.
- PLAYFORD, LOUIS L., P.O. Box, 377, Johannesburg, Transvaal, S. Africa.
- PLENDERLEITH, WILLIAM, 126, Stroud Green-road, Finsbury Park, N.
- Podmore, Frank, M.A., 32, Well-walk, Hampstead, N.W.
- POLLOCK, MISS, 50, Weymouth-street, London, W.
- PONSONBY, HON. MRS., 2, Wilton-terrace, Belgrave-square, S.W.
- PONSONBY, MISS, Rye Vale, Leixlip, co. Kildare.

- PONTIFEX, MISS, 72, Cornwall-gardens, London, S.W.
 POPE, GEORGE H., M.A., B.C.L., Merchants' Hall, Bristol.
 PORTER, MRS., Sydney House, Westcliffe-road, Bournemouth.
 *PORTER, MISS, 16, Russell-square, London, W.C.
 PORTSMOUTH, THE COUNTESS OF, 2, Abbey-gardens, Westminster, S.W.
 POWELL, MISS CONSTANCE M., 5, Campden Hill-square, London, W.
 POWELL, GEORGE THOMPSON, Rotherwood, Sydenham Hill, S.E.
 POWLES, LEWIS CHARLES, M.A., 9, Queen's Gate-place, London, S.W.
 POWYS, HON. MRS. FOX, 29, Albion-street, Hyde Park, London, W.
 PRAED, MRS. CAMPBELL, 16, Talbot-square, Hyde Park, London, W.
 PRESCOTT, MISS FRANCES E., 152, Cromwell-road, London, S.W.
 PRIBITKOF, V., 67, Nevsky Prospect, St. Petersburg.
 PULLEN, MISS, Milton View, Elsecar, Barnsley, Yorkshire.
 PUMPHREY, MRS., Derwent-hill, Ebchester, co. Durham.
 PURDIE, MRS., 27, Palace-court, London, W.
 PYM, MRS. ANGELA, Bankside, Lunham-road, Upper Norwood, S.E.
 RADNOR, THE COUNTESS OF, 52, Grosvenor-street, London, W.
 RAMSAY, PROFESSOR WILLIAM, Ph.D., F.R.S., 12, Arundel-gardens, W.
 RAMSAY, LADY, 23, Draycot-place, Cadogan-gardens, London, S.W.
 RAMSDEN, MISS, Bulstrode, Gerrard's Cross, Bucks.
 RAPER, R. W., M.A., Trinity College, Oxford.
 RAUPERT, REV. J. G. F., 30, Belsize-square, London, N.W.
Rayleigh, Clara Lady, 90, Onslow-gardens, London, S.W.
 READE, HERBERT V., 6, Scarsdale Villas, Kensington, London, W.
 REICHEL, PRINCIPAL H. R., M.A., University College, Bangor.
 RENSBURG, MISS NETTA L., 37, Croxteth-road, Sefton Park, Liverpool.
 REYNOLDS, COLONEL H. C., Thorncliffe, Cheltenham.
 REYNOLDS, MRS., Millington House, Thelwall, near Warrington.
 RICHARDSON, FREDERIC WILLIAM, F.C.S., 2, Farcliffe-place, Bradford.
 RICHARDSON, MISS J., 72, Hamilton-terrace, London, N.W.
 RIDDIFORD, MRS. W. H., Chalfont, Barnwood, near Gloucester.
Ridley, Henry N., M.A., F.L.S., Singapore.
 RIDLEY, MISS, Stagshaw, Daleham-gardens, London, N.W.
Robb, Mrs., 46, Rutland Gate, London, S.W.
 ROBERTS, WILLIAM JOHNSON, 146, Pembroke-road, Dublin.
 ROBERTS, REV. W. W., 39, Addison-gardens, Kensington, W.
 ROBERTSON, GEORGE M., M.B., Royal Asylum, Morningside, Edinburgh.
 ROBERTSON, MRS., Nether Scale Hall, Ashby-de-la-Zouch.
 ROBERTSON, MISS N., Alfriston House, Alfriston, Sussex.
 ROBIN, PERCY A., B.A., George-street, Parkside, Adelaide, Australia.
 ROBINSON, EDWARD, C.E., F.R.A.S., 4, Castelnau-gardens, Barnes, S.W.
 ROBINSON, LADY, 4, Belgrave-place, London, S.W.
 ROBINSON, DR. WILLIAM NEWMAN, Kadina, South Australia.
 RODEWALD, ALFRED E., The Albany, Liverpool.

- *ROGERS, E. DAWSON, Rose Villa, Church End, Finchley, N.
 Rogers, Rev. E. H., M.A., Foxley Lodge, West Worthing, Sussex
 Rogers, George F., M.A., M.D., 4, King's Parade, Cambridge.
 ROGERS, R. S., M.C., Flinders-street, Adelaide, South Australia.
 Roome, Henry A., J.P., Oudenarde, Victoria-road, Southsea.
 Rothschild, Mrs. Leopold de, 5, Hamilton-place, London, W.
 ROXBURGH, R., M.B., F.R.C.S.E., 1, Victoria-bdgs., Weston-super-Mare.
 Rücker, Professor A. W., F.R.S., 19, Gladhow-gardens, S.W.
 RUSHTON, C. H., 7, Queen Elizabeth's-walk, Stoke Newington, N.
 RUSSELL, MRS. CAMPBELL, Golden Mead, Chislehurst.
 RUSSELL, JOHN, B.A., Cripplegate, Woking.
 Rylands, T.G., F.L.S., F.G.S., Highfields, Thelwall, near Warrington.
 SAJOUS, CHARLES E. de M., M.D., 2, 043, Walnut-street, Philadelphia, U.S.A.
 SALMOND, PERCY N., Captain 3rd Royal Scots, 1, Easby Drive, Ilkley.
 SAMALDAS, LALUBHAI, Chief Revenue Officer, Bhavnager, Bombay
 Presidency, India.
 SAMPSON, COLONEL DUDLEY, Buxshalls, Lindfield, Hayward's Heath.
 SAMS, REV. GEORGE F., M.A., Emberton Rectory, Newport Pagnell.
 SANDERSON, J. MURRAY, B.A., London Hospital, London, E.
 SANGER, CHARLES PERCY, Trinity College, Cambridge.
 SAUNDERS, LATIMER HENRY, Trevone House, Padstow.
 Schiller, F.C.S., M.A., Corpus Christi College, Oxford.
 SCHRAM, MISS LILIAN M.E., 178, Earl's Court-road, London, S.W.
 SCHREIBER, MAJOR, 27, Fopstone-road, Earl's Court, London, S.W.
 SCHUSTER, MISS, 22, Old Queen-street, Westminster, S.W.
 SCHWABE, MRS. G. S., c/o Major-General Schwabe, G.O.C. Mauritius.
 Scott, Sydney C., Hatherleigh, 28, The Avenue, Gipsy Hill, London.
 SCRIPPS, T. CECIL, 4, Drapers'-gardens, London, E.C.
 *SCUDAMORE, MRS., 3, Tollington-park, Holloway, London, N.
 SCULL, MRS., The Pines, 2, Langland-gardens, Hampstead, N.W.
 SEILERN, COUNT CHARLES, 23, Wolmersley-road, Stroud Green, N.
 SELLIN, PROFESSOR C. W., 5, Wrangelstrasse, Hoheluft, Hamburg.
 SELOUS, EDMUND, Wamil Hall, Mildenhall, Suffolk.
 SEYMOUR, CAPTAIN EDWARD H., R.N., 9, Ovington-square, S.W.
 SHADWELL, MISS BLANCHE, Trewollack, Bodmin.
 SHAND, ALEXANDER F., 1, Edwardes-place, Kensington, W.
 Sharpe, J. W., M.A., Woodroffe, Portarlinton-road, Bournemouth.
 SHAW, REV. CHARLES J. M., The Orchard, Swanley, Kent.
 SHAW, MRS. W. N., Emmanuel House, Cambridge.
 SHEAVYN, ROBERT F., Long-street, Atherstone.
 SHELDON, MRS. L. V., 52, Queen's-rd., Marlborough-rd., London, N.W.
 *SHIELD, MRS., Bowers Gifford Rectory, Essex.
 SHOVE, MISS E., K.Q.C.P.I., M.B., 25, St. Mark's-cres., Regent's Pk., N.W.
 *SHUFELDT, DR. R. W., Smithsonian Institution, Washington, D.C., U.S.A.

- Sidgwick, Arthur, M.A.**, 64, Woodstock-road, Oxford.
 SIDGWICK, MRS. EDWARD, 25, Collingham-road, S.W.
Sidgwick, Professor Henry, Newnham College, Cambridge.
Sidgwick, Mrs. H., Newnham College, Cambridge.
Sims, F. Manley, F.R.C.S., 12, Hertford-street, Mayfair, W.
Sisley, Richard, M.B., Park-row, Knightsbridge, London, W.
 SKEFFINGTON, JOSEPH B., M.A., LL.D., Downpatrick, co. Down, Ireland.
 SKENE, MISS F. M. F., 13, New Inn Hall-street, Oxford.
 SLOMAN, SAMUEL GEORGE, 39, West-street, Farnham.
 SMITH, MRS. APSLEY, Flore House, Weedon, Northamptonshire.
 SMITH, MISS BEATRICE E., Lea, Grange-over-Sands, Lancashire.
 SMITH, G. ALBERT, St. Ann's Well, Brighton.
 SMITH, GEORGE M., Custom House, Amble, Northumberland.
Smith, Henry Arthur, Queen's Mansions, Brook Green, London, W.
 SMITH, H. BABINGTON, B.A., C.S.I., Government House, Calcutta.
Smith, John George, 87, Sloane-street, London, S.W.
 SMITH, MISS J. M., Hyde Park Court, Albert Gate, London, W.
Smith, Martyn, Abberton Hall, Pershore.
Smith, Philip Sherwood, 46, Johnson Park, Buffalo, N. Y., U.S.A.
 SMITH, REGINALD A., B.A., 78, Cranwich-rd., Amhurst-park, London, N.
Smith, R. Pearsall, 44, Grosvenor-road, London, S.W.
 SMITH, MRS., Barnes Hall, Sheffield.
 SNAPE, MRS., Markland Hill, Heaton, Bolton.
 SNOW, CHESTER A., 712, Eighth-street, Washington, D.C., U.S.A.
Somerset, The Lady Henry, Eastnor Castle, near Ledbury.
Speer, Mrs. Stanhope, Fairholme, Ventnor, Isle of Wight.
Speer, Charlton T., Glenhurst, The Common, Sutton, Surrey.
 SPENCER, MISS GEORGIANA M., 25, York-street, Portman-square, W.
 SPERLING, ARTHUR, J.P., Lattenbury Hill, St. Ives, Hunts.
 SPINKS, JUDGE, Vernon, British Columbia.
 SQUAREY ANDREW T., J.P., Gorse Hey, Bebington, Birkenhead.
 ST. GEORGE, MRS., 2, Jervis-place, Clonmel, Ireland.
Stainforth, Miss Emily, 15, Matheson-road, West Kensington, W.
Stanley, Henry M., M.P., D.C.L., LL.D., 2, Richmond-terrace, S.W.
 STANSFELD, J. B. EVELYN, M.A., Junior Carlton Club, Pall Mall, S.W.
 STAPLEY, RICHARD, 33, Bloomsbury-square, London, W.C.
 STAPLEY, MRS., 33, Bloomsbury-square, London, W.C.
Stead, William T., Cambridge House, Wimbledon, S.W.
Stearn, H. T., M.A., King's College, Cambridge.
Stephenson, Sir Augustus K., K.C.B., Q.C., 46, Ennismore-gdns, S.W.
 STEPNEY, HON. LADY, 3, Chesham-street, London, S.W.
 STEVENSON, ANDREW, M.A., 16, Warrender Park Crescent, Edinburgh.
 STEVENSON, GEORGE, c/o Messrs. Grindlay & Co., Hastings-st., Calcutta.
 STEWART, MRS. CHARLOTTE A., Largham, Coupar Angus, N.B.

- STEWART, MISS SUSAN, 89, Philbeach-gardens, London, S.W.
 STIRLING, J. M. MORRIES, Gogar House, Stirling, N.B.
 STONE, MRS. C. H., 5,562, Clemens-avenue, St. Louis, Mo.
 STOPP, PAUL, c/o Dresdner Bank, Dresden, Germany.
 STOUT, GEORGE F., M.A., St. John's College, Cambridge.
Strachey, John St. Loe, *Spectator* Office, 1, Wellington-st., Strand, W.C
 STURGES, MRS. WILLIAM, 32, Charles-street, Berkeley-sq., London, W.
Sturgis, Julian, M.A., 2, Gloucester-place, Portman-sq., London, W.
 *SUGDEN, REV. E. H., B.A., B.Sc., Bradford, Yorkshire.
Sullivan, W. R. Washington, Purleybury, Purley, Surrey.
 SUMMERSON, SAMUEL J., West House, Darlington.
 SWAN, C. A., 10, Delamere street, London, S.W.
 SWANWICK, MISS ANNA, 23, Cumberland-terrace, London, N.W.
 SWEENEY, HUBERT J. P., 17, Quay-street, Sligo.
 SWEETING, RICHARD, D.H., B.A., D.P.H., 6, Hereford Mansions, Hereford-road, Bayswater, W.
 SWIRE, COMMANDER HERBERT, R.N., H.M. Coastguard, Berwick-on-Tweed.
 SYMONS, MISS JESSIE H., 91, Wigmore-street, London, W.
 SYNGE, REV. F., M.A., 1, Daleham-gardens, South Hampstead, N.W.
 SZENTIRMAY DE DARVASTO, BELA MARIA JOSEPH DE, Austro-Hungarian Consulate, Alexandria, Egypt.
 TAIT, MRS. W. J., 131, Ashley-gardens, Victoria-street, London, S.W.
Talbot, The Lady Edmund, 26, Curzon-street, Mayfair, London, W.
 TANNER, ERNEST, Hazlehurst, Penarth.
Tanner, Slingsby, 104B, Mount-street, Berkeley-square, W.
 TATTERSALL, JAMES GRANVILLE, Hanover-square Club, London, W.
Tattersall, Robert W., 31, New Inn Hall-street, Oxford.
 TATTERSALL, WM., 90, High-street, Oxford.
 TAUNTON, MRS. R. H., Brook Vale, Witton, near Birmingham.
 TAYLOR, REV. ARNOLD D., B.A., Churchstanton Rectory, Honiton, Devon.
Taylor, Rev. Charles J., M.A., The Larches, Banstead, Surrey.
Taylor, Miss Edith, 9, Milner-square, London, W.
Taylor, Lieut.-Col. G. L. Le M., 6, College-lawn, Cheltenham.
 TEBB, A. E., M.D., 9, Langland-place, Finchley-road, Hampstead, N.W.
 TEBB, MRS., Rede Hall, near Burstow, by Horley, Surrey.
 TEMPLE, REGINALD W., Ashley House, Shaftesbury-avenue, W.C.
 TERRILL, GEORGE MORTON, M.D., 336, Post-street, San Francisco, California, U.S.A., (President of the California Psychical Society).
 THACKERAY, MRS. W. G., 32, Kidbrooke Park-road, Blackheath, S.E.
 THEOBALD, MORELL, 62, Granville-park, Lewisham, S.E.
 THOMAS, A. C., Korumburra, Gippsland, Victoria, Australia.
Thomas, J. W., F.I.C., F.C.S., 2, Hampstead Hill Mansions, N.W
 THOMPSON, I. C., F.L.S., F.R.M.S., 53, Croxteth-road, Liverpool.
 THOMSON, EDWARD JOHN, Glen Tower, Great Western-road, Glasgow.

- Thomson, Prof. J. J., M.A., F.R.S.**, Trinity College, Cambridge
 THURN AND TAXIS, H.I.H. THE PRINCESS ALEXANDER OF, Lautschin,
 Nimburg, Bohemia, Austria.
- THURSTAN, F. W., M.A., 17, Buckingham Gate Mansions, James-street.
 Buckingham Gate, S.W.
- TOOTH, REV. ARTHUR, M.A., Woodside, Croydon.
- TRENCH, J. TOWNSEND, J.P., Kenmare, Ireland.
- TREVOR, REV. THOMAS WARREN, M.A., Penmon Vicarage, Beaumaris.
- Tuckey, C. Lloyd, M.D.**, 88, Park-street, Grosvenor-square, W.
- TUKER, MISS MILDRED A.R., 4, Oxford and Cambridge Mansions, N.W.
- Tweedale, Mrs.**, Sunnyside, Maidenhead Bridge.
- TWEEDIE, DAVID M., Adelaide, South Australia.
- TYRER, MRS. W., Woodleigh, Prescot.
- Vacher, William H.**, 54, Addison Mansions, Kensington, S.W.
- VAILATI, PROFESSOR GIOVANNI, Crema, Italy.
- VAN EEDEN, FREDERICK, M.D., Bussum, Holland.
- VAN GRUISEN, MRS. A. H., Alcira, Bidston-road, Oxtou, Cheshire.
- VAN RENTERGHEM, A. W., M.D., 251, Keisersgracht, Amsterdam.
- VENN, J., D.Sc., F.R.S., Caius College, Cambridge.
- VERRALL, MRS., Selwyn-gardens, Cambridge.
- VERRALL, MISS M. E., 26, Gloucester-place, Brighton.
- VIAN-WILLIAMS, REV. H., 3, Waterlog-place, North Shields.
- VICKERS, MRS., 26, Queen's Gate-gardens, London, S.W.
- VILLAMARINA, THE MARCHESA DI, Palazza Reale, Quirinale, Rome.
- VINCENT, MARIA LADY, Villa Flora, Cannes, France.
- WADE, REV. WILLIAM, 19, St. Charles's-square, North Kensington, W
- Walford, Col. Neville L., R.A.**, 1, Ashburn place, London, S.W.
- WALKER, MRS. EMMA, Priors Barton, Winchester.
- WALKER, MRS. STEWART, 51, Elgin-crescent, Notting Hill, S.W.
- WALL, MISS M. M., 49, Lambert-road, Brixton Hill, S.W.
- Wallace, Abraham, M.D.**, 39, Harley-street, London, W.
- WALLOP, REV. EDWARD, Missionary Coll., Burgh le Marsh, R.S.O., Linc.
- WARBURTON, REV. W. T., M.A., St. James's Vicarage, Congleton.
- WARD, WILFRID, Molescroft, Eastbourne.
- WARD, THE HON. MISS, Castle Ward, Downpatrick.
- WARDROP, MRS., 10, Lower Belgrave-street, Eaton-square, S.W.
- WARRENDER, MISS MARGARET, 87, Eaton-square, London, S.W.
- WARTER, MRS. TATHAM, Longden Manor, Pontesford, Salop.
- WASSELL, H. A., F.R.A.S., Addenbrook Villa, Old Swinford, Stourbridge.
- WATSON, MRS. W. C., Colworth, Bedford.
- WAY, WILLIAM R., Hillside, Upminster, Essex.
- WEBBER-SMITH, COLONEL JAMES, 27, Shaftesbury-avenue, London, W.
- Webb, Godfrey**, 167, Victoria-street, London, S.W.
- WEDD, N., M.A., King's College, Cambridge.
- Welldon, Rev. J. E. C., M.A.**, Harrow-on-the-Hill, Middlesex.

- WELLS, EDMUND P., C.E., 26, Cambridge-gardens, N. Kensington, W.
WESTCOTT, WILLIAM WYNN, M.B., D.P.H., 396, Cam len-road, London, N.
Westlake, Ernest, F.G.S., Vale Lodge, Hampstead Heath, N.W.
WESTLAKE, MRS. ERNEST, Vale Lodge, Hampstead Heath, N.W.
WHERRY, G. E., F.R.C.S., Corpus-buildings, Cambridge.
WHISHAW, MRS. BERNHARD, 173, Maida Vale, London, W.
WHITAKER, JOSEPH J. S., Villa Malfitano, Palermo, Sicily.
White Leedham, D.L., F.C.S., 16, Wetherby-gdns., London, S.W.
Whitcar, Rev. W., B.A., 5, St. Andrew's road, Enfield.
WHITEHEAD, MISS MERCIA D., Mostyn House, Cambridge.
WHITING, J. MARKBY, 58, Tedworth-square, Chelsea, S.W.
WIGAN, W. L., Clare Cottage, East Malling, Maidstone.
WIGGLESWORTH, ALFRED, 157, Fenchurch-street, London, E.C.
Wilberforce, Rev. Canon Basil, M.A., 20, Dean's Yard, London
WILKINS, SILVANUS, 15, Victoria-street, Westminster, S.W.
WILLAN, MISS F. M., Mayfield House, Old Ford-rd., Bethnal Green, E.
WILLARD, MISS FRANCES E., Rest Cottage, Evanston, Chicago, U.S.A.
WILLETT, MRS., Bedales, Lindfield, near Haywards Heath, Sussex.
WILLIAMS, A. C. REDSHAW, 9, Upper Beulah-hill, Upper Norwood, S.E.
WILLIAMS, J. LEON, D.D.S., L.D.S., 30, George-street, Hanover-sq., W.
WILLIAMS, REV. NELSON G., M.A., Ketteringham, Wymondham, Norfolk.
WILLIAMS, MISS S., The Reservoir, Edgbaston, near Birmingham.
Willmott, Miss R., Warley Place, Great Warley, Essex.
WILSON, MISS, 7, Cromwell-terrace, Scarborough.
WILSON, DAVID H., M.A., 8, Jasper-road, Gipsy Hill, London, S.E.
Wilson, Robert, M.I.C.E., 7, St. Andrew's Place, Regent's Park, N.W.
WINGFIELD, H. E., M.A., 58, Tedworth-square, Chelsea, S.W.
*WINGFIELD, MRS., Belvidere Place, Church-road, Wimbledon.
Wisden, Lieut. Thomas F. M., Broadwater, near Worthing.
WITHERBY, ARTHUR GEORGE, B.A., 8, Kensington Palace-gardens, S.W.
WITHERS, J. J., B.A., 2, Museum Chambers, Bury-st., Bloomsbury, W.C.
WOEIKOW, ALEXIS, 9 Moika, St. Petersburg.
WOODD, MRS. BASIL, Leckby, Hollington Park, St. Leonard's-on-Sea.
Woodhouse, G. H., Heath Bank, Bolton.
Woods, John F., M.D., Hoxton House Asylum, London, N.
WRIGHT, MRS. ALMROTH E., Ingleside, Netley, Hants.
WYLD, GEORGE, M.D., Fieldhead, Wimbledon Park, S.W.
Wyndham, Hon. Percy, 44, Belgrave-square, London, S.W.
YEARSLEY, P. MACLEOD, M.R.C.S., L.R.C.P., Chalk-hill House, Kingsbury-Neasden, N.W.
Yorke, Hon. Alexander, 32A, Orchard-street, London, W.
YOUNG, PROF. W. H., 883, East Main-street, Columbus, Ohio, U.S.A.

N.B.—Members and Associates are requested to send information of any change of address to the ASSISTANT-SECRETARY, 19, BUCKINGHAM STREET, ADELPHI, LONDON, W.C.

MEMBERS AND ASSOCIATES OF THE AMERICAN BRANCH.

(FEBRUARY, 1898.)

*Names of Members are printed in **Black Type.***

Names of Honorary Associates are prefixed by an Asterisk.

Names of Associates are printed in SMALL CAPITALS.

All Addresses are "U.S.A." except when another Country is named.

- ABBOTT, HENRY W., 11, Commonwealth-avenue, Boston, Mass.
 ABBOTT, LAWRENCE F., 13, Astor-place, New York, N.Y.
 AGESLESTO, M., c/o Nusbaum Book & News Co., 274, Main-st., Norfolk, Va.
 ALBERY, MRS. H. M., Colusa, Colusa Co., Cal.
 ALBREE, JOHN, JUNR., Swampscott, Mass.
 ALBREE, JOSEPH, 20, Market-street, Allegheny, Pa.
 ALDEN, F. E., Vandergrift Building, Pittsburgh, Pa.
 ALDEN, HENRY M., Metuchen, New Jersey.
 ALEXANDER, DON, 253, Fourth-avenue, Louisville, Ky.
 *ALEXANDER, MRS. KEZIA E., Birmingham, Mich.
 ALEXANDER, W. L., Canton, Ohio.
 AMES, MISS EVELYN, c/o Messrs. Baring Bros., London.
 ANDERSON, PROFESSOR A. W., Macalester College, St. Paul, Minn.
 ANDERSON, RICHARD G., Deadwood, South Dakota.
 ARGÜELLES, DON PEDRO, Collector of Customs, N. Laredo, Mexico.
 ARNOLD, MISS FANNIE, 323, North 17th-street, Omaha, Neb.
 ATWOOD, DR. G. WILSON, 17, Tremont-street, Boston, Mass.
 AYER, J. C., M.D., Bellevue Hospital, New York, N.Y.
 BAKER, ALFRED L., 2641, Prairie-Avenue, Chicago, Ill.
 BALDWIN, ELBERT F., 13, Astor-place, New York, N.Y.
 BANCROFT, MRS. JOHN C., 61, Mount Vernon-street, Boston, Mass.
 BARBER, REV. GEORGE E., Marlborough, N.Y.
 BARKER, MRS. C. F., Ellis-ave. and Oakwood-boulevard, Chicago, Ill.
 BARKER, MISS JENNY M., 479, 4th-street, Manistee, Mich.
Barrows, C. M., The Aspinwall, 465, Washington-st., Brookline, Mass.
Bartlett, James W., 211, Central-avenue, Dover, N.H.
 BATES, CHARLES F., 2,642, Euclid-avenue, Cleveland, Ohio.
 BEALE, REV. CHAS. H., 33, Waverly-street, Roxbury, Boston, Mass.
 BEAM, MRS. JOHN V., JR., 10, West 30th-street, New York, N.Y.

- BELDEN, MRS. AMANDA W., 4,722, Woodlawn-avenue, Chicago, Ill.
BERRYHILL, MRS. JAMES G., Des Moines, Iowa.
Bigelow, Dr. W. S., 60, Beacon-street, Boston, Mass.
BLODGETT, C., M.D., 238, Maple-street, Holyoke, Mass.
BLODGETT, MRS., 238, Maple-street, Holyoke, Mass.
BOARDMAN, HON. W. F., Department of the Interior, Ottawa, Canada.
BOON, MRS. E. G., Molino di Sopra, Alassio, Liguria, Italy.
BOOTH, MRS. LUCY C., Great Barrington, Mass.
BOTH-HENDRIKSEN, MISS LOUISE, 166, Macon street, Brooklyn, N.Y.
Bowditch, C. P., 28, State-street, Boston, Mass.
BOWDITCH, PROFESSOR H. P., Jamaica Plain, Mass.
BOYD, MRS. ELLA F., Hyde Park, Mass.
Bradley, Miss A. A., Hingham, Mass.
Brimmer, Mrs. Martin, 47, Beacon-street, Boston, Mass.
BROMBERG, FREDERICK G., Mobile, Alabama.
BROOKS, HENRY, 115, Milk-street, Boston, Mass.
BROWN, ALFRED S., 195, Broadway, New York, N.Y.
BROWN, EDMOND C., 132, Nassau-street, New York, N.Y.
BROWN, HENRY T., Hillerest, Winchester, Mass.
BROWN, MRS. H. T., Hillerest, Winchester, Mass.
BROWN, REV. HOWARD N., 9, Louisburg-square, Boston, Mass.
BROWNE, G. H., 16, Garden-street, Cambridge, Mass.
BRUGUIÈRE, EMILE A., JUNR., 1,800, Franklin-st., San Francisco, Cal.
BRYAN, W., Houston, Texas.
BUFFET, DR. E. P., 520, Bergen-avenue, Jersey City Heights, N. J.
BULLARD, DR. W. N., 89, Marlborough-street, Boston, Mass.
BULLEY, R. H., Canton, Ohio.
BUNDY, MRS. JOHN C., 624, Sheridan-square, Evanston, Ill.
Butler, Miss Virginia, 31, East 69th-street, New York, N.Y.
CABOT, CAROLINE A., M.D., 126, West-48th St., New York City, N.Y.
Carey, A. A., 29, Fairfield-street, Boston, Mass.
CAREY, MRS. ARTHUR A., 29, Fairfield-street, Boston, Mass.
Carnochan, Gouverneur M., 46, Exchange-place, New York, N.Y.
CARPENTER, FRANKLIN R., M.A., Ph.D., Deadwood, South Dakota.
CARPENTER, MRS. FRANKLIN R., Deadwood, South Dakota.
CARPENTER, W. O., 517, Adams-street, Chicago, Ill.
CARR, LUCIEN, 163, Brattle street, Cambridge, Mass.
CARR, ROBERT S., Hamilton, Ohio.
CASEY, THEODORE B., 169, Park-street, Newton, Mass.
CAULKINS, SILAS, 310, Requena-street, Los Angeles, California.
CHARD, THOMAS S., 534, North State-street, Chicago, Ill.
CHASE, G. N. (Lieut. U.S. Army, Rtd.), Box 198, Santa Barbara, Cal.
CHASE, HARVEY S., 12, Newbury-street, Boston, Mass.
CHENEY, DR. FREDERICK E., 120, Marlborough-street, Boston, Mass.

- CHICK, FRANK W., Madrid, Franklin Co., Maine.
 CLAYPOLE, PROFESSOR E. W., 603, Buchtel-avenue, Akron, Ohio.
 CLOUGH, ALBERT L., Box 114, Manchester, N.H.
 CLOUGH, H. W., Nashville, Tenn.
 COCKERILL, MRS. R. D., Glasgow, Mo.
 COE, MRS. ANDREW J., P.O. Drawer, 101, New Haven, Conn.
 COFFIN, ABRAHAM B., Winchester, Mass.
 COLEMAN, MISS ANNE C., Lebanon, Pennsylvania.
 *COLEMAN, WILLIAM EMMETTE, Chief Quartermaster's Office, Phoenix Building, San Francisco, Cal.
 CONNER, MRS. E. A., c/o Miss Edmunds, 5, Boylston-place, Boston, Mass.
 COPE, PORTER F., The Bertram, 33rd & Chestnut-sts, Philadelphia, Pa.
 COOKE, DR. JOSEPH B., 269, West 138th-street, New York, N.Y.
 CORYELL, V. M., 310, Sixth-avenue, New York, N.Y.
 CRAFTS, PROF. JAMES M., 59, Marlborough-street, Boston, Mass.
Crosby, Mrs. Eleanor F., Gardner-road, Brookline, Mass.
 CROSBY, PROFESSOR W. O., Institute of Technology, Boston, Mass.
 CROTHERS, DR. T. D., Walnut Lodge, Hartford, Conn.
 CURRAN, RICHARD L., 60, Oneida-street, Utica, N.Y.
Curtis, W. E., 30, Broad-street, New York, N.Y.
 CUSHING, MISS ELEANOR P., 76, Elm-street, Northampton, Mass.
Dawson, Miles M., 136, Liberty-street, New York, N.Y.
 DELABARRE, PROF. E. B., 9, Arlington-avenue, Providence, R.I.
 DERBY, CAPTAIN GEORGE McC., 3,232, Prytania-st., New Orleans, La.
 DEWING, O. M., M.D., State Hospital, King's Park, Long Island, N.Y.
 DEXTER, MRS. GEORGE, Egmont-street, Brookline, Mass.
 DICKERMAN, REV. W. F., 276, Orange street, New Haven, Conn.
 DICKEY, CALVIN, M.A., Room 22, 94, Washington-street, Chicago, Ill.
 DIKE, MISS FLORENCE B., 156, Broadway, New York, N.Y.
 DILLARD, PROF. J. H., Tulane University, New Orleans, Louisiana.
 DIMMOCK, GEORGE, 38, Grant-street, Springfield, Mass.
 DIXON, GEORGE E., 82, West Jackson-street, Chicago, Ill.
 DOANE, MRS. W. E., Stockbridge, Mass.
 DODGE, JOSEPH T., 346, West Washington-avenue, Madison, Wis.
 DORR, MRS. C. H., 18, Commonwealth-avenue, Boston, Mass.
 DORR, GEORGE B., 18, Commonwealth-avenue, Boston, Mass.
Dow, Alexander, 1, West 83rd-street, New York, N.Y.
 DYER, WALTER H., Knightsville, Maine.
 EASTON, PROF. MORTON W., M.D., Ph.D., 224, South 43rd-st., Phila., Pa.
 EDMUNDS, MISS L., 5, Boylston-place, Boston, Mass.
Edwards, Mrs. Mary H., 161, Main-street, Keene, N.H.
 ELDRIDGE, PROF. E. H., The Temple College, Broad & Berks-streets, Philadelphia, Pa.
Ellis, Miss Lucy, 480, Beacon-street, Boston, Mass.

- ESTY, PROFESSOR WILLIAM C., Amherst College, Amherst, Mass.
ETHERIDGE, MISS FANNY S., 1,634, Michigan-avenue, Chicago, Ill.
EVANS, MISS ELLA K., 186, North-street, Buffalo, N.Y.
EVANS, MRS. GLENDOWER, 12, Otis-place, Boston, Mass.
EVERETT, PROFESSOR C. C., 53, Garden-street, Cambridge, Mass.
FARMER, MISS SARAH J., Eliot, Maine.
Felton, Thomas C., Hotel Ludlow, Boston, Mass.
FILLEBROWN, THOS., M.D., D.M.D., 157, Newbury-street, Boston, Mass.
FINNIGAN, JOHN, 61, Beekman-street, New York, N.Y.
FLETCHER, HORACE, 323, Baronne-street, New Orleans, Louisiana.
FLUHRER, REV. CHARLES, D.D., 95, Main-street, Albion, N.Y.
FORMAN, G. A., 824, Delaware-avenue, Buffalo, N.Y.
FORMAN, LAWRENCE C., 25, Dunster Hall, Cambridge, Mass.
FRANKLAND, FREDERICK W., 346, Broadway, New York, N.Y.
FROST, JON. B., 75, Peachtree-street, Atlanta, Ga.
FULLER, S. C., M.D., Insane Hospital, Westborough, Mass.
Fullerton, C. W., 94, Dearborn-street, Chicago, Ill.
FULLERTON, PROFESSOR G. S., Univ. of Penn., West Philadelphia, Pa.
Gage, Hon. Lyman J., 1715, Massachusetts-ave, Washington, D.C.
Gale, Prof. Harlow S., Univ. of Minnesota, Minneapolis, Minnesota.
GARDINER, DR. EDWARD G., 131, Mount Vernon-street, Boston, Mass.
GARDINER, PROFESSOR H. N., 23, Craft's Avenue, Northampton, Mass.
GARDINER, J. HAYS, Grays, 18, Harvard Univ., Cambridge, Mass.
Gardner, Mrs. John L., 152, Beacon-street, Boston, Mass.
GAY, WALTER, 73, Rue Ampère, Paris, France.
GEHRING, ALBERT, 626, Pearl-street, Cleveland, Ohio.
Gerrish, Dr. F. H., 675, Congress-street, Portland, Maine.
GODDARD, GEORGE A., 1, Mount Vernon-place, Boston, Mass.
GOODALE, HENRY STERLING, 400, West 57th-street, New York, N.Y.
GOODNOW, H. R., 95, Riverside Drive, New York.
GORTON, DR. D. A., 174, Clinton-street, Brooklyn, N.Y.
GRAY, MRS. JOHN C., 176, Beacon-street, Boston, Mass.
GREENE, BERTRAM, 6, Louisburg-square, Boston, Mass.
GREER, W. R., c/o S. C. Loan and Trust Company, Charleston, S.C.
GRIDLEY, J. N., Virginia, Ill.
GRIFFIN, MRS. JOSEPHINE, 547, Dearborn-avenue, Chicago, Ill.
GRIFFIN, REV. R. A., P.O. Box 6, South Billerica, Mass.
GRIFFING, MRS. J. R., 196, Lexington Avenue, New York, N.Y.
GROSS, MRS. S. E., 48, Lake Shore Drive, Chicago, Ill.
Grower, George G., Ansonia Brass and Copper Co., Ansonia, Conn.
HALL, A. D., M.A., Morgan Hall, 1,713, Nicollet-ave., Minneapolis, Minn.
HALL, PROFESSOR JAMES, Room 32, State Hall, Albany, N.Y.
HALL, JAMES P., 6, Poplar-street, Brooklyn, N.Y.
HALL, DR. T. P., Tabor, Fremont Co. Iowa.

- HAMILTON, C. M., M.D., 45, Court-street, Binghampton, N.Y.
 HAPGOOD, MRS. CHARLES H., Alton, Ill.
 HARDAWAY, W. A., M.D., 2,922, Locust-street, St. Louis, Mo.
Harden, Judge William D., Savannah, Georgia.
 HARRIS, WILLIAM T., LL.D., 1,303, P.-street, N.W. Washington, D.C.
 HARTSHORNE, CHARLES H., 57, Bentley-avenue, Jersey City, N.Y.
 HARTZELL, F. S., 96, North Walnut-street, Canton, Ohio.
 HARVEY, ANSON B., M.A., 140, North 16th-street, Philadelphia, Pa.
Haworth, George D., Decatur, Ill.
 HAYNES, HENRY W., 239, Beacon-street, Boston, Mass.
 HAYWARD, ALVINZA, 532, Market-street, San Francisco, Cal.
 HEILNER, REV. S. A., D.D., 1,410, Christian-street, Philadelphia, Pa.
Hemenway, Augustus, Readville, Mass.
 HEYWOOD, CHARLES, Gardner, Mass.
 HICKS, BENJ. D., Old Westbury, Queen's Co., N.Y.
Higbee, Col. George H., Burlington, Iowa.
Hill, Mrs. A. S., c/o Messrs. Baring Bros., London, E.C.
 HODGSON, RICHARD, LL.D., 5, Boylston-place, Boston, Mass.
 HODGSON, DR. THOMAS, Gertrude-street, Fitzroy, Melbourne, Australia.
 HOLBROOK, LEVI, P. O. Box 536, New York, N.Y.
 HOLBROOK, DR. M. L., 46, East 21st-street, New York, N.Y.
 HOLLADAY, PROF. WALLER, 120, Broadway, New York, N.Y.
 HOLMES, MRS. JULIA SADLER, 28, West 120th-st., New York, N.Y.
 HOLMES, REV. S. V. V., Westminster Church, Buffalo, N.Y.
Holt, Henry, 29, West 23rd-street, New York, N.Y.
 HOOPER, MISS E. R., 141, Beacon-street, Boston, Mass.
 HOSKIN, JOHN, 4,100, Locust-street, Philadelphia, Pa.
 HOUSEHOLDER, FRANK, Kansas City Stock Yards, Kansas City, Mo.
 HOWLAND, MISS B. M., cor. Carver and Museum-sts., Cambridge, Mass.
 HUDSON, THOMSON JAY, 10, Ninth-street, S.E., Washington, D.C.
 HULL, MISS P. C., 22, John-street, Providence, R.I.
 HUSE, WM., Ponca, Dixon Co., Nebraska.
 HUTCHINSON, MISS MARY S., 2,006, De Lancey-place, Philadelphia, Pa.
 HYSLOP, PROFESSOR J. H., Columbia College, New York, N.Y.
 JACKSON, MRS. LOUISA S., 16, Rue Auguste Vacqueria, Paris, France.
James, Dr. H. F., 2,627, Olive street, St. Louis, Mo.
James, Professor William, 95, Irving-street, Cambridge, Mass.
Jefferson, J., Buzzard's Bay, Mass.
Jenks, Mrs. P. A., 290, Marlborough-street, Boston, Mass.
 JOHNSON, CHARLES R., Box 492, 405, Main-street, Worcester, Mass.
 JOHNSON, PROFESSOR ROGER B. C., Miami University, Oxford, Ohio.
 JOLINE, MRS. ADRIAN H., 1, West 72nd-street, New York, N.Y.
 JONES, MISS ALICE, Santa Monica, Los Angeles Co., Cal.
 JONES, GEORGE H., 561, Madison-avenue, New York, N.Y.

- KENNEDY, MISS LEILA M., 715, Forman-park, Syracuse, N.Y.
 KIDD, G. W., 853, Fifth-avenue, New York, N.Y.
 KIMBALL, DR. F. H., Rockford, Ill.
Kimball, Miss Hannah P., 325, Common wealth-ave., Boston, Mass.
Kinney, Thomas W., 220, East Third street, Portsmouth, Ohio.
 KNOWLES, REV. EDWARD R., LL.D., Lock Box 15, Oxford, Mass.
 KOPTA, MADAME FLORA P., Gut Podmok in Podmok, Post Shüttenhofen, Bohemia, Europe.
 KREBS, REV. STANLEY L., Reading, Pa.
 KUHN, HAMILTON, 36, Commonwealth-avenue, Boston, Mass.
 LAMONT, ROBERT G., 68, St. James's-place, Brooklyn, N.Y.
 LANE, MRS. CHARLES D., Angels Camp, Calaveras County, California.
 LANGLEY, PROFESSOR S. P., Smithsonian Institution, Washington, D.C.
Lawrence, A. E., Junr., 53, Devonshire-st, Room 15, Boston, Mass.
Lawton, Miss Elizabeth, 116, West 103rd-street, New York, N.Y.
 LEDYARD, MRS. R. F. H., Cazenovia, New York, N.Y.
 LEONARD, THOMAS, 628, 22nd-street, Philadelphia, Pa.
 LIBRARIAN, Bowdoin College Library, Brunswick, Maine.
 LIBRARIAN, Bryn Mawr College, Bryn Mawr, Pennsylvania.
 LIBRARIAN, Cambridge Public Library, Cambridge, Mass.
 LIBRARIAN, Cassadaga Lake Library Association, Lily Dale, N.Y.
 LIBRARIAN, Cazenovia Public Library, Cazenovia, N.Y.
 LIBRARIAN, City Library Association, Springfield, Mass.
 LIBRARIAN, Enoch Pratt Free Library of Baltimore City, Baltimore
 LIBRARIAN, Hackley Public Library, Muskegon, Mich.
 LIBRARIAN, Haverhill Public Library, Haverhill, Mass.
 LIBRARIAN, Lowell City Library, Lowell, Mass.
 LIBRARIAN, Malden Public Library, Malden, Mass.
 LIBRARIAN, Michigan State Library, Lansing, Mich.
 LIBRARIAN, Peoria Public Library, Peoria, Ill.
 LIBRARIAN, Public Library, Minneapolis, Minn.
 LIBRARIAN, Theological Seminary, Rochester, N.Y.
 LIBRARIAN, University of Minnesota, Minneapolis, Minn.
 LIBRARIAN, University of Nebraska, Lincoln, Nebraska.
 LIPPITT, GENERAL FRANCIS J., 1412, Hopkins-street, Washington, D.C.
 LLEWELLYN, F. T., B.A., C.E., 1,012, Hennen-bldg., New Orleans, La.
 LOCKWOOD, COLONEL J. S., 146, Franklin-street, Boston, Mass.
Logan, W. S., 58, William-street, New York, N.Y.
 LOMBARDI, C., 1,314, Rusk-avenue, Houston, Texas.
 LONG, GEORGE E., Box D., Jersey City, N.J.
 LOUNSBERRY, C. A., *c/o The Record*, Fargo, North Dakota.
 LOW, CLARENCE F., Common and Carondelet-sts., New Orleans, Louisiana.
 MACDONOUGH, THOMAS B., 1,227, Broadway, New York, N.Y.
Main, W. F., cor. College and Dubuque-streets, Iowa City, Iowa.

- MARCHAND, G. L., 112, Clark-street, Room 516, Chicago, Ill.
 MARTIN, MISS EMMA H., 71, Scio-street, Rochester, N.Y.
 MARVIN, WALTER T., 6, West 130th-street, New York, N.Y.
 MASON, MISS ELLEN F., 1, Walnut-street, Boston, Mass.
 MASON, MISS IDA M., 1, Walnut-street, Boston, Mass.
 MASON, R. OSGOOD, M.D., 348, West 58th-street, New York, N.Y.
 McCLELLAN, MRS. CLARA D., Galena, Ill.
 McEWEN, ALFRED, 512, La Salle-avenue, Chicago, Ill.
 McEWEN, MRS. D. C., 160, Stirling-place, Brooklyn, New York, N.Y.
 McGEE, W. J., Bureau of Amer. Ethnology, Smithsonian Institution,
 Washington, D.C.
 McHENRY, MISS J. HOWARD, 200, E. Biddle-st., Baltimore, Maryland.
 McMANAMA, M. G., 504, Rialto-building, St. Louis, Mo.
 MEACHER, WILLIAM, M.D., Portage, Wisconsin.
 MENDENHALL, MRS. E. R., 1,804, Green-street, Philadelphia, Pa.
 MILLET, JOSIAH B., 150, Charles-street, Boston, Mass.
 MORGAN, W. E., M.D., 2,909, Groveland Park, Chicago, Ill.
 MONTGOMERY, CHAS. A., Box 2,444, New York, N.Y.
 MURLIN, REV. L. H., President Baker University, Baldwin, Kansas.
 MURPHY, HON. FRANKLYN, 1,027, Broad-street, Newark, N.J.
 MURPHY, M. J., 614, Center-avenue, Bay City, Mich.
 MYERS, W. H., M.D., 157, West Wayne-street, Fort Wayne, Ind.
 *NEWBOLD, WM. ROMAINE, Ph.D., Univ. of Penna, Philadelphia, Pa.
 NEWTON, REV. R. HEBER, 781, Madison-avenue, New York, N.Y.
 NEWTON, MRS. MARY B., 1,811, Capitol-avenue, Omaha, Neb.
 NOBLE, RAYMOND G., South Windsor, Conn.
 NORBURY, MISS MARY, 206, West 71st-street, New York, N.Y.
Norbury, Mrs. J. F., 5th-avenue Hotel, Madison-sq., New York, N.Y.
 NORRIS, HON. C. H., Marion, Marion Co., Ohio.
 NORTON, MRS. F. L., 30, Gloucester-street, Boston, Mass.
Nunn, Dr. Richard J., 119½, York-street, Savannah, Georgia.
 O'HARA, DR. R. G., Bedford City, Va.
 OLCOTT, MISS EDITH, 4, East 53rd-street, New York, N.Y.
 OLDHAM, F. F., Blymyer Building, Cincinnati, Ohio.
 OLIVER, GEORGE S. J., Santa Barbara, Cal.
 ORRICK, N. C., M.D., Canton, Mississippi.
Osborn, General F. A., 236, Marlborough-street, Boston, Mass.
 OSBORNE, A. E., M.D., Ph.D., Eldridge, P.O., Sonoma Co., Cal.
 PARK, DR. ROSWELL, 510, Delaware-avenue, Buffalo, N.Y.
 PARKER, WILLIAM L., 339, Marlborough-street, Boston, Mass.
 PARSONS, A. J., 1,818, N-street, Washington, D.C.
 PARSONS, JOHN E., M.D., 6, Grove-street, Ayer, Mass.
Peabody, Mrs. A. P., 47, Commonwealth-avenue, Boston, Mass.
 PECKHAM, ORVILLE, First National Bank, Chicago, Ill.

- PELLEW, MRS. HENRY E., 1,637, Massachusetts-ave., Washington, D.C.
 PERKINS, FRANKLIN R., 294, Linwood-avenue, Buffalo, N.Y.
 PERRY, JOHN G., M.D., 48, East 34th-street, New York, N.Y.
 PERRY, THOS. S., 312, Marlborough-street, Boston, Mass.
 PERRY, MRS. T. S., 312, Marlborough-street, Boston, Mass.
 PETERS, MRS. F. A., 541, Commonwealth-avenue, Boston, Mass.
 PHILLIPS, MRS. J. C., JUNR., 299, Berkeley-street, Boston, Mass.
 PHILPOTT, A. J., c/o *Boston Globe*, Boston, Mass.
 PLATT, J. C., 333-335, Fourth-avenue, New York, N.Y.
 POST, C. W., Battle Creek, Michigan.
 POWERS, MRS. ELLEN F., Townsend, Mass.
 PRATT, FREDERICK H., 53, West-street, Worcester, Mass.
 PRESCOTT, MISS, 78, Commonwealth-avenue, Boston, Mass.
 PRINCE, DR. MORTON, 458, Beacon-street, Boston, Mass.
Putnam, Dr. Charles P., 63, Marlborough-street, Boston, Mass.
 PUTNAM, MISS ANNIE C., 63, Marlborough-street, Boston, Mass.
 PUTNAM, GEORGE, 50, State-street, Boston, Mass.
 PUTNAM, DR. JAMES J., 106, Marlborough-street, Boston, Mass.
Quinby, Rev. John W., East Bridgewater, Mass.
Quincy, Josiah P., 82, Charles-street, Boston, Mass.
 QUIRK, CHARLES H., M.D., c/o Fred. H. Quirk, Casilla Correo, 825,
 Buenos Ayres, South America.
 RADCLIFFE-WHITEHEAD, RALPH, Santa Barbara, Cal.
 RAND, MRS. J. L., 49, Kirkland-street, Cambridge, Mass.
 RANSOM, FRANK H., 130, Main-street, Buffalo, N.Y.
 RAYMOND, MRS. HENRY E., Corey-road, Brookline, Mass.
 RAYSON, MISS AMY, B.A., 176, West 75th-street, New York, N.Y.
 REES, MRS. JANET E. RUUTZ, Studio 864, Carnegie Hall, New York, N.Y.
 REININGER, E. E., M.D., 353, South Oakley-avenue, Chicago, Ill.
 RICE, MRS. DAVID HALL, 2, Wellington-terrace, Brookline, Mass.
 RICHARDSON, M. T., Ridgewood, New Jersey.
 RINN, J. F., 178, Reade-street, New York, N.Y.
Robbins, Miss A. M., 29, Pemberton-square, Boston, Mass.
 ROLFE, ALFRED G., The Hill School, Pottstown, Pa.
Ropes, John C., 99, Mount Vernon-street, Boston, Mass.
Royce, Professor Josiah, 103, Irving-street, Cambridge, Mass.
 RUDDIMAN, J. C., 247, 27th-avenue, North, Minneapolis, Minn.
 RUSSELL, ARTHUR J., *Minn. Journal*, Minneapolis, Minn.
 RUSSELL, MRS. HENRY E., 6, Mercer Circle, Cambridge, Mass.
 SALTER, WILLIAM M., Silver Lake, N.H.
Savage, Rev. M. J., Church of the Messiah Study, 34th-street and
 Park-avenue, New York, N.Y.
 SCRIBNER, H. D., 1,008, Central-avenue, Alameda, Cal.
 SHAW, MISS EMMA G., 34, Linwood-street, Roxbury, Mass.

- Shaw, Mrs. G. H.**, 23, Commonwealth-avenue, Boston, Mass.
 SHED, Z., Room 3, Masonic Temple, Denver, Colorado.
 SHEETS, JOHN C., College Hill, Station, Cincinnati, Ohio.
 SHERMAN, MRS. B. W., Riverside, Cook County, Ill.
 *SHUFELDT, DR. R. W., Smithsonian Institution, Washington, D.C.
 SMITH, BOLTON, 405, Washington-street, Memphis, Tenn.
 SMITH, FRANCIS, Muskegon, Mich.
 SMITH, J. HEBER, M.D., 279, Dartmouth-street, Boston, Mass.
Smith, Philip Sherwood, 46, Johnson Park, Buffalo, N.Y.
 SMITH, W. LINCOLN, Inst. of Technology, Boston, Mass.
 SMITH, WINFIELD, Milwaukee, Wisconsin.
 SOMERVILLE, REV. T. E., 709, West Adams-street, Chicago, Ill.
 SPARKHAWK, DR. SAMUEL, Burlington, Vermont.
 SPRINGLE, JEFFREY, H., D.D.S., L.D.S., 2,430, St. Catherine-street,
 Montreal, Canada.
 STEEDMAN, J. G. W., A.M., M.D., 2,803, Pine-street, St. Louis, Mo.
 STEPHENS, MISS MARY, 2,713, Prairie-avenue, Chicago, Ill.
 STERLING, MRS. E. C., 22, Westmoreland-place, St. Louis, Mo.
 STILLMAN, MRS. W. O., 287, State-street, Albany, N.Y.
Stokes, J. N. P., 30, Rue St. Dominique, Paris, France.
Stone, Charles W., 68, Chestnut-street, Boston, Mass.
 STONE, MRS. RICHARD, JUNR., 18, Chestnut-street, Boston, Mass.
 STREET, EDGAR L., 13, West 102nd-street, New York, N.Y.
 STREET, MISS IDA M., 703, Euclid-avenue, Des Moines, Iowa.
 STRONG, CHARLES A., Box 208, Lakewood, N.J.
 STURGIS, CHAS. RUSSELL, 63, Beacon-street, Boston, Mass.
 SUMNER, DR. A. M., 336, Beacon-street, Boston, Mass.
 SUTHERLAND, J. G., 135, B-street, Salt Lake City, Utah.
 *SUTTON, MRS. KATHARINE P., The Highlands, Athol Centre, Mass.
 SWEETSER, L. H., Yale, Idaho.
 SWENSON, J. H., 811, 25th-avenue, N., Minneapolis, Minn.
 SWIFT, WILLIAM H., Wilmington, Delaware.
 SYMONDS, BRANDRETH, M.D., 128, W. 59-street, New York, N.Y.
 TAPPAN, MISS M. A., 73, Beacon-street, Boston, Mass.
 TAYLOR, FREDK., 121, School-street, Lowell, Mass.
 TEMPLE, REV. H. W., 400, Locust-st., Washington, Pa.
Thaw, A. Blair, M.D., Montecito, Santa Barbara Co., Cal.
Thaw, Mrs. A. Blair, Montecito, Santa Barbara Co, Cal.
 THOMSON, DR. W., 1,426, Walnut-street, Philadelphia, Pa.
 THORNDIKE, S. LOTHROP, 19, Pemberton-square, Boston, Mass.
 TIGHE, JUDGE J. G., 337, Fulton-street, Brooklyn, N.Y.
 TOTTEN, MRS. ENOCH, 1,708, I-street, Washington, D.C.
 TRACEY, DR. PAUL H., 469, West 152nd-street, New York, N.Y.
 TURNBULL, MISS K. E., 113, East 39th-street, New York, N.Y.

- Tweedy, Edmund**, Newport, Rhode Island.
TWITCHELL, H. E., M.D., 24, S. "B."-st., Hamilton, Ohio.
TYLER, MRS. MOSES COIT, 5, East-avenue, Ithaca, N.Y.
TYSON, MRS. GEORGE, 314, Dartmouth-street, Boston, Mass.
Van Norden, Rev. C., D.D., LL.D., 1,827, H-st., Sacramento, Cal.
WAIT, MARSHALL, 5,144, Madison-avenue, Hyde Park, Chicago, Ill.
WAKE, C. STANILAND, 411, East 45th-street, Chicago, Ill.
WARD, REV. DUREN J. H., PH.D., 205, Central-avenue, Dover, N.H.
WARD, DR. J. N., Auburn, California.
WARD, MRS. L. A. COONLEY, 620, Division-street, Chicago, Ill.
Ward, W. E., Port Chester, N.Y.
WASHBURN, OSCAR F., Reading, Mass.
WATERMAN, L. E., 265, Macon-street, Brooklyn, N.Y.
WATSON, PROFESSOR WILLIAM, 107, Marlborough-street, Boston, Mass.
WATTS, H. M., "The Press," Philadelphia, Pa.
WEBB, MRS. W. G., 34, Chestnut-street, Salem, Mass.
WELLS, DAVID W., M D., 391, Boylston-street, Boston, Mass.
WHEELER, MRS. STEPHEN, 504, Sixth-avenue, Fort Smith, Ark.
WHEELER, WILLIAM, Concord, Mass.
WHIPPLE, L. E., 326, Madison-avenue, New York, N.Y.
WHIPPLE, MRS. SHERMAN L., Warren-street, Brookline, Mass.
WHITESIDE, MISS H., c/o A. A. Carey, 29, Fairfield-st., Boston, Mass.
Whiting, Miss Lilian, The Brunswick, Back Bay, Boston, Mass.
Whitman, Mrs. Henry, 77, Mount Vernon-street, Boston, Mass.
WHITON, REV. J. M., Ph. D., c/o Outlook Co., 13, Astor-place, New York, N.Y.
WHITTAKER, THOMAS, 71, East 66th-street, New York, N.Y.
WILKINS, MISS M. L., cor. Carver and Museum-sts., Cambridge, Mass.
WILLIAMS, MARSHALL S. P., 1,372, Beacon-street, Brookline, Mass.
Wilmarth, Mrs. Mary H., The Auditorium, Chicago, Ill.
WILSON, MISS MARTHA, 564, Dearborn-avenue, Chicago, Ill.
***WILTSE, DR. A. S.**, Lancing, Morgan Co., Tenn.
Wing, Isaac H., Bayfield, Wisconsin.
Wolcott, Mrs. Roger, 173, Commonwealth-avenue, Boston, Mass.
WOODBIDGE, PROFESSOR F. J. E., Univ. of Minn., Minneapolis, Minn.
Woodman, Walter, M.D., Hubbard-park, Cambridge, Mass.
WRIGHT, MAJOR-GENERAL H.G., 1,203, N.-st., N.W., Washington, D.C.
WRIGHT, MISS HENRIETTA C., Old Bridge, New Jersey.
Wyatt, Melvin H., Sparkill, Rockland County, N.Y.
WYLLYS, MISS R., 18, Louisburg-square, Boston, Mass.
WYNNE, MRS. M. Y., 63, Marlborough-street, Boston, Mass.
ZUG, C., P.O. Box 1,053, Sable Iron Works, Pittsburgh, Pa.

N.B.—Members and Associates are requested to send information of any change of address to THE SECRETARY, 5, BOYLSTON PLACE, BOSTON, MASS.

P R O C E E D I N G S
 OF THE
 S O C I E T Y F O R P S Y C H I C A L R E S E A R C H .

I N D E X T O V O L U M E X I I I .

(PARTS XXXII-XXXIII.)

1897-98.

AMERICAN BRANCH of the Society for Psychical Research, List of Members	644
American Universities and Psychical Research, Professor Harlow Gale on	583
Anderson, S. W., Case recorded by	596
Animals, Sensitiveness of	250
Automatic Writing	291, 612
Autoscopes	10-12, 271
BALDWIN, MRS., Case recorded by	596
Baldwin, Professor J. M., Séance with Mrs. Piper	534
Barrett, Professor W. F., On the So-called Divining Rod, or <i>Virgula Divina</i>	2-282
Bourget, M. and Mme. Paul, Séances with Mrs. Piper ...	310, 375, 494, 495
Bousser, Aleck	319, 334, 372
Briggs, L. Vernon, Séance with Mrs. Piper	337, 480
C., MR.	380, 514
C., A. A., Séance with Mrs. Piper	321, 325, 483
C., T. B., " "	383, 472
C., W. B., " "	529
Carpenter, Professor J. Estlin, Séance with Mrs. Piper ...	528
Close, Rev. Maxwell, Case contributed by	78
DEMON Possession and Allied Themes, by Dr. J. L. Nevius—Review of	602

Discovery, by Divining Rod, of Artesian Springs	147-148, 165, 170, 171, 217
„ Coins	17, 29, 30, 64, 78, 84, 85, 94, 148-149
„ Dry Ground	96
„ Metals	164, 176, 247
„ Mineral Lodes	17, 201-202, 225, 242
„ Minerals	38, 50
„ Mineral Water	206-208
„ Miscellaneous Objects	13, 30, 38, 51, 164, 213, 242-243
„ Oil Springs	19
„ Seltzer-water Spring	89
„ Sulphur Springs	206-208
„ Water	3-280
„ „ in large quantity	72, 91, 99, 108, 148, 151, 171, 172
Divination, Works on	9
Divining Rod, or <i>Virgula Divina</i> , Professor W. F. Barrett on	2-282
(See also under titles—Discovery, Dowsers, Dowsing, Failures, Geologists, Localities, Materials, Movements, Water)	
„ How Held	6, 7, 18, 26, 34, 54, 80, 110, 113, 133, 266-271
„ Literature and Nomenclature	13, 256, 266
„ Sensations Described by Dowsers	7, 22, 24, 27, 38, 40, 41, 48, 57, 58, 59, 64, 69, 71, 90, 92, 95, 124, 138, 161-162, 164, 177, 178, 196, 197, 200, 201, 202, 206, 209, 226, 244, 245, 272-277
„ „ not Felt by Dowsers	26
„ „ Different for Water and Metals	164
„ „ for Fresh and Mineral Water	207, 208
„ Surveys and Analysis of Evidence	24, 237, 252-255
„ Table of Contents	281-2
„ Theoretical Conclusions	243
„ Experiments with, described by:—	

Adcock, Pacey and Co., Messrs., 182; Aldworth, Col. R. W., 31; Alexander, R. L., 217; Allen, E. G., 88-89; Anglo-Bavarian Brewery Co., 49-50; Anthony, R., 156-157; Arthur's Hill Brewery Co., 125; Ashburner, Dr. J., 274; Ashwell, Rev. S., 38-39; Ashworth, H. A., 179-180; Barber, W., 58, 64, 98-99; Barlow, Capt. A. K., 90; Barrett, W. F., 174-176; Bastable, F., 86; *Bath Chronicle*, 90, 185-186; Baxendale, S., 198-200, 227; Bayley, E. K., 99; Bean, W., 98; Beamish and Crawford, Messrs., 99; Beaven, E. W., 157-158; Belfast Brewery Co., 185-186; Bicknell, Rev. C., 39; Birch, W. de H., 183-184; Bird, W., 138, 139; Blake, G., 215; Blake, J. H., 231; Blyth, F. W., 200, 227; Booker, Rev. G., 154-155; Bradley, J., 173-174; Bradney, J., 54-55; Brand, Capt. T. S., 153; *Bristol Times and Mirror*, 49, 71, 93; Brown, W. J., 94-95; Bruce, S., and W. R., 83-85; Buck, General L., 231-232; Budd, J., 110-112; Burton, Lord, 103-104; Burton, Mrs. C. I., 92-93; *Bury Times*, 168; Caffrey, T. R., 186; Carmichael, J., 137; Christie-Miller, W., and Mrs. M. E., 76 77, 106; Clark, F. J., 31-33; Clifford, J., 50; Clive, P. A., 35, 122; Cocks, Col., 220; Codrington, Major A. E., 127-129; Coles, S. H. C., 149; Cousins, D. C., 161; Crawshay, C., 150-151; Cree, 201; Crisp, H. J., 67-68; Crook, T. C. M., 61-62; Crosse, R. S., 100-101; Crump, W., 81-82; Curtis, Rev. F., 34; *Daily News*, 28; *Daily Telegraph*, 28; Dendy, A., 54; Denny, E. H. M., 123; Dimpleby, F. W., 191-195; Dowling, V., 46-47; *Dublin Daily Express*, 60; Durfee, A. B., 218; Eastes, J. P., 155-156; Eddleston, J., 168-170; Egerton, Miss M. L., 30; Elworthy, F. T., 6-7, 100; Emerson, Rev. R., 44-45; Enys, J. D., 7; *Essex Herald*, 28; *Essex Times*, 104; Evans and Owen, Messrs., (Ely Paper Works), 72; Finch-Hatton, Hon. M. E. G.,

Divining Rod, Experiments with, described by (*continued*) :—

97; Fryer, Rev. A. T., 211-212; Fuller, C., 216-218; Gataker, L., 179, 236; Gatty, S., 29; Geake, J., 180-181; Gibbons, S. C., 87-88; Goff, Major C., 55, 226; Golding, H. W., 28; Grantham, Col. E. M., 126; Grantham, Miss E. L., 25-26; *Graphic*, 202; Green, J. S., 102-103; Greene, R., 123; Gregory, Sir Welby, 96-97; Haggas and Co., Messrs., 141-142; Hake, W., 218; Hancock, G., 96; Harben, Sir Henry, 85-86, 117-121, 227, 279; Headley Bros., Messrs., 160; Hellier, W. G., 50-52; Henley, J. J., 91-92; Herbert, W. J. M., 211; *Herts and Essex Observer*, 200; Hiekes, T. J., 87; Higginbottom, A. H., 125; Hird, J. R., 173; Hobbs, Capt. J. C., 101-102; Hodgson, W., 144; Holloway, Mrs. A., 180; Hudson, 196; Hughes, J., 152; Hutton, Dr. C., 41-43, 223; Irvine, Mrs. M. A. F., 168; Isham, Sir C., 39-40; *Isle of Wight Express*, 60; Jackson, Sir H. M., 163; James, A. A., 210-211; Jenkins, Rev. J. G., 213; Jenkins, Vaughan, 4, 33, 35-37, 40; Kinahan, G. H., 108-109; King, E. H., 47; Knapp, Rev. M. R., 37-38; Lambert, G. F., 162; Lang, S., 72; Lawrence, W. S., 66-67; Lee, Rev. A. C., 34-35; Letts, J. C., 165-167; *Light*, 219, 220, 245; *Lincolnshire Chronicle*, 89; Lindsay, Rev. W. J. C., 151-152; Lipscomb, C., 184-185; Little, C. W., 46; Little, W. D., 90, 91; *Liverpool Daily Post*, 142; Llangatock, Lord, 184; Lloyd, P., 206-208; Lodge, Prof. O. J., 142; Long, Col., 52-53; Lyddon, E. T., 209; Maggs, C., 146-148; Mantell, Dr. A. A., 186-187; Marden, E., 152-153; Marriner, G. T., 135-136; Marshall, J. G., 48; Martin, G., 187; Mayo, Dr. H., 274-275; Mayo, Rev. C. H., 55, 63; McKay, J., 129-130; Mereweather, W., 69, 73-74; Milbanke, Lady, 41-42, 223; Miles, Rev. C. O., 74; Morgan, Rev. J. B., 131; *Morning Post*, 131; Mott, F. T., 97; Muirhead, G., 167-168; Munn, Rev. G. S., 83; Muspratt, S. K., 142; Napier, H. B., 148-149; Nevill, Lady D., 70; *Newcastle Daily Leader*, 138; Newcastle Laundry Co., 139; Newton, F. W., 72; Noble, J. E., 171-172; Pacey, Messrs., 182; Palmer, G. W. and W. J., 231, 232; Pease, E. R., 221; Peirce, W. G., 193, 194; Perrins, W., 122; *Peterborough Express*, 170, 171; Phippen, F., 47-49; Picard, T. W., 154; Poole and Son, Messrs. J. R., 182; Pope, G. H., 52, 67; Prince, C. L., 80-81; Pront, Miss K., 71; Ramsay, Rev. H. F., 99-100; Reid, H. L., 53, 226; Renton, W., 86; Richardson and Co., Messrs., 107-108; Richardson, Miss A. W., 172; Richardson, W., 107, 109-110; Richardson, G. S., 214; Richmond, G. S., 214; *Richmond Times*, 188, 189, 192; Riddle, R., 143; Riddle, W., 218; Robertson, R. W., 215; Roles and Son, Messrs. W., 33; Rolfe, E. N., 45; Seymour, R. S., 214; Shaw, H., 68; Shirley, S. E., 127; Skrine, H. D., 95; Smith and Marshall, Messrs., 146; Smith, Capt. H., 96; Smith, J. C., 196-198, 227; Smith, W., 170; Spiers, Rev. W., 164; Spillers and Bakers, Messrs., 213; Spink, Judge, 27; Stacey, 212; *Standard*, 191; Stansfeld, J., 185; Stanton, A., 140-141; Stebbins, G. B., 215-216; Stone, W., 49; Stone, W., 124-137; *Sussex Daily News*, 121; Taylor, Col., 163; Taylor, W., 131-132; *Thames Valley Times*, 190, 194; Thimbleby, T. W., 138; Thompson, Mrs. General, 28; Thompson, J. W., 29; Thouvenel, Dr. P., 272-275; *Times*, 190, 219; Tooth, F., 135; Towgood and Sons, Messrs. A., 171; Tregelles, G. F., 178; Vint, W., 141-142; Vizard, T., 71; Wainwright, A. H., 161; Waring, Col. T., 30-31, 78-80; Warner, R. C., 160; *Warrington Gazette*, 102; Watney, 239; Wedderburn, Sir W., 56-58; *Western Gazette*, 33; *Western Mercury*, 61; Westlake, E., 278-279; *Westminster Gazette*, 27-28; Whitelaw, 59; Wigram, A. M., 104, 227; Winchelsea, Earl of, 97; Winn, J. C., 203; Winwood, Rev. H. H., 53; *Wisbech Standard*, 61; Wood, G., 34, 35; Woolley, R. and T. C. S., 241-242; Young, J. F., 40-41, 49, 276; Young, Miss, 275-276.

“Dowse” and “Dowser,” The Words 6-7, 256-261

Dowsers, Names of [*amateurs in italic*].

A'Barrow, R., 54-55; Adams, 47, 48, 49, 165, 226; *Aldworth, Col. R. W.*, 31; *Amoretti's relatives*, 22; Anfossi, 22; *Anthony, R.*, 156-157; *Ashwell, Miss*, 38-39; Aymar, J., 23, 271, 272; Bacon, H., 196-200, 227; *Bailey, J.*, 60; *Bengough, Mrs.*, 39; Beutler, C., 274; Blake, J., 50-52; Blanchard, 61; Bleton, 20-22, 43,

Dowsers, Names of [*amateurs in italic*] continued:—

244, 271-276; *Blunt, Rev. J. R.*, 25-27; *Briegger, A. M.*, 274; *Brown, J. M.*, 60; *Campetti*, 22; *Carrié, Abbé*, 23; *Chesterman, H.*, 200-201; *Child*, 219; *Cuthbert*, 212; *Day, T.*, 52-53; *Earle, Rev.*, 95; *Edgell*, 39; *Elworthy, Miss*, 6-7; *Enys, J. D.*, 7; *Fuller, C.*, 62, 215-219; *Gataker, L.*, 173, 177-194, 236, 239; *Golding, H. W.*, 28, 29; *Griffin*, 60; *Hares, T.*, 50-52; *Harwood*, 78; *Heighway, T.*, 59, 206-208, 276; *Hill, W. U.*, 61; *Hitchins*, 46, 47; *Jenkins, Rev. J. G.*, 213; *Kingston*, 49, 56; *Latimer, C.*, 19-20, 59, 247; *Lawrence, W. S.*, 50, 65-72, 210; *Lochmann, Prof.*, 245; *Lockyer, G.*, 36; *Mapstone*, 47; *Mellish*, 65; *Mereweather, W.*, 69, 72-74; *Milbanke, Lady*, 4, 41-43, 223; *Mitchell, W. J.*, 64; *Mortillet*, 23; *Mullins, J.*, 34, 35, 60, 75-97, 106-123, 145, 242, 270, 279; *Mullins, W. H.*, 89, 98-105, 122, 189-195, 232, 239; *Munn, Miss*, 83; *P., Miss Douglas*, 29, 30; *Parangue*, 22, 274; *Passworth*, 47; *Pearson*, 61; *Pennet*, 20, 21; *Robertson, R.*, 18-19, 40-41, 276; *Robertson, R. W.*, 214-215; *Rodwell, F.*, 201-205; *Rothwell, R.*, 209-213; *Russell, A.*, 64; *Sewell*, 45-46; *Scymour, S.*, 32; *Sims, C.*, 49-50; *Skrinc, H. D. (sons of)*, 96; *Smart, H.*, 33; *Stears, J.*, 31-32, 164-176; *Steel, Rev.*, 44-45; *Stokes, W.*, 18, 53, 226, 269; *Stone, W.*, 124-145, 196-197, 270; *Tompkins, B.*, 145-163, 270; *Towers, J. (Sir Welby's gardener)*, 97; *Tristan, Count de*, 22, 43; *Watson*, 60; *Webster, F.*, 95; *Willis, T.*, 56-58; *Wills*, 173; *Wood, Miss M.*, 33-35; *Wyburn, W.*, 32, 33; *Young, J. F.*, 18-19, 40-41, 276; *Young, R.*, 40, 275; *Young, T.*, 52, 220, 239.

Dowsers, Percentage of	...	...	...	...	...	...	...	49, 246
„ Training of	...	...	...	...	...	...	...	6, 188, 190, 201, 225
Dowsing, Health in Relation to	...	...	...	...	...	...	...	70, 164, 167, 168
„ Heredity in	30, 36, 40, 41, 66, 73, 76, 98, 110, 124, 201, 206, 214, 246							
„ Hypnosis in	...	...	...	...	...	...	...	245, 274
„ Intention, or “set” of mind, in	...	...	...	...	...	...	...	41, 244-245, 246, 276
„ Loss of Power	...	...	...	...	...	...	...	36, 83, 164
„ Without a Rod	...	...	...	...	...	...	...	38, 41, 177, 178, 190, 202
Dowsing, Phenomena of (<i>see</i> Divining Rod)	...	...	...	...	...	...	...	2
Dreams and Ghosts, A Book of, by A. Lang—Review	...	...	...	...	...	...	...	616

FAILURES by Divining Rod to Find Coins	...	...	...	...	...	...	...	30, 48
„ „ Find Water	63-65, 92, 97, 121-123, 143, 145, 162-163, 172-174, 187-188, 193-195, 200, 212, 213, 236, 238-239							
„ „ Distinguish Kinds of Water	...	...	...	...	...	...	...	53
„ Proportion to Successes	...	...	...	...	...	...	...	123, 188, 238
„ „ (of Engineers)	...	...	...	...	...	...	...	235
Folk-lore of Divining Rod	...	...	...	...	...	...	...	15
“Frederica, Mme.” Séances with Mrs. Piper	...	...	...	...	...	...	...	335, 471

GALE, PROFESSOR HARLOW, Psychological Research in American Universities 583

Geologists, Opinions on Divining Rod—

Blake, J. H., 230-233; *Cole, Prof.*, 25, 80; *De Rance, C. E.*, 233-235; *Enys, J. D.*, 7; *Fisher, Rev. O.*, 3; *Holmes, T. V.*, 221-230; *Hunt, R.*, 17; *Jacquet, Abbé*, 23; *Kilroe, J. R.*, 106, 114-117; *Kinahan, G. H.*, 108-109, 114; *Paramelle, Abbé*, 23; *Phillips, W.*, 17; *Sollas, Prof. W. J.*, 18, 67, 220-221; *Tawney, E. B.*, 17; *Whitaker, H. W.*, 69, 193.

Gurney, Edmund, Memorial Library Catalogue 619

H., DR. AND MRS. L. E., Séance with Mrs. Piper 462, 514
 Hart, John „ „ 296-9, 353-7

Hartshorn, Miss C., Séance with Mrs. Piper	442
Heywood, C., " " " " " " " " " " " "	339, 351, 501
Hodgson, R., LL.D., A Further Record of Certain Phenomena of Trance	
	284-582
" Case contributed by	215
Howard, Mr. and Mrs., Séances with Mrs. Piper ...	300-335, 413, 484, 489
Hydro-geologists	264, 265
Hydrosopes	22
Hydrosopists... ..	23, 265
Hypnotism, Miscellaneous Phenomena	592-594
Hyslop, Professor J. H., Review of Dr. Osgood Mason's "Telepathy and the Subliminal Self"	610
 INGRAHAM, DR. LENA, Report on the Physical Condition of Mrs. Piper	479
 J., MRS.	381, 383
Johnson, Miss Mattie	309, 312
Jowers and Jowsing	7, 16, 256, 257
Juanita... ..	11
 K., DR. F. H., Séances with Mrs. Piper	351, 383, 527
 LANG, ANDREW, "A Book of Dreams and Ghosts," by—Review of ...	616
" " Case recorded by	617
" " Divining Rod, on the	15
" " Review of "Studies in Psychical Research" by Frank Podmore	604
" Letters from Julia," by W. T. Stead, Review of	612
 Localities, Divining Rod, Used in	
Abergavenny, 150-152, 163; Aboynes, 67; Acreland Farm, 140-141; Almondsbury, 74; Amphill, 236, 241; Appleton le Moors, 173; Armadroughall, 30; Arreton, 130, 131; Atherby, 170; Avonmouth, 73; Aysgarth, 203; Back Creek, 47; Backwell House, 73; Bagendon, 93; Barcombe, 25-26; Bardney, 173; Barnwell Castle, 141; Bathampton, 186; Bedminster, 74; Belfast Brewery, 185; Berry Wood Asylum, 122; Bicester, 91; Birtle, 169; Bishops Nympton, 100; Blackburn, 61; Blackrock, 83; Blyth, 137; Bodenham, 179; Bourton, 73; Bower House, 104, 227; Box, 94; Bradenstoke Abbey, 148; Braiklay, 167, 168; Braintree, 28, 90, 223; Brazil, 165; Bridgewater, 182; Bridge Hall, 62; Bristol, 39, 50, 72, 73; British Columbia, 27; Burghfield, 231; Burnett, 72; Burton Latimer, 141; Burton-on-Trent, 103; Burtonwood, 101; Cabra Towers, 129-130; Calga, N.S.W., 47; Campden, 84; Canada, 218; Cape Colony, 160; Cardiff, 72, 210, 212, 213; Catley Abbey, 89; Chardon, 92; Charnwood Forest, 97; Chatsworth, 187; Chelboro', 33; Chelmsford, 76, 223; Cheltenham, 163; Chepstow, 210; Chippen- ham, 145; Christiania, 245; Cirencester, 163; Claverton, 96; Cleveland, 59; Coddington, 34; Congresbury, 52-53; Conkwell, 95; Coreena, 45; Cork, 99, 123; Cornwall, 7, 13, 189; Corsham, 96; Cressing, 27; Crickhowell, 149; Crowborough, 80-81; Croxton, 157; Dakota, 219; Darling Downs, 46; Dauphiny, 20, 172?; Donnington, 53; Down, County, 129; Drum Castle, 67, 168; Dunninald, 185; East Moors, 210; Easton Court, 149; Emu Hills Park, 47; Esse Centre, 218; Ettington Park, 127; Evercreech, 33; Fiddington, 51; Flamborough, 174; Folkingham, 96; Frampton-on-Severn, 71; France, 20-23, (South of) 172; Germany, 13; Glynde, 153-154; Goodig, 214; Grantham, 96; Great Hallingbury, 197; Grinton Mine, 201-202; Guernsey, 64-65; Hale Park, 55, 226; Hampton	

Localities, Divining Rod, Used in (*continued*)

Court Estate, 179; Hareby, 133, 135; Harz Mountains, 13; Hastings, 121-122; Haverholme Priory, 97; Havering, 104; Hedgecocks, 86; Helpstone, 171-173; Henbury, 67-68; Henham, 198; Hereford, 157; Hill House near Wells, 48; Holmer, 157; Holmwood, 99; Holnet, 56, 63-64; Holywell, 142; Horbling, 96; Horsham, 85, 86, 117-121, 227-230, 278-279; Houghton Station, 183; Hudson, Mich., 216, 217; Ilfracombe, 178; Ireland, 30, 31, 60, 76-78, 83, 99, 106-117, 123, 129-130, 172, 174-176, 185; Italy, 21, 220, 246; Jersey, 219; Jersey Bore, 47; Keighley, 141; Kemble Estate, 163; Ketton, 98; Kimbolton, 42; Kingsley, 102; Kingstown, 174-176; Kircassock, 76, 77; Knighton, 161; Knocknaboley, 60; Lambourn, 231; Lampport 39; Launceston, 180-181; Ledbury, 34; Le Hendre, 184; Lindfield, 87-88; Livonia, Mich., 217; Llanelly, 215, 276; Llanvair, 150-152; Locking, 18, 50-52, 220; Lochnagar, 46, 47; Lucerne, 220; Lue, N.S.W., 46-47; Lugwardine, 34; Lurgan, 76; Lynden Wood, 90; Lynton, 99, 101; Madresfield, 81-83; Malton, 170; Malvern, 81-82; Marston Magna, 152-153; Mayfield, 70-71; Melksham, 146-148; Melton-Mowbray, 182; Mendip Hills, 16-17, 43-51, 86, 256; Meredith, 56; Metheringham, 88; Michigan, 217; Middleton Park, 91; Midsomer Norton, 73; Millways, 180-181; Monkton Farleigh, 95; Monmouth, 184; Montrose, 185; Newcastle-on-Tyne, 125, 138-139; New Hampshire, 44; New House Farm, 94; Newmarket, Cork, 31; Newport, Mon., 35-37; New South Wales, 46-47; Newton, 168; Northville, Mich., 219; North Wootton, 37-38; Norwich, 219; Oaksey, 160; Oare, 99, 101; Otterburn, 144; Oundle, 61; Over, 74; Oxford, 91-92; Parnacott, 161; Pembrey, 214; Penprisk, 149; Penymaes, 142; Plymouth, Mich., 216-218; Porthcawl, 162, 236; Prieska, 160; Provence, 41; Queensland, 45-47; Rangemore, 103; Richmond, 188-195; Rillington, 165-166; Ross, 58; Rudford, 56; Ryde, 131; Rylstone, N.S.W., 46-47; Sablesbury, 62; Sandford Green, 51-52; Shanklin, 60; Shepton Mallet, 49, 50, 86-87; Shotover Hill, 92; Sudbury, 48; Somersetshire, 6-7, 16-17, 18, 31-33, 37-38, 47-55, 65, 73, 86-87, 182, 186, 256; South Africa, 158-160; Southampton, 43; South Down, 130; Spain, 5, 250; Spilsby, 125-126, 133, 135, 137-138; St. Briavel's, 211; Stradney Castle, 215; Street, 31-32; Stroud, 180; Sturminster Newton, 275; Switzerland, 220; Teddington, 39; Tenbury, 149; Tennessee, 247; Threanhill Priory 196-198; Tinahley, 60; Toy Farm, 154; Trainton, 173; Uggeshall, 39; United States, 19-20, 44, 59, 215-219, 247, 250; Uppingham, 127; Valley City, 219; Vaynor, 213; Walkeringham, 242; Walton-le-dale, 183; Waringstown, 78; Warnham Lodge, 85, 117-121, 227-230, 278-279; Warrington, 101; Waterford, 77, 106-117, 123; Wayne, 219; Weir Hill Farm, 92; Wells, 38; West Indies, 172; Whitfield, 33-34; Wick, 211; Wimbledon, 203-206, 239; Wincanton, 54-55; Winscombe, 51-52; Winterbourne, 66; Wisbech Market, 61; Woolhope, 154-155; Woolwich Common, 42, 223; Wotton, Isle of Wight, 130-134; Worcestershire, 39; World's End, 61; Wrigley Carr, 168-169; Wrington, 16, 17; Yelling, 155-157; Yorkshire Wolds, 164.

M., MRS., Séances with Mrs. Piper	...	...	...	...	...	341-9
MacDonough, Mr. and Mrs., Séance with Mrs. Piper	...	...	...	...	...	340, 473
Macleod, Miss G. E.,	„	„	...	...	...	351, 447
Manners, Madame Elisa	...	...	...	...	...	310, 335-6, 378, 471
Marte, Robert	...	...	...	...	...	318-320, 419-422, 428-9
Mason, Dr. Osgood, "Telepathy and the Subliminal Self," by—Review of	...	...	...	...	...	610
Materials of Divining Rod, Kinds of Wood Used	...	...	...	...	...	218
„ Metallic Wires or Springs	19, 39, 43, 50, 56, 58, 66-71, 73, 74, 143,	...	...	...	...	177, 200, 220, 270
„ Miscellaneous	...	...	...	...	...	...
Meetings of the Society	...	...	...	...	...	1, 283
Members, Associates, and Hon. Members of the S.P.R., List of...	...	...	...	...	...	622
„ „ „ „ American Branch	...	...	...	...	...	644

Mineral Lodes, Surface Indications of	234, 250
Miners, Opinions on Divining Rod	5, 17
Mitchell, J., Séances with Mrs. Piper	351, 378, 383, 517, 519
Mitchell, Dr. S. Weir, Séances with Mrs. Piper	482
Moses, W. Stainton	408
Movements of Divining Rod, Breaking	7, 24, 26, 28, 30, 35, 38, 41, 42, 53, 57, 69, 74, 79-80, 92, 106, 110, 124, 133, 146, 156, 169, 171, 243-244
,, Inability to Restrain	23, 28, 36, 38, 48, 57, 60, 73, 97, 151-152, 161
,, Not Due to Muscular Action	43, 74, 80, 83, 164, 243-244
,, Stopped by Water or by Similar Metals...	164-165, 211, 212, 269
,, Stopped by Dissimilar Metals	247, 269
,, When Held by Tongs or Pincers	86, 97
,, When Holder's Wrists Held by Dowser	35, 78-79, 81, 87, 103, 185, 201, 242, 244
Myers, F. W. H., Review of "Letters from Julia," by W. T. Stead ...	614
NEVIUS, DR. J. L., "Demon Possession and Allied Themes," by—	
Review of	602
Newbold, Professor W. Romaine, Review of "Demon Possession and Allied Themes," by Dr. J. L. Nevius	602
Nichols, Professor H., Séance with Mrs. Piper	374, 534
Norton, Professor C. E., Séances ,, ,,	296, 333-4, 525
OBALECHEFF, MME., Case recorded by	596
Officers and Council, List of (1898)	621
Oil-Smellers	250
P. "G. P." Communications. (See George Pelham)	
P., Mrs. M. E., Séance with Mrs. Piper	499
Parish, Herr Edmund, "Zur Kritik des Telepathischen Beweis Materiels," by—Review of	589
Parker, Mr. and Mrs. W. L., Séances with Mrs. Piper	337-8, 449, 452, 455
Pease, E. R., First Report of the S.P.R. on the Phenomena of the Divining Rod	4
Peirce, Professor J. M., Séance with Mrs. Piper	296, 305, 460
Pelham, George, History of the "G. P." Communications	286, 287, 290, 291, 295-335
Pendule Explorateur	10-11, 19, 248
Piper, Mrs., Trance Phenomena of	284-582
Podmore, Frank, Review of "The Subconscious Self and its Relation to Education and Health," by Dr. L. Waldstein ...	614
,, ,, "Studies in Psychical Research," by—Review of ...	604
R., MRS. J. E. R., Séance with Mrs. Piper	383, 510
R., Louis	337-9
R., Miss S. R., Case recorded by	596
Rankin, H. W., Dr. Nevius' "Demon Possession and Allied Themes," Edited by	602
Reviews	589, 602, 604, 610, 612, 614, 616
Rhabdomaney	9, 16

SAVAGE, REV. MINOT J.	295, 326, 327
Shaler, Professor, and Mrs. N. S., Séance with Mrs. Piper	524
Sidgwick, Mrs., Review of "Zur Kritik des Telepathischen Beweiss Materiels," by Herr E. Parish	589
Smith, J. G., Review of "A Book of Dreams and Ghosts," by A. Lang	616
Smith, J. P., Case recorded by	596
Sourciers	20
Spirit Identity, Facts Pointing to (<i>see</i> Trance Phenomena of Mrs. Piper)	
Stead, W. T., "Letters from Julia," by—Review of	612
Subconscious Self and its Relation to Education and Health, Dr. L. Waldstein on	614
Subliminal Self, Telepathy and the, Dr. O. Mason on	610
Sutton Rev. W. S., and Mrs. Paine, Séances with Mrs. Piper	386-9, 484
TELEPATHY, Recent Books on	589, 610
Thaw, Dr. A. B., Séances with Mrs. Piper	351-2, 384-5, 536-582
Trance Phenomena of Mrs. Piper, A Further Record, by R. Hodgson, LL.D.	284-582
,, Automatic Writing Developed	291
,, "G. P." Communications, History of 286, 287, 290, 291, 295	
,, Other Communicators, Account of	335
,, "Spirit" Hypothesis, and Telepathic	357-370
,, Recent Changes in the Trance	407
,, Reports of Sittings	413
Trowbridge, Professor J., Séance with Mrs. Piper	526
VANCE, MR., Séances with Mrs. Piper	300, 381-2, 457
Vance, Miss	374, 434
WALDSTEIN, DR. L., "The Subconscious Self in its Relation to Educa- tion and Health," by—Review of	614
Warner, Mrs.	318, 324
Warner, Miss	324-5, 356
Water-smeller	62, 220
Water-witch	20, 62
Water, Depth of, How Found by Dowser	59, 209
,, Distribution of Underground	3, 222-225, 239, 262-265
,, Surface Indications of	234, 248-249, 250, 277
Welsh Dowzers	206
Zahories	5, 250

