

ISIS UNVEILED

A MASTER-KEY

TO THE

MYSTERIES OF ANCIENT AND MODERN

SCIENCE AND THEOLOGY

BY

H. P. BLAVATSKY

"Cecy est un livre de bonne Foy."—MONTAIGNE

VOL. I — SCIENCE

SECTION I

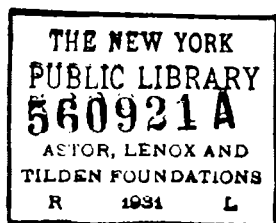
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The Author
Dedicates these volumes
to the
Theosophical Society
which was founded at New York, A. D. 1875,
to study the subjects on which they treat

THEORIES ABOUT REINCARNATION AND SPIRITS

BY H. P. BLAVATSKY

(Reprint from THE PATH, November, 1886)

OVER and over again the abstruse and mooted question of Rebirth or Reincarnation has crept out during the first ten years of the Theosophical Society's existence. It has been alleged on *prima facie* evidence that a notable discrepancy was found between the statements made in '*Isis Unveiled*,' Vol. I, 351-2, and later teachings from the same pen and under the inspiration of the same master.¹

In *Isis*, it was held, reincarnation is denied. An occasional return only of 'depraved spirits' is allowed. "Exclusive of that rare and doubtful possibility, '*Isis*' allows only three cases — abortion, very early death, and idiocy — in which reincarnation on this earth occurs" ('C. C. M' in *Light*, 1882)

The charge was answered then and there as every one who will turn to *The Theosophist* of August, 1882, can see for himself. Nevertheless, the answer either failed to satisfy some readers or passed unnoticed. Leaving aside the strangeness of the assertion that *reincarnation* — i. e., the serial and periodical rebirth of every individual *monad* from *pra'aya* to *pralaya*² — is denied, in the face of the fact that the doctrine is part and parcel and one of the fundamental features of Hindûism and Buddhism, the charge amounted virtually to this: the writer of the present, a professed admirer and student of Hindû philosophy, and as professed a follower of Buddhism years before *Isis* was written, by rejecting reincarnation must necessarily reject KARMA likewise! For the latter is the very *corner-stone* of Esoteric philosophy and Eastern religions; it is the grand and one pillar on which hangs the whole philosophy of rebirths, and, once the latter is denied, the whole doctrine of Karma falls into meaningless verbiage.

Nevertheless the opponents, without stopping to think of the evident 'discrepancy' between charge and fact, accused a Buddhist by profession of faith of denying reincarnation, hence also by implication — Karma. Adverse to wrangling with one who was a friend and undesirous at the time to enter upon a defense of details and internal evidence — a loss of time indeed, — the writer answered merely with a few sentences. But it now

1. See charge and answer, in *The Theosophist*, August, 1882.

2. The cycle of existence during the *manvantara* — period before and after the beginning and completion of which every such 'monad' is absorbed and reabsorbed in the ONE soul, *anima mundi*.

becomes necessary to well define the doctrine. Other critics have taken the same line, and by misunderstanding the passages to that effect in *Isis* they have reached the same rather extraordinary conclusions.

To put an end to such useless controversies, it is proposed to explain the doctrine more clearly.

Although, in view of the later more minute renderings of the esoteric doctrines, it is quite immaterial what may have been written in *Isis* — an encyclopaedia of occult subjects in which each of these is *hardly sketched* — let it be known at once that the writer maintains the correctness of every word given out upon the subject in her earlier volumes. What was said in *The Theosophist* of August, 1882, may now be repeated here. The passage quoted from it may be, and is most likely, "incomplete, chaotic, vague, perhaps clumsy, as are many more passages in that work, the first literary production of a foreigner who even now can hardly boast of her knowledge of the English language." Nevertheless it is quite correct so far as that collateral feature of reincarnation is therein concerned.

I shall now give extracts from *Isis* and proceed to explain every passage criticized, wherein it was said that "*a few fragments of this mysterious doctrine of reincarnation as distinct from metempsychosis*" — would be then presented. Sentences now explained are in italics.

"Reincarnation, i. e. the appearance of the same individual, or rather of his astral monad, twice on the same planet is not a rule in nature, it is an exception, like the teratological phenomenon of a two-headed infant. It is preceded by a *violation of the laws of harmony of nature*, and happens only when the latter, *seeking to restore its disturbed equilibrium, violently throws back into earth-life the astral monad which had been tossed out of the circle of necessity by crime or accident*. Thus in cases of abortion, of infants dying before a certain age, and of congenital and incurable idiocy, nature's original design to produce a perfect human being, has been interrupted. Therefore, while the gross matter of each of these several entities is suffered to disperse itself at death, through the vast realm of being, *the immortal spirit and astral monad of the individual — the latter having been set apart to animate a frame and the former to shed its divine light on the corporeal organization — must try a second time to carry out the purpose of the creative intelligence.*" (Vol. 1, p. 351.)

Here the 'astral monad' or body of the deceased personality — say of John or Thomas — is meant. It is that which, in the teachings of the Esoteric philosophy of Hindûism, is known under its name of *bhûta*; in the Greek philosophy is called the *simulacrum* or *umbra*, and in all other philosophies worthy of the name is said, as taught in the former, to disappear after a certain period more or less prolonged in *Kâma-loka* — the Limbus of the Roman Catholics, or *Hades* of the Greeks.³ It is "a violation of the laws of harmony of nature," though it be so decreed by those of *Karma* — every time that the astral monad, or the *simulacrum* of the personality — of John or Thomas — instead of running down to the end of its natural period of time in a body, finds itself (a) violently thrown out of it whether by early death or accident; or (b) is compelled in consequence of its unfinished task to reappear, (i. e., *the same astral body wedded to the same immortal monad*) on earth again, in order to complete the unfinished task. Thus "it must try a second time to carry out the purpose of creative intelligence" or *law*.

3. Hades has surely never been meant for *Hell*. It was always the abode of the sorrowing shadows of astral bodies of the dead personalities. Western readers should remember *Kâma-loka* is not *Karma-loka*, for *Kâma* means *desire*, and *Karma* does not.

"If reason has been so far developed as to become active and discriminative there is no (*immediate*) *reincarnation* on this earth, for the three parts of the triune man have been united together and he is capable of running the race. But when the new being has not passed beyond the condition of Monad, or when, as in the idiot, the trinity has not been completed on earth and therefore can not be so after death, the immortal spark which illuminates it, has to re-enter on the earthly plane as it was frustrated in its first attempt. Otherwise, the mortal or astral, and the immortal or divine souls, *could not progress in unison and pass onward to the sphere above*⁴ (*Derachan*). Spirit follows a line parallel with that of matter; and the spiritual evolution goes hand in hand with the physical."

The Occult Doctrine teaches that:—

(1) There is no *immediate* reincarnation on Earth for the Monad, as falsely taught by the Reincarnationist Spiritists; nor is there any second incarnation at all for the '*personal*' or *false* Ego — the *perisprit* — save the exceptional cases mentioned. But that (a) there are re-births, or periodical reincarnations for the immortal Ego ('Ego' during the cycle of re-births, and *non-Ego*, in Nirvāna or *Moksha* when it becomes *impersonal* and *absolute*); for that Ego is the root of every new incarnation, the string on which are threaded, one after the other, the false personalities or illusive bodies called men, in which the Monad-Ego incarnates itself during the cycle of births; and (b) that such reincarnations take place not before 1500, 2000, and even 3000 years of *Derachanic* life.

(2) That *Manas* — the seat of *Jiva*, that spark which runs the round of the cycle of births and rebirths with the Monad, from the beginning to the end of a *Manvantara* — is the real *Ego*. That (a) the *Jiva* follows the divine monad that gives it spiritual life and immortality into *Derachan*, — that therefore, it can neither be reborn before its appointed period, nor reappear on Earth *visibly* or *invisibly* in the *interim*; and (b) that, unless the fruition, the spiritual aroma of the *Manas*, or all those highest aspirations and spiritual qualities and attributes that constitute the higher SELF of man, become united to its monad, the latter becomes as *Non-existent*; since it is *in esse* '*impersonal*' and *per se* Ego-less, so to say, and gets its spiritual coloring or flavor of Ego-tism only from each *Manas* during incarnation and after it is disembodied and separated from all its lower principles.

(3) That the remaining four principles, or rather the $2\frac{1}{2}$ — as they are composed of the terrestrial portion of *Manas*, of its vehicle *Kāma-rūpa* and *Linga-śarīra* — the body dissolving immediately, and *prāna* or the life-principle along with it, — that these principles having belonged to the *false* personality are unfit for *Derachan*. The latter is the state of Bliss, the reward for all the undeserved miseries of life,⁵ and that which prompted man to sin, namely his terrestrial passionate nature, can have no room in it.

4. Had this word '*immediate*' been put at the time of publishing *Isis* between the two words '*no*' and '*reincarnation*' there would have been less room for dispute and controversy.

5. By '*sphere above*,' of course *Derachan* was meant.

6. The reader must bear in mind that the esoteric teaching maintains that save in cases of wickedness when man's nature attains the acme of Evil and human terrestrial sin reaches *Satanic* universal character, so to say, as some *Sorcerers* do — there is no punishment for the majority of mankind after death. The law of retribution as *Karma* waits man at the threshold of his new incarnation. Man is at best a wretched tool of evil, unceasingly forming new causes and circumstances. He is not always (if ever) responsible. Hence a period of rest and bliss in *Derachan*, with an utter temporary oblivion of all the sorrows and miseries of life. *Arcthi* is a spiritual state of greatest misery and is only in store for those who have devoted *consciously* their lives to doing injury to others and have thus reached its highest spirituality of Evil.

Therefore the *non-reincarnating* principles (the false personality) are left behind in *Kāma-loka*, firstly as a material residue, then later on as a reflexion on the mirror of Astral life. Endowed with *illusory* action, to the day when having gradually faded out they disappear, what is it but the Greek *Eidolon* and the *simulacrum* of the Greek and Latin poets and classics?

"What reward or punishment can there be in that sphere of disembodied human entities for a *foetus* or a human embryo which had not even time to breathe on this earth, still less an opportunity to exercise the divine faculties of its spirit? Or, for an irresponsible infant, whose senseless monad remaining dormant within the astral and physical casket, could hardly prevent him from burning himself or another person to death? Or again for one idiotic from birth, the number of whose cerebral convolutions is only from twenty to thirty per cent of those of sane persons, and who is therefore irresponsible for his disposition, his actions, or the imperfections of his vagrant, half-developed intellect?" (*Isis Unveiled*, Vol. I, p. 352.)

These are then the 'exceptions' spoken of in *Isis*, and the doctrine is maintained now as it was then. Moreover, there is no 'discrepancy' but only *incompleteness* — hence, misconceptions arising from later teachings. Then again, there are several important mistakes in *Isis* which as the plates of the work had been *stereotyped*, were not corrected in subsequent editions.

One of such is on page 346, and another in connexion with it and as a sequence on page 347.

The discrepancy between the first portion of the statement and the last ought to have suggested the idea of an evident mistake. It is addressed to the spiritists, *reincarnationists* who take the more than ambiguous words of Apuleius as a passage that corroborates their claims for their 'spirits' and reincarnation. Let the reader judge whether Apuleius does not justify rather *our* assertions. We are charged with denying reincarnation, and this is what we said there and then in *Isis*!

"The philosophy teaches that nature *never leaves her work unfinished; if baffled at the first attempt, she tries again*; when she evolves a human embryo, the intention is that a man shall be perfected — physically, intellectually, and spiritually. His body is to grow, mature, wear out, and die; his mind unfold, ripen, and be harmoniously balanced; his divine spirit illuminate and blend easily with the inner man. No human being completes its grand cycle, or the 'circle of necessity,' until all these are accomplished. As the laggards in a race struggle and plod in their first quarter while the victor darts past the goal, so in the race of immortality, some souls outspeed all the rest and reach the end, while their myriad competitors are toiling under the load of matter, close to the starting point. Some unfortunates fall out entirely and lose all chance of the prize; some retrace their steps and begin again." (*Isis Unveiled*, Vol. I, p. 345, *sq.*)

7. Says Apuleius: "The soul is born in this world upon leaving the soul of the world (*anima mundi*) in which her existence precedes the one we all know (on earth). Thus, the Gods who consider her proceedings in all the phases of various existences and as a whole, punish her sometimes for sins committed during an *anterior* life. She *dies* when she separates herself from a body in which she crossed this life as in a frail bark. And this is, if I mistake not, the secret meaning of the tumulary inscription, so simple for the initiate: '*To the Gods manes who lived.*' But this kind of death does not annihilate the soul, it only transforms (one portion of it) into a *lemure*. '*Lemures*' are the *manes*, or ghosts, which we know under the name *laras*. When they keep away and *show us a beneficent protection*, we honor in them the protecting divinities of the family hearth; but if their crimes sentence them to err, we call them *laras*. They become a plague for the wicked, and the vain terror of the good." (*Du dieu de Socrate*, pp. 143-5: *Apul. class.*, ed. Nizard.)

Clear enough this, one should say. Nature baffled *tries again*. No one can pass out of this world (our earth) without becoming perfected *physically, morally, and spiritually*. How can this be done, unless there is a *series of rebirths* required, for the necessary perfection in each department — to evolve in the 'circle of necessity' — can surely never be found in one human life? and yet this sentence is followed without any break by the following parenthetical statement: "This is what the Hindû dreads above all things — *transmigration and reincarnation*; only on other and inferior planets, never on this one."!!!

The last 'sentence' is a fatal mistake, and one to which the writer pleads '*not guilty*.' It is evidently the blunder of some 'reader' who had no idea of Hindû philosophy and who was led into a subsequent mistake on the next page, wherein the unfortunate word "planet" is put for *cycle*. *Isis* was hardly, if ever, looked into after its publication by its writer, who had other work to do; otherwise there would have been an apology and a page pointing to the *errata*, and the sentence made to run: "The Hindû dreads transmigration in other *inferior* forms, on this planet."

This would have dovetailed with the preceding sentence, and would show a fact, as the Hindû *esoteric* views allow him to believe and fear the possibility of reincarnation — human and animal in turn by jumps, from man to beast and even to plant, and *vice versa*; whereas *esoteric* philosophy teaches that nature never proceeding backward in her evolutionary progress, once that man has evolved from every kind of lower forms — the mineral, vegetable, and animal kingdoms — into the human form, he can never become an animal except morally, hence — *metaphorically*. Human incarnation is a cyclic necessity and law; and no Hindû dreads it — however much he may deplore the necessity. And this law and the periodical recurrence of man's rebirth is shown on the same page (346) and in the same unbroken paragraph, where it is closed by saying that:

"But there is a way to avoid it. Buddha taught it in his doctrine of poverty, restriction of the senses, perfect indifference to the objects of this earthly vale of tears, freedom from passion, and frequent intercommunication with the *Âtmâ* — soul-contemplation. *The cause of reincarnation is ignorance⁸ of our senses, and the idea that there is any reality in the world, anything except abstract existence.* From the organs of sense comes the 'hallucination' we call contact; 'from contact, desire; from desire, sensation [which also is a deception of our body]; from sensation, the cleaving to existing objects; from this cleaving, reproduction; and from reproduction, disease, decay, and death.'"

This ought to settle the question and show there must have been some carelessly unnoticed mistake, and if this is not sufficient, there is something else to demonstrate it, for it is stated further on:

"Thus, like the revolutions of a wheel, *there is a regular succession of death and birth*, the moral cause of which is the cleaving to existing objects, while the instrumental cause is *Karma* (the power which controls the universe, prompting it to activity, merit and demerit). It is, therefore, the great object of all beings who would be released *from the sorrows of successive birth*, to seek the destruction of the moral cause, the cleaving to existing objects, or evil desire. . . .

"They, in whom evil desire is entirely destroyed, are called *Arhats*. Freedom from evil desire insures the possession of a *miraculous* energy. At his death, the Arhat [is never reincarnated; he] invariably attains Nirvâna'^{8a} — a word, by the way, falsely interpreted by the Christian scholars and skeptical commentators. Nirvâna is the world of *cause*, in which all deceptive effects or delusions of our senses

8. "The cause of reincarnation is ignorance" — therefore there is 'reincarnation' since the writer explained the causes of it.

8a. Hardy: *Eastern Monachism*.

disappear. Nirvāna is the highest attainable sphere. The *pitris* (the pre-Adamite spirits) are considered by the Buddhistic philosopher as reincarnated, though in a degree far superior to that of the man of earth. Do they not die in their turn? Do not their astral bodies suffer and rejoice, and feel the same curse of illusionary feelings as when embodied?"

And just after this we are again made to say of Buddha and his Doctrine of 'Merit and Demerit,' or Karma:

"But this *former life* believed in by the Buddhists, is not a life on *this planet*, for, more than any other people, the Buddhistical philosopher appreciated the great doctrine of cycles."

Correct "life on this planet" by "*life in the same cycle*," and you will have the correct reading; for what would appreciation of 'the great doctrine of cycles' have to do with Buddha's philosophy, had the great sage believed in but one short life on this Earth and in the same cycle? But to return to the real theory of reincarnation as in the esoteric teaching, and its unlucky rendering in *Isis*.

Thus, what was really meant therein was that the principle which *does not reincarnate* — save the exceptions pointed out — is the *false* personality, the illusive human Entity defined and individualized during this short life of ours, under some specific form and name; but that which *does* and has to reincarnate *volens volens* under the unflinching, stern rule of Karmic law — is the real EGO. This confusing of the real immortal Ego in man, with the false and ephemeral *personalities* it inhabits during its Manvantaric progress, lies at the root of every such misunderstanding. Now what is the one, and what is the other? The first group is —

1. The immortal Spirit — sexless, formless (*arūpa*), an emanation from the One universal BREATH.

2. Its Vehicle—the *divine* Soul—called the 'Immortal Ego,' the 'Divine monad,' etc., etc., which by accretions from *Manas* in which burns the ever-existing *Jiva* — the undying spark—adds to itself at the close of each incarnation the essence of that individuality *that was*, the aroma of the culled flower that is no more.

What is the *false* personality? It is that bundle of desires, aspirations, affection and hatred, in short of *action*, manifested by a human being on this earth during one incarnation and under the form of one personality.⁹ Certainly it is not all *this* (which is in fact,

9. A proof how our theosophical teachings have taken root in every class of Society and even in English literature may be seen by reading Mr. Norman Pearson's article 'Before Birth,' in the *Nineteenth Century* for August, 1886. Therein, theosophical ideas and teachings are speculated upon without acknowledgment or the smallest reference to theosophy, and among others, we see with regard to the author's theories on the *Ego*, the following: "How much of the *individual personality* is supposed to go to heaven or hell? Does the whole of the mental equipment, good and bad, noble qualities and unholy passions, follow the soul to its hereafter? Surely not. But if not, and something has got to be stripped off, how and when are we to draw the line? If, on the other hand, the Soul is something distinct from our mental equipment, except the sense of self, are we not confronted by the incomprehensible notion of a personality without any attributes?"

To this query the author answers as any true theosophist would: "The difficulties of the question really spring from a misconception of the true nature of these attributes. The components of our mental equipment — appetites, aversions, feelings, tastes and qualities generally — are not absolute but relative existences. Hunger and thirst for instance, are states of consciousness which arise in response to the stimuli of physical necessities. They are not inherent elements of the soul and *will disappear* or become modified, etc." (pp. 356 and 357.) In other words the theosophical doctrine is adopted. *Atma* and *Buddhi* having culled off the *Manas* the aroma of the personality or human soul — go into Devachan; while the lower principles, the astral *simulacrum* or false personality void of its Divine monad or spirit, will remain in the *Kama-loka* — the 'Summerland.'

for us, the deluded, material, and materially thinking lot, Mr. So and So, or Mrs. Somebody Else) that remains immortal, or is ever reborn.

All that bundle of *Egotism*, that apparent and evanescent 'I,' disappears after death, as the costume of the part he played disappears from the actor's body after he leaves the theater and goes to bed. That actor re-becomes at once the same John Smith or Gray he was from his birth, and is no longer the Othello or Hamlet that he had represented for a few hours. Nothing remains now of that 'bundle' to go to the next incarnation, except the seed for future Karma that *Manas* may have united to its immortal group, to form with it the disembodied *Higher Self* in *Devachan*. As to the four lower principles, what becomes of them is found in most classics, from which we mean to quote at length for our defense. The doctrine of the *perispirit*, the false 'personality,' or the remains of the deceased under their astral form — fading out to disappear in time, is terribly distasteful to the spiritualists, who insist upon confusing the temporary with the immortal Ego.

Unfortunately for them and happily for us, it is not the modern Occultists who have invented the doctrine. They are on their defense. And they prove what they say, i. e., that no 'personality' has ever yet been "reincarnated" "on the same planet" (our earth, this once there is no mistake) save in the three exceptional cases above cited. Adding to these a fourth case, which is the deliberate, conscious act of adeptship; and that such an astral body belongs neither to the body nor the soul, still less to the immortal spirit of man, the following is brought forward and proofs cited.

Before one brings out on the strength of undeniable manifestations, theories as to what produces them, and claims at once on *prima facie* evidence that it is the spirits of the departed mortals that re-visit us, it behooves one first to study what antiquity has declared upon the subject. Ghosts and apparitions, materialized and semi-material 'spirits,' have not originated with Allan Kardec, nor at Rochester. If those beings whose invariable habit it is to give themselves out for souls and the phantoms of the dead, choose to do so and succeed, it is only because the cautious philosophy of old is now replaced by an *a priori* conceit, and unproven assumptions. The first question to be settled is — "Have spirits any kind of substance to clothe themselves with?" Answer: That which is now called *perispirit* in France, and a 'materialized form' in England and America, was called in days of old *peri-psyche*, and *peri-nous*, hence was well known to the old Greeks. Have they a body, whether gaseous, fluidic, ethereal, material or semi-material? No; we say this on the authority of the occult teachings the world over. For with the Hindûs *âtma* or spirit is *arûpa* (bodiless), and with the Greeks also. Even in the Roman Catholic Church the angels of Light, as those of Darkness, are absolutely incorporeal: "*meri spiritus, omnes corporis expertes*," and in the words of the 'SECRET DOCTRINE,' primordial. Emanations of the undifferentiated Principle, the *Dhyân Chohans* of the ONE (First) category or pure Spiritual Essence, are formed of the *Spirit of the one Element*; the second category of the second Emanation of the Soul of the Elements; the third have a 'mind body' to which they are not subject, but that they can assume and govern as a body, subject to them, pliant to their will in form and substance. Parting from this (third) category, they (the spirits, angels, *Devās* or *Dhyân Chohans*) have bodies, the first *rûpa* group of which is composed of one element — Ether; the second, of two — Ether and fire; the third, of three — Ether, fire and water; the fourth, of four — Ether, air, fire and water. Then comes man, who, besides the four elements, has the fifth that predominates in him — Earth; therefore he suffers. Of the Angels, as said by Augustine and Peter Lombard, their bodies are made to act, not to suffer. "It is earth

and water, *humor et humus*, that gives an aptitude for suffering and passivity, *ad patientiam*, and *Ether and Fire* for action." The spirits or human *monads*, belonging to the first, or undifferentiated essence, are thus incorporeal; but their third principle (or the human Fifth — *Manas*) can in conjunction with its vehicle become *Kāma-rūpa* and *Māyā-rūpa* — body of desire or 'illusion body.' After death, the best, noblest, purest qualities of *Manas* or the human soul ascending along with the divine Monad into *Devachan*, whence no one emerges from or returns, except at the time of reincarnation — what is that then which appears under the double mask of the spiritual *Ego* or soul of the departed individual? *The Kāma-rūpa element with the help of elementals*. For we are taught that those spiritual beings that can assume a form at will and appear, *i. e.*, make themselves objective and even tangible — are the angels alone (the *Dhyān Chohans*) and the *nirmānakāya*¹⁰ of the adepts, whose spirits are clothed in sublime matter. The astral bodies — the remnants and dregs of a mortal being which has been disembodied, when they do appear, are not the individuals they claim to be, but only their *simulacra*. And such was the belief of the whole of antiquity, from Homer to Swedenborg, from the third race down to our own day.

More than one devoted spiritualist has hitherto quoted Paul as corroborating his claim that spirits do and can appear. "If there is a natural body, there is also a spiritual body," etc., etc., (*1 Cor. xv, 44*); but one has only to study closer the verses preceding and following the one quoted, to perceive that what Paul meant was quite different from the sense claimed for it. Surely there is a *spiritual* body, but it is not identical with the *astral* form contained in the "natural" man. The "spiritual" is formed only by our individuality *unclothed and transformed after death*; for the apostle takes care to explain in verses 51 and 52, "*omnes quidem non dormiemus, omnes autem immutabimur*." "Behold, I tell you a mystery: we shall *not all sleep* but we *shall all be changed*." This corruptible must put on incorruption, and this mortal must put on immortality."

But this is no proof except for the Christians. Let us see what the old Egyptians and the Neo-Platonists — both '*theurgists*' *par excellence* — thought on the subject: They divided man into three principal groups subdivided into principles as we do: pure immortal spirit; the 'spectral soul' (*a luminous phantom*), and the gross material body. Apart from the latter, which was considered as the terrestrial shell, these groups were divided into six principles: (1) *Kha*, 'vital body,' (2) *Khaibit*, 'astral form,' or shadow, (3) *Khu*, 'animal soul,' (4) *Akh*, 'terrestrial intelligence,' (5) *Sa*, son of *Rā*, 'the divine soul' (or *Buddhi*), and (6) *Sāḥ* or mummy, the functions of which began after death. *Osiris* was the highest uncreated spirit, for it was in one sense a generic name, every man becoming after his translation *Osirified*, *i. e.*, absorbed into *Osiris* — *Sun*, or into the glorious divine state. It was *Khu*, with the lower portions of *Akh* or *Kāma-rūpa* with the addition of the dregs of *Manas* remaining all behind in the astral light of our atmosphere — that formed the counterparts of the terrible and so much dreaded *bhūtas* of the Hindūs (our '*elementaries*'). This is seen in the rendering made of the so-called

10. *Nirmānakāya* is the name given to the astral forms (in *their completeness*) of adepts, who have progressed too high on the path of knowledge and absolute truth, to go into the state of *Devachan*; and have on the other hand deliberately refused the bliss of *Nirvāna*, in order to help Humanity by invisibly guiding and helping on the same path of progress elect men. But these *astrals* are not empty shells, but complete monads made up of the 3d, 4th, 5th, 6th, and 7th principles. There is another order of *nirmānakāya*, however, of which much will be said in *The Secret Doctrine*. — H. P. B.

'Harris Papyrus on Magic' — *Papyrus Magique*, translated by Chabas — who calls them *Kouey* or *Khou*, and explains that according to the hieroglyphics they were called *Khou* (*Khu*), or the 'revivified dead,' the 'resurrected shadows.'¹¹

When it was said of a person that he "had a *Khu*," it meant that he was possessed by a 'Spirit.' There were two kinds of *Khus* — the justified ones, who after living for a short time a *second life* (*nem ank*) faded out, disappeared; and those *Khus* who were condemned to wandering without rest in darkness *after dying for a second time* — *mut em nem* — and who were called the *Su met-er* ('second time dead'), which did not prevent them from clinging to a vicarious life after the manner of Vampires. How dreaded they were is explained in our Appendices on Egyptian Magic and 'Chinese Spirits' (*The Secret Doctrine*). They were exorcized by Egyptian priests as the evil spirit is exorcized by the Roman Catholic *curé*; or again the Chinese *houen*, identical with the *Khu* and the 'Elementary,' as also with the *lares* or *larvae* — a word derived from the former by Festus, the grammarian, who explains that they were "the shadows of the dead *who gave no rest in the house they were in*, either to the Masters or the servants." These creatures when evoked during theurgic, and especially *necromantic* rites, were regarded — and are so regarded still, in China — as neither the Spirit, Soul nor any thing belonging to the deceased personality they represented, but simply as his reflexion — *simulacrum*.

"The human soul," says Apuleius, "is an *immortal God* [*Buddhi*], which nevertheless has, in a sense, its beginning when man is born. When death rids it [the Soul] from its earthly corporeal organism, it is called *lemure*. There are among the latter not a few which are beneficent, and which become the gods [or daemons] of the family [*i. e.*, its domestic gods]; in which case they are called *lares*. But they are vilified and spoken of as *larvae* when sentenced by fate to wander about; they spread around them evil and plagues (*Inane terroculamentum, ceterum noxium malis*); or if their real nature is doubtful, they are referred to simply as *manes*." (*Du dieu de Socrate*, pp. 143-145, edit. Nizard.) Listen to Iamblichus, Proclus, Porphyry, Psellus, and to dozens of other writers on these mystic subjects.

The Magi of Chaldaea believed and taught that the *celestial or divine soul* would participate in the bliss of eternal light, while the animal or *sensuous soul* would, if good, rapidly dissolve, and if wicked, go on wandering about in the Earth's sphere. In this case, "it (the soul) assumes at times the forms of various human phantoms and even those of animals." The same was said of the *Eidolon* of the Greeks, and of their *Nephesh* by the Rabbins (see *Sciences Occultes*, Count de Resie, V. 11). All the *Illuminati* of the middle ages tell us of our *astral Soul*, the reflexion of the dead or his *specter*. At *natal death* (birth) the pure spirit remains attached to the *intermediate* and *luminous body*, but as soon as its lower form (the physical body) is dead, the former *ascends* heavenward, and the latter descends into the nether worlds, or the *Kāma-loka*.

Homer shows us the body of Patroclus — the true image of the terrestrial body lying killed by Hector — rising in its spiritual form, and Lucretius [*De Rer. Nat.*, I, 123] shows old Ennius representing Homer himself, shedding bitter tears, amidst the *shadows* and the human *simulacra* on the shores of Acherusia, "where live neither our bodies nor our souls, but only our images."

11. Placing these parallel with the division in esoteric teaching we see that (1) *Ovris* is *Ātmā*; (2) *Sa* (Son of *Rā*) is *Buddhi*; (3) *Akh* is *Manas*; (4) *Khu* is *Kāma-rūpa*, the seat of terrestrial desires; (5) *Khaibit* is *Linga-Śarīra*; (6) *Kha* is *Prāṇdīmā* (vital principle); (7) *Sāh* finally came to mean the mummy or body.

. *Esse Acherusia templa,*
Quo neque permanent animae, neque corpora nostra,
Sed quaedam simulacra,

Vergil called it *imago*, 'image,' and in the *Odyssey* (xi) the author refers to it as the type, the model, and at the same time the copy of the body; since Telemachus will not recognise Ulysses and seeks to drive him off by saying — "No, thou art not my father; thou art a daemon, — trying to seduce me!" (*Odys.*, xvi, 194.) "Latins do not lack significant proper names to designate the varieties of their daemons; and thus they called them in turn *lares*, *lemures*, *genii* and *manes*." Cicero, in translating Plato's *Timaeus*, translates the word *daimones* by *lares*; and Festus the grammarian explains that the inferior or lower gods were the *souls* of *men*, making a difference between the two as Homer did, and between *anima bruta* and *anima divina* (animal and divine souls). Plutarch (in *Quaest. Rom.*) makes the *lares* preside and inhabit the (haunted) houses, and calls them cruel, exacting, inquisitive, etc., etc. Festus thinks that there are good and bad ones among the *lares*. For he calls them at one time *praestites* as they gave occasionally and watched over things carefully (*direct apports*), and at another — *hostileos*.¹² "However it may be," says Leloyer, in his queer old French, "they are no better than our devils, who, if they do appear helping sometimes men, and presenting them with property, it is only to hurt them the better and the more later on. *Lemures* are also devils and *larvae*, for they appear at night in various human and animal forms, but still more frequently with features that *THEY borrow from dead men*." (*Livre des Spectres*, V, iv, p. 15 and 16.)

After this little honor rendered to his Christian preconceptions, that see Satan everywhere, Leloyer speaks like an Occultist, and a very erudite one too.

"It is quite certain that the *genii* and none other had mission to watch over newly born man, and that they were called *genii*, as says Censorinus, because they had in their charge our race, and not only they *presided* over every mortal being but over whole generations and tribes, being the *genii of the people*."

The idea of guardian angels of men, races, localities, cities and nations, was taken by the Roman Catholics from the prechristian occultists and pagans. Symmachus (*Epist.* I, x) writes: "As souls are given to those who are born, so *genii* are distributed to the nations. Every city had its protecting genius, to whom the people sacrificed." There is more than one inscription found that reads: *Genio civitatis* — "to the genius of the city."

Only the ancient profane never seemed sure, any more than the modern, whether an apparition was the *eidolon* of a relative or the genius of the locality. Aeneas while celebrating the anniversary of the name of his father Anchises, seeing a serpent crawling on his tomb, knew not whether that was the *genius* of his father or the genius of the place (Vergil, *Aeneid*, V, 95). "The *manes*" were numbered and divided between good and bad; those that were *sinister*, and that Vergil calls *numina laeva*, were appeased by sacrifices that they should commit no mischief, such as sending bad dreams to those who despised them, etc."

Tibullus shows this by his line:—

Ne tibi neglecti mittant insomnia manes. (*Eleg.*, I, ii.)

12. Because they drove the enemies away.

13. From *manus* — 'good,' an *antiphrasis*, as Festus explains.

"Pagans thought that the *lower Souls* were transformed after death into *diabolical aerial spirits*." (Leloyer, p. 22.)

The term *Heteroprosopos*, when divided into its several compound words, will yield a whole sentence, "another than I under the features of my person."

It is to this terrestrial principle, the *eidolon*, the *larva*, the *bhûta* — call it by whatever name — that reincarnation was refused in *Iris*.¹⁴

The doctrines of Theosophy are simply the faithful echoes of Antiquity. Man is a *Unity* only at his origin and at his end. All the Spirits, all the Souls, gods and daemons emanate from and have for their root-principle the SOUL OF THE UNIVERSE — says Porphyry (*De Abst.*). No famous philosopher of antiquity existed who did not believe (1) in reincarnation (metempsychosis), (2) in the plurality of principles in man, or that man had *two* Souls of separate and quite different natures; one perishable, the *Astral Soul*, the other incorruptible and immortal; and (3) that the former was not the man whom it represented — "neither his spirit nor his body, but his *reflexion*, at best." This was taught by Brâhmans, Buddhists, Hebrews, Greeks, Egyptians, and Chaldeans; by the postdiluvian heirs of the prediluvian Wisdom, by Pythagoras and Socrates, Clemens Alexandrinus, Synesius and Origen, the oldest Greek poets as much as the Gnostics, whom Gibbon shows as the most refined, learned and enlightened men of all ages (see *Decline and Fall*, etc.). But the rabble was the same in every age: superstitious, self-opinionated, materializing every most spiritual and noble idealistic conception and dragging it down to its own low level, and — ever adverse to philosophy.

But all this does not interfere with that fact, that our 'Fifth Race' man, analysed esoterically as a septenary creature, was ever *exoterically* recognised as mundane, sub-mundane, terrestrial and supra-mundane, Ovid graphically describing him as —

Bis duo sunt homines: *manes, caro, spiritus, umbra*;
Quatuor ista loca bis duo suscipiunt.
Terra tegit carnem, tumulum circumvolat umbra,
Orcus habet *manes*, spiritus astra petit.

OSTENDE, Oct., 1886

14. On page 12, Vol. I, of *IRIS UNVEILED* belief in reincarnation is asserted from the very beginning, as forming part and parcel of universal beliefs. 'Metempsychosis' (or transmigration of souls) and reincarnation being after all the same thing.

MY BOOKS

By H. P. BLAVATSKY

(Reprint from *Lucifer*, May 15, 1891)

SOME time ago, a Theosophist, Mr. R —, was traveling by rail with an American gentleman, who told him how surprised he had been by his visit to our London Headquarters. He said that he had asked Mme Blavatsky what were the best Theosophical works for him to read, and had declared his intention of procuring *Isis Unveiled*, when to his astonishment she replied, "Don't read it, *it is all trash*."

Now I did not say "trash" so far as I remember; but what I did say in substance was: "Leave it alone; *Isis* will not satisfy you. Of all the books I have put my name to, this particular one is, in literary arrangement, the worst and most confused." And I might have added with as much truth that, carefully analysed from a strictly literary and critical standpoint, *Isis* was full of misprints and misquotations; that it contained repetitions, most irritating digressions, and to the casual reader unfamiliar with the various aspects of metaphysical ideas and symbols, as many apparent contradictions; that much of the matter in it ought not to be there at all, and also that it had some very gross mistakes due to the many alterations in proof-reading in general, and word corrections in particular. Finally, that the work, for reasons that will be now explained, has no system in it; and that it looks in truth, as remarked by a friend, as if a mass of independent paragraphs having no connexion with each other, had been well shaken up in a waste-basket, and then taken out at random and — published.

Such is also now my sincere opinion. The full consciousness of this sad truth dawned upon me when, for the first time after its publication in 1877, I read the work through from the first to the last page, in India in 1881. And from that date to the present, I have never ceased to say what I thought of it, and to give my honest opinion of *Isis* whenever I had an opportunity for so doing. This was done to the great disgust of some, who warned me that I was spoiling its sale; but as my chief object in writing it was neither personal fame nor gain, but something far higher, I cared little for such warnings. For more than ten years this unfortunate "masterpiece," this "monumental work," as some reviews have called it, with its hideous metamorphoses of one word into another, thereby entirely transforming the meaning,^{14a} with its misprints and wrong quotation-marks, has given me more anxiety and trouble than anything else during a long life-time which has ever been more full of thorns than of roses.

But in spite of these perhaps too great admissions, I maintain that *Isis Unveiled*

14a. Witness the word 'planet' for 'cycle' as originally written, corrected by some unknown hand (Vol. I, p. 347, 2nd par.), a 'correction' which shows Buddha teaching that there is *no rebirth on this planet* (!!) when the contrary is asserted on p. 346, and the Lord Buddha is said to teach how to 'avoid' *reincarnation*: the use of the word 'planet' for *plane*, of 'Monas' for *Manas*: and the sense of whole ideas sacrificed to the grammatical form, and changed by the substitution of wrong words and erroneous punctuation, etc., etc., etc.

contains a mass of original and never hitherto divulged information on occult subjects. That this is so, is proved by the fact that the work has been fully appreciated by all those who have been intelligent enough to discern the kernel, and pay little attention to the shell, to give the preference to the idea and not to the form, regardless of its minor shortcomings. Prepared to take upon myself — *vicariously* as I will show — the sins of all the external, purely literary defects of the work, I defend the ideas and teachings in it, with no fear of being charged with conceit, since *neither ideas nor teaching are mine*, as I have always declared; and I maintain that both are of the greatest value to mystics and students of Theosophy. So true is this, that when *Isis* was first published, some of the best American papers were lavish in its praise — even to exaggeration.^{14b}

The first enemies that my work brought to the front were Spiritualists, whose fundamental theories as to the spirits of the dead communicating in *propria persona* I upset. For the last fifteen years — ever since this first publication — an incessant shower of ugly accusations has been poured upon me. Every libelous charge, from immorality and the 'Russian spy' theory down to my acting on false pretenses, of being a chronic fraud

14b. *ISIS UNVEILED*; a master key to the mysteries of ancient and modern science and theology. By H. P. Blavatsky, Corresponding Secretary of the Theosophical Society. 2 vols., royal 8vo., about 1500 pages, cloth, \$7.50. Fifth Edition.

"This monumental work . . . about everything relating to magic, mystery, witchcraft, religion, spiritualism, which would be valuable in an encyclopaedia." — *North American Review*

"It must be acknowledged that she is a remarkable woman, who has read more, seen more, and thought more than most wise men. Her work abounds in quotations from a dozen different languages, not for the purpose of a vain display of erudition, but to substantiate her peculiar views . . . her pages are garnished with foot-notes establishing, as her authorities, some of the profoundest writers of the past. To a large class of readers, this remarkable work will prove of absorbing interest. . . . demands the earnest attention of thinkers, and merits an analytic reading." — *Boston Evening Transcript*

"The appearance of erudition is stupendous. Reference to and quotations from the most unknown and obscure writers in all languages abound, interspersed with allusions to writers of the highest repute, which have evidently been more than skimmed through." — *N. Y. Independent*

"An extremely readable and exhaustive essay upon the paramount importance of re-establishing the Hermetic Philosophy in a world which blindly believes that it has outgrown it." — *N. Y. World*

"Most remarkable book of the season." — *Com. Advertiser*

"To readers who have not made themselves acquainted with the literature of mysticism and alchemy, the volume will furnish the materials for an interesting study — a mine of curious information." — *Evening Post*

"They give evidence of much and multifarious research on the part of the author, and contain a vast number of interesting stories. Persons fond of the marvelous will find in them an abundance of entertainment."

— *New York Sun*

"A marvelous book both in matter and manner of treatment. Some idea may be formed of the rarity and extent of its contents when the index alone comprises fifty pages, and we venture nothing in saying that such an index of subjects was never before compiled by any human being. . . . But the book is a curious one and will no doubt find its way into libraries because of the unique subject matter it contains. . . . will certainly prove attractive to all who are interested in the history, theology, and the mysteries of the ancient world."

— *Daily Graphic*

"The present work is the fruit of her remarkable course of education, and amply confirms her claims to the character of an adept in secret science, and even to the rank of a hierophant in the exposition of its mystic lore." — *New York Tribune*

"One who reads the book carefully through, ought to know everything of the marvelous and mystical, except perhaps, the passwords. *Isis* will supplement the *Anaclypsis*. Whoever loves to read Godfrey Higgins will be delighted with Mme Blavatsky. There is a great resemblance between their works. Both have tried hard to tell everything apocryphal and apocalyptic. It is easy to forecast the reception of this book. With its striking peculiarities, its audacity, its versatility, and the prodigious variety of subjects which it notices and handles, it is one of the remarkable productions of the century." — *New York Herald*

and a *living lie*, a habitual drunkard, an emissary of the Pope, paid to break down Spiritualism, and Satan incarnate. Every slander that can be thought of has been brought to bear upon my private and public life. The fact that *not a single one of these charges has ever been substantiated*; that from the first day of January to the last of December, year after year, I have lived surrounded by friends and foes like as in a glass-house — nothing could stop these wicked, venomous, and thoroughly unscrupulous tongues. It has been said at various times by my ever-active opponents that (1) *Isis Unveiled* was simply a rehash of Éliphas Lévi and a few old alchemists; (2) that it was written by me under the dictation of Evil Powers and the *departed spirits* of Jesuits (*sic*); and finally (3) that my two volumes had been compiled from MSS. (never before heard of) which Baron de Palm — he of the cremation and double-burial fame — had left behind him, and which I had found in his trunk! On the other hand, friends, as unwise as they were kind, spread abroad that which really was the truth, a little too enthusiastically, about the connexion of my Eastern Teacher and other Occultists with the work; and this was seized upon by the enemy and exaggerated out of all limits of truth. It was said that the whole of *Isis* had been dictated to me *from cover to cover* and *verbatim* by these invisible Adepts. And, as the imperfections of my work were only too glaring, the consequence of all this idle and malicious talk was, that my enemies and critics inferred — as well they might — that either these invisible inspirers had no existence, and were part of my 'fraud,' or that they lacked the cleverness of even an average good writer.

Now, no one has any right to hold me responsible for what any one may say, but only for that which I myself state orally, or in public print over my signature. And what I say and maintain is this: Save the direct quotations and the many afore-specified and mentioned misprints, errors and misquotations, and the general make-up of *Isis Unveiled*, for which I am in no way responsible, (a) every word of information found in this work or in my later writings, comes from the teachings of our Eastern Masters; and (b) that many a passage in these works has been written by me *under their dictation*. In saying this no *supernatural* claim is urged, for no *miracle* is performed by such a dictation. Any moderately intelligent person, convinced by this time of the many possibilities of hypnotism (now accepted by science and under full scientific investigation), and of the phenomena of *thought-transference*, will easily concede that if even a hypnotized subject, a mere irresponsible medium, *hears the unexpressed thought* of his hypnotizer, who can thus transfer his thought to him — *even to repeating the words read by the hypnotizer mentally from a book* — then my claim has nothing impossible in it. Space and distance do not exist for thought; and if two persons are in perfect mutual psychomagnetic *rapport*, and of these two, one is a great Adept in Occult Sciences, then thought-transference and dictation of whole pages become as easy and as comprehensible at the distance of ten thousand miles as the transference of two words across a room.

Hitherto, I have abstained — except on very rare occasions — from answering any criticism on my works, and have even left direct slanders and lies unrefuted, because in the case of *Isis* I found almost every kind of criticism justifiable, and in that of 'slanders and lies' my contempt for the slanderers was too great to permit me to notice them. Especially was it the case with regard to the libelous matter emanating from America. It has all come from one and the same source, well known to all Theosophists, a *person* most indefatigable in attacking me personally for the last twelve years, though I have never seen or met the creature. Neither do I intend to answer him now. But, as *Isis*

is now attacked for at least the tenth time, the day has come when my perplexed friends and that portion of the public which may be in sympathy with Theosophy, are entitled to the whole truth — *and nothing but the truth*. Not that I seek to excuse myself in anything even before them or to 'explain things.' It is nothing of the kind. What I am determined to do is to give *facts*, undeniable and not to be gainsaid, simply by stating the peculiar, well known to many but now almost forgotten, circumstances under which I wrote my first English work. I give them *seriatim*.

(1) When I came to America in 1873, I had not spoken English — which I had learned in my childhood colloquially — for over thirty years. I could understand when I read it, but could hardly speak the language.

(2) I had never been at any college, and what I knew I had taught myself; I have never pretended to any scholarship in the sense of modern research; I had then hardly read any scientific European works, knew little of Western philosophy and sciences. The little which I had studied and learned of these, disgusted me with its materialism, its limitations, narrow cut-and-dried spirit of dogmatism, and its air of superiority over the philosophies and sciences of antiquity.

(3) Until 1874 I had never written one word in English, nor had I published any work in any language. Therefore —

(4) I had not the least idea of literary rules. The art of writing books, of preparing them for print and publication, reading and correcting proofs, were so many close secrets to me.

(5) When I started to write that which developed later into *Isis Unveiled*, I had no more idea than the man in the moon what would come of it. I had no plan; did not know whether it would be an essay, a pamphlet, a book, or an article. I knew that *I had to write it*, that was all. I began the work some months before the formation of the Theosophical Society.

Thus, the conditions for becoming the author of an English theosophical and scientific work were hopeful, as everyone will see. Nevertheless, I had written enough to fill four such volumes as *Isis*, before I submitted my work to Colonel Olcott. Of course he said that everything save the pages dictated — had to be rewritten. Then we started on our literary labors and worked together every evening. Some pages, the English of which he had corrected, I copied: others which would yield to no mortal correction, he used to read aloud from my pages, Englishing them verbally as he went on, dictating to me from my almost undecipherable MSS. It is to him that I am indebted for the English in *Isis*. It is he again who suggested that the work should be divided into chapters, and the first volume devoted to SCIENCE and the second to THEOLOGY. To do this, the matter had to be re-shifted, and many of the chapters also; repetitions had to be erased, and the literary connexion of subjects attended to. When the work was ready, we submitted it to Professor Alexander Wilder, the well-known scholar and Platonist of New York, who after reading the matter, recommended it to Mr. Bouton for publication. Next to Colonel Olcott, it is Professor Wilder who did the most for me. It is he who made the excellent *Index*, who corrected the Greek, Latin, and Hebrew words, suggested quotations and wrote the greater part of the *Introduction* 'Before the Veil.' If this was not acknowledged in the work, the fault is not mine, but because it was Dr. Wilder's express wish that his name should not appear except in footnotes. I have never made a secret of it, and every one of my numerous acquaintances in New York knew it. When ready the work went to press.

From that moment the real difficulty began. I had no idea of correcting galley-proofs; Colonel Olcott had little leisure to do so; and the result was that I made a mess of it from the beginning. Before we were through with the first three chapters, there was a bill for six hundred dollars for corrections and alterations, and I had to give up the proof-reading. Pressed by the publisher, Colonel Olcott doing all that he possibly could do, but having no time except in the evenings, and Dr. Wilder far away at Jersey City, the result was that the proofs and pages of *Iris* passed through a number of willing but not very careful hands, and were finally left to the tender mercies of the publisher's proof-reader. Can one wonder after this if 'Vaivaswata' (Manu) became transformed in the published volumes into 'Viswamitra,' that thirty-six pages of the Index were irretrievably lost, and quotation-marks placed where none were needed (as in some of my own sentences!), and left out entirely in many a passage cited from various authors? If asked why these fatal mistakes have not been corrected in a subsequent edition, my answer is simple: the plates were stereotyped; and notwithstanding all my desire to do so, I could not put it into practice, as the plates were the property of the publisher; I had no money to pay for the expenses, and finally the firm was quite satisfied to let things be as they are, since, notwithstanding all its glaring defects, the work — which has now reached its seventh or eighth edition — is still in demand.

And now — and perhaps in consequence of all this — comes a new accusation: I am charged with *wholesale plagiarism* in the Introductory Chapter 'Before the Veil'!

Well, had I committed plagiarism, I should not find the slightest hesitation in admitting the 'borrowing.' But all 'parallel passages' to the contrary, as I have not done so, I do not see why I should confess it; even though 'thought transference' as the *Pall Mall Gazette* wittily calls it, is in fashion, and at a premium just now. Since the day when the American press raised a howl against Longfellow, who, borrowing from some (then) unknown German translation of the Finnish epic, the *Kalevala*, published it as his own superb poem, *Hiawatha*, and forgot to acknowledge the source of his inspiration, the Continental press has repeatedly brought out other like accusations. The present year is especially fruitful in such 'thought transferences.' Here we have the Lord Mayor of the City of London repeating word for word an old forgotten sermon by Mr. Spurgeon and swearing he had never read or heard of it. The Rev. Robert Bradlaugh writes a book, and forthwith the *Pall Mall Gazette* denounces it as a verbal copy from somebody else's work. Mr. Harry de Windt, the Oriental traveler, and a F. R. G. S. to boot, finds several pages, out of his just-published *A Ride to India across Persia and Belochistan* in the *London Academy*, paralleled with extracts from *The Country of Belochistan*, by A. W. Hughes, which are identical *verbatim et literatim*. Mrs. Parr denies in the *British Weekly* that her novel *Sally* was borrowed consciously or unconsciously from Miss Wilkins' *Sally*, and states that she had never read the said story, nor even heard the author's name, and so on. Finally, every one who has read *La Vie de Jésus*, by Renan, will find that he has plagiarized by *anticipation* some descriptive passages rendered in flowing verse in *The Light of the World*. Yet even Sir Edwin Arnold, whose versatile and recognised genius needs no borrowed imagery, has failed to thank the French Academician for his pictures of Mount Tabor and Galilee in prose, which he has so elegantly versified in his last poem. Indeed, at this stage of our civilization and *fin de siècle*, one should feel highly honored to be placed in such good and numerous company, even as a — plagiarist. But I cannot claim such a privilege and, simply for the reason already told that out of the

whole Introductory chapter 'Before the Veil,' I can claim as my own only certain passages in the Glossary appended to it — the Platonic portion of it, that which is now denounced as a "bare-faced plagiarism," having been written by Professor A. Wilder.

That gentleman is still living in or near New York, and can be asked whether my statement is true or not. He is too honorable, too great a scholar, to deny or fear anything. He insisted upon a kind of *Glossary*, explaining the Greek and Sanskrit names and words with which the work abounds, being appended to an Introduction, and furnished a few himself. I begged him to give me a short summary of the Platonic philosophers, which he kindly did. Thus from p. xi down to xxii the text is his, save a few intercalated passages which break the Platonic narrative, to show the identity of ideas in the Hindû Scriptures. Now who of those who know Dr. A. Wilder personally, or by name, who are aware of the great scholarship of that eminent Platonist, the editor of so many learned works,^{14c} would be insane enough to accuse him of 'plagiarizing' from any author's work! I give in the footnote the names of a few of the Platonic and other works he has edited. The charge would be simply preposterous!

The fact is that Dr. Wilder must have either forgotten to place quotes before and after the passages copied by him from various authors in his Summary; or else, owing to his very difficult handwriting, he has failed to mark them with sufficient clearness. It is impossible, after the lapse of almost fifteen years, to remember or verify the facts. To this day I had imagined that this disquisition on the Platonists was his, and never gave a further thought to it. But now enemies have ferreted out unquoted passages and proclaim louder than ever "the author of *Isis Unveiled*" to be a plagiarist and a fraud. Very likely more may be found, as that work is an inexhaustible mine of misquotations, errors, and blunders, to which it is impossible for me to plead 'guilty' in the ordinary sense. Let then the slanderers go on, only to find in another fifteen years as they have found in the preceding period, that whatever they do, *they cannot ruin Theosophy, nor hurt me*. I have no author's vanity; and years of unjust persecution and abuse have made me entirely callous to what the public may think of me — personally.

But in view of the facts as given above; and considering that —

(a) The language in *Isis* is not mine; but (with the exception of that portion of the work which, as I claim, was *dictated*) may be called only a sort of translation of my facts and ideas into English;

(b) It was not written for the public, — the latter having always been only a secondary consideration with me — but for the use of Theosophists and members of the Theosophical Society to which *Isis* is dedicated;

(c) Though I have since learned sufficient English to have been enabled to edit two magazines — *The Theosophist* and *Lucifer* — yet, to the present hour I never write an

14c. A. Wilder, M. D., the editor of *Serpent and Siva Worship*, by Hyde Clarke and C. Staniland Wake; of *Ancient Art and Mythology*, by Richard Payne Knight, to which the editor has appended an Introduction, Notes translated into English, and a new and complete Index; of *Ancient Symbol Worship*, by Hodder M. Westropp and C. Staniland Wake, with an Introduction, additional Notes and Appendix by the editor; and finally, of *The Eleusinian and Bacchic Mysteries: A Dissertation* by Thomas Taylor, translator of 'Plato,' 'Plotinus,' 'Porphyry,' 'Iamblichus,' 'Proclus,' 'Aristotle,' etc., etc., etc., edited with Introduction, Notes, Emendations, and Glossary, by Alexander Wilder, M. D.; and the author of various learned works, pamphlets, and articles for which we have no space here. Also the editor of the *Older Academy*, a quarterly journal of New York, and the translator of *The Mysteries*, by Iamblichus.

article, an editorial or even a simple paragraph, without submitting its English to close scrutiny and correction.

Considering all this and much more, I ask now every impartial and honest man and woman whether it is just or even fair to criticize my works — *Isis*, above all others — as one would the writings of a born American or English author! What I claim in them as my own is only the fruit of my learning and studies in a department hitherto left uninvestigated by Science, and almost unknown to the European world. I am perfectly willing to leave the honor of the English grammar in them, the glory of the quotations from scientific works brought occasionally to me to be used as passages for comparison with, or refutation by, the old Science, and finally the general make-up of the volumes, to every one of those who have helped me. Even for *The Secret Doctrine* there are about half a dozen Theosophists who have been busy in editing it, who have helped me to arrange the matter, correct the imperfect English, and prepare it for print. But that which none of them will ever claim from first to last, is the fundamental doctrine, the philosophical conclusions and teachings. Nothing of that have I invented, but have simply given it out as I have been taught; or as quoted by me in *The Secret Doctrine* (Vol. I, p. xlvi) from Montaigne: "I have here made only a nosegay of culled [Eastern] flowers, and have brought nothing of my own but the string that ties them."

Is any one of my helpers prepared to say that I have not paid the full price for the string?

April 27, 1891

H. P. BLAVATSKY

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AUTHOR'S PREFACE

THE work now submitted to public judgment is the fruit of a somewhat intimate acquaintance with Eastern adepts and study of their science. It is offered to such as are willing to accept truth wherever it may be found, and to defend it, even looking popular prejudice straight in the face. It is an attempt to aid the student to detect the vital principles which underlie the philosophical systems of old.

The book is written in all sincerity. It is meant to do even justice, and to speak the truth alike without malice or prejudice. But it shows neither mercy for enthroned error, nor reverence for usurped authority. It demands for a spoliated past, that credit for its achievements which has been too long withheld. It calls for a restitution of borrowed robes, and the vindication of calumniated but glorious reputations. Toward no form of worship, no religious faith, no scientific hypothesis has its criticism been directed in any other spirit. Men and parties, sects and schools, are but the mere ephemera of the world's day. TRUTH, high-seated upon its rock of adamant, is alone eternal and supreme.

We believe in no Magic which transcends the scope and capacity of the human mind, nor in 'miracle,' whether divine or diabolical, if such imply a transgression of the laws of nature instituted from all eternity. Nevertheless, we accept the saying of the gifted author of *Festus*, that the human heart has not yet fully uttered itself, and that we have never attained or even understood the extent of its powers. Is it too much to believe that man should be developing new sensibilities and a closer relation with nature? The logic of evolution must teach as much, if carried to its legitimate conclusions. If, somewhere, in the line of ascent from vegetable or ascidian to the noblest man a soul was evolved, gifted with intellectual qualities, it cannot be unreasonable to infer and believe that a faculty of perception is also growing in man, enabling him to descry facts and truths even beyond our ordinary ken. Yet we do not hesitate to accept the assertion of Biffé, that "the essential is forever the same. Whether we cut away the marble inward that hides the statue in the

block, or pile stone upon stone outward till the temple is completed, our NEW result is only an *old idea*. The latest of all the eternities will find its destined other half-soul in the earliest."

When, years ago, we first traveled over the East, exploring the penetralia of its deserted sanctuaries, two saddening and ever-recurring questions oppressed our thoughts: *Where, WHO, WHAT is GOD? Who ever saw the IMMORTAL SPIRIT of man, so as to be able to assure himself of man's immortality?*

It was while most anxious to solve these perplexing problems that we came into contact with certain men, endowed with such mysterious powers and such profound knowledge that we may truly designate them as the sages of the Orient. To their instructions we lent a ready ear. They showed us that by combining science with religion, the existence of God and immortality of man's spirit may be demonstrated like a problem of Euclid. For the first time we received the assurance that the Oriental philosophy has room for no other faith than an absolute and immovable faith in the omnipotence of man's own immortal self. We were taught that this omnipotence comes from the kinship of man's spirit with the Universal Soul — God! The latter, they said, can never be demonstrated but by the former. Man-spirit proves God-spirit, as the one drop of water proves a source from which it must have come. Tell one who had never seen water, that there is an ocean of water, and he must accept it on faith or reject it altogether. But let one drop fall upon his hand, and he then has the fact from which all the rest may be inferred. After that he could by degrees understand that a boundless and fathomless ocean of water existed. Blind faith would no longer be necessary; he would have supplanted it with KNOWLEDGE. When one sees mortal man displaying tremendous capabilities, controlling the forces of nature and opening up to view the world of spirit, the reflective mind is overwhelmed with the conviction that if one man's spiritual *Ego* can do this much, the capabilities of the FATHER SPIRIT must be relatively as much vaster as the whole ocean surpasses the single drop in volume and potency. *Ex nihilo nihil fit*; prove the soul of man by its wondrous powers — you have proved God!

In our studies, mysteries were shown to be no mysteries. Names and places that to the Western mind have only a significance derived from Eastern fable, were shown to be realities. Reverently we stepped in spirit within the temple of Isis; to lift aside the veil of "the one that is and was and shall be" at Sais; to look through the rent curtain of the Sanctum Sanctorum at Jerusalem; and even to interrogate within the crypts which once existed beneath the sacred edifice, the mysterious Bath-Kol. The *Filia Vocis* — the daughter of the divine voice —

responded from the mercy-seat within the veil,¹⁵ and science, theology, every human hypothesis and conception born of imperfect knowledge, lost forever their authoritative character in our sight. The one-living God had spoken through his oracle — man, and we were satisfied. Such knowledge is priceless; and it has been hidden only from those who overlooked it, derided it, or denied its existence.

From such as these we apprehend criticism, censure, and perhaps hostility, although the obstacles in our way neither spring from the validity of proof, the authenticated facts of history, nor the lack of common sense among the public whom we address. The drift of modern thought is palpably in the direction of liberalism in religion as well as science. Each day brings the reactionists nearer to the point where they must surrender the despotic authority over the public conscience, which they have so long enjoyed and exercised. When the Pope can go to the extreme of fulminating anathemas against all who maintain the liberty of the Press and of speech, or who insist that in the conflict of laws, civil and ecclesiastical, the civil law should prevail, or that any method of instruction, solely secular, may be approved;¹⁶ and Mr. Tyndall, as, the mouth-piece of nineteenth century science, says, “. . . the impregnable position of science may be stated in a few words: we claim, and we shall wrest from theology, the entire domain of cosmological theory”¹⁷ — the end is not difficult to foresee.

Centuries of subjection have not quite congealed the life-blood of men into crystals around the nucleus of blind faith; and the nineteenth is witnessing the struggles of the giant as he shakes off the Liliputian cordage and rises to his feet. Even the Protestant communion of England and America, now engaged in the revision of the text of its *Oracles*, will be compelled to show the origin and merits of the text itself. The day of domineering over men with dogmas has reached its gloaming.

Our work, then, is a plea for the recognition of the Hermetic philosophy, the anciently universal Wisdom-Religion, as the only possible key to the Absolute in science and theology. To show that we do not at all conceal from ourselves the gravity of our undertaking, we may say in advance that it would not be strange if the following classes should array themselves against us:

15. John Lightfoot assures us that this voice, which had been used in times past for a testimony from heaven, “was indeed performed by magic art” (*Horae Hebraicae et Talmudicae*, II, p. 128: Oxford, 1859). This latter term is used as a supercilious expression, just because it was and is still misunderstood. It is the object of this work to correct the erroneous opinions concerning ‘magic art.’

16. Encyclical of 1864.

17. An address in Belfast, 1874.

The Christians, who will see that we question the evidences of the genuineness of their faith.

The Scientists, who will find their pretensions placed in the same bundle with those of the Roman Catholic Church for infallibility, and, in certain particulars, the sages and philosophers of the ancient world classed higher than they.

Pseudo-Scientists will, of course, denounce us furiously.

Broad Churchmen and Freethinkers will find that we do not accept what they do, but demand the recognition of the whole truth.

Men of letters and various *authorities*, who hide their real belief in deference to popular prejudices.

The mercenaries and parasites of the Press, who prostitute its more than royal power, and dishonor a noble profession, will find it easy to mock at things too wonderful for them to understand; for to them the price of a paragraph is more than the value of sincerity. From many will come honest criticism; from many — cant. But we look to the future.

The contest now going on between the party of public conscience and the party of reaction, has already developed a healthier tone of thought. It will hardly fail to result ultimately in the overthrow of error and the triumph of Truth. We repeat again — we are laboring for the brighter morrow.

And yet, when we consider the bitter opposition that we are called upon to face, who is better entitled than we upon entering the arena to write upon our shield the hail of the Roman gladiator to Caesar: MORITURUS TE SALUTAT!

New York, September, 1877

BEFORE THE VEIL

"Joan.—Advance our waving colors on the walls!"

— *King Henry VI.* Part I, Act I.

"My life has been devoted to the study of man, his destiny and his happiness."

— J. R. BUCHANAN, M. D., *Outlines of Lectures on Anthropology*

IT is nineteen centuries since, as we are told, the night of Heathenism and Paganism was first dispelled by the divine light of Christianity; and two and a half centuries since the bright lamp of Modern Science began to shine on the darkness of the ignorance of the ages. Within these respective epochs, we are required to believe, the true moral and intellectual progress of the race has occurred. The ancient philosophers were well enough for their respective generations, but they were illiterate as compared with modern men of science. The ethics of Paganism perhaps met the wants of the uncultivated people of antiquity, but not until the advent of the luminous 'Star of Bethlehem' was the true road to moral perfection and the way to salvation made plain. Of old, brutishness was the rule, virtue and spirituality the exception. Now, the dullest may read the will of God in His revealed word; men have every incentive to be good, and are constantly becoming better.

This is the assumption; what are the facts? On the one hand an unspiritual, dogmatic, too often debauched clergy; a host of sects, and three warring great religions; discord instead of union, dogmas without proofs, sensation-loving preachers, and wealth and pleasure-seeking parishioners' hypocrisy and bigotry, begotten by the tyrannical exigencies of respectability, the rule of the day, sincerity and real piety exceptional. On the other hand, scientific hypotheses built on sand; no accord upon a single question; rancorous quarrels and jealousy; a general drift into materialism. A death-grapple of Science with Theology for infallibility — 'a conflict of ages.'

At Rome, the self-styled seat of Christianity, the putative successor to the chair of Peter is undermining social order with his invisible but omnipresent net-work of bigoted agents, and incites them to revolutionize Europe for his temporal as well as spiritual supremacy. We see him who calls himself the 'Vicar of Christ,' fraternizing with the anti-Christian Moslem against another Christian nation, publicly invoking the blessing of God upon the arms of those who have for centuries with-

stood, with fire and sword, the pretensions of his Christ to Godhood! At Berlin — one of the great seats of learning — professors of modern *exact sciences*, turning their backs on the boasted results of enlightenment of the post-Galileonian period, are quietly snuffing out the candle of the great Florentine; seeking, in short, to prove the heliocentric system, and even the earth's rotation, but the dreams of deluded scientists, Newton a visionary, and all past and present astronomers but clever calculators of unverifiable problems.¹⁸

Between these two conflicting Titans — Science and Theology — is a bewildered public, fast losing all belief in man's personal immortality, in a deity of any kind, and rapidly descending to the level of a mere animal existence. Such is the picture of the hour, illumined by the bright noon-day sun of this Christian and scientific era!

Would it be strict justice to condemn to critical lapidation the most humble and modest of authors for *entirely rejecting the authority of both these combatants*? Are we not bound rather to take as the true aphorism of this century, the declaration of Horace Greeley: "I accept *unreservedly* the views of no man, living or dead"?¹⁹ Such, at all events, will be our motto, and we mean that principle to be our constant guide throughout this work.

Among the many phenomenal outgrowths of our century, the strange creed of the so-called Spiritualists has arisen amid the tottering ruins of self-styled revealed religions and materialistic philosophies; and yet it alone offers a possible last refuge of compromise between the two. That this unexpected ghost of pre-Christian days finds poor welcome from our sober and positive century, is not surprising. Times have strangely changed; and it is but recently that a well-known Brooklyn preacher pointedly remarked in a sermon, that could Jesus come back and behave in the streets of New York as he did in those of Jerusalem, he would find himself confined in the prison of the Tombs.²⁰ What sort of welcome, then, could Spiritualism ever expect? True enough, the weird stranger seems neither attractive nor promising at first sight. Shapeless and uncouth, like an infant attended by seven nurses, it is coming out of its teens lame and mutilated. The name of its enemies is legion; its friends and protectors are a handful. But what of that? When was ever truth accepted *a priori*? Because the champions of Spiritualism have in their fanaticism magnified its qualities, and remained blind to its imperfections, that gives no excuse to doubt its reality. A forgery is impossible when we have no model to forge after. The fanaticism of Spiritualists is

18. See the last chapter of this volume, p. 622.

19. *Recollections of a Busy Life*, p. 147.

20. Henry Ward Beecher.

itself a proof of the genuineness and possibility of their phenomena. They give us facts that we may investigate, not assertions that we must believe without proof. Millions of reasonable men and women do not so easily succumb to collective hallucination. And so, while the clergy, following their own interpretations of the *Bible*, and science its self-made *Codex* of possibilities in nature, refuse it a fair hearing, *real* science and *true* religion are silent, and gravely wait further developments.

The whole question of phenomena rests on the correct comprehension of old philosophies. Whither, then, should we turn, in our perplexity, but to the ancient sages, since, on the pretext of superstition, we are refused an explanation by the modern? Let us ask them what they know of genuine science and religion; not in the matter of mere details, but in all the broad conception of these twin truths — so strong in their unity, so weak when divided. Besides, we may find our profit in comparing this boasted modern science with ancient ignorance; this improved modern theology with the 'Secret doctrines' of the ancient universal religion. Perhaps we may thus discover a neutral ground whence we can reach and profit by both.

It is the Platonic philosophy, the most elaborate compend of the abstruse systems of old India, that can alone afford us this middle ground. Although twenty-two and a quarter centuries have elapsed since the death of Plato, the great minds of the world are still occupied with his writings. He was, in the fullest sense of the word, the world's interpreter. And the greatest philosopher of the pre-Christian era mirrored faithfully in his works the spiritualism of the Vedic philosophers who lived thousands of years before himself, and its metaphysical expression. *Vyāsa*, *Jaimini*, *Kapila*, *Vrihaspati*, *Sumati*, and so many others, will be found to have transmitted their indelible imprint through the intervening centuries upon Plato and his school. Thus is warranted the inference that to Plato and the ancient Hindū sages was alike revealed the same wisdom. So surviving the shock of time, what can this wisdom be but divine and eternal?

Plato taught justice as subsisting in the soul of its possessor, and his greatest good. "Men, in proportion to their intellect, have admitted his transcendent claims." Yet his commentators, almost with one consent, shrink from every passage which implies that his metaphysics are based on a solid foundation, and not on ideal conceptions.

But Plato could not accept a philosophy destitute of spiritual aspirations; the two were at one with him. For the old Grecian sage there was a single object of attainment: REAL KNOWLEDGE. He considered those only to be genuine philosophers, or students of truth, who possess the knowledge of the really-existing, in opposition to the mere seeming;

of the *always-existing*, in opposition to the transitory; and of that which exists *permanently*, in opposition to that which waxes, wanes, and is developed and destroyed alternately. "Beyond all finite existences and secondary causes, all laws, ideas, and principles, there is an INTELLIGENCE or MIND [*νοῦς, nous*, the spirit], the first principle of all principles, the Supreme Idea on which all other ideas are grounded; the Monarch and Lawgiver of the universe; the ultimate substance from which all things derive their being and essence, the first and efficient Cause of all the order, and harmony, and beauty, and excellency, and goodness, which pervades the universe — who is called, by way of pre-eminence and excellence, the Supreme Good, the God (*ὁ θεός*) 'the God over all' (*ὁ ἐπὶ πάντι θεός*)." ²¹ He is not the truth nor the intelligence, but "the father of it." Though this eternal essence of things may not be perceptible by our physical senses, it may be apprehended by the mind of those who are not wilfully obtuse. "Unto you," said Jesus to his elect disciples, "it is given to know the mysteries of the kingdom of heaven, but to them [the πολλοί] it is not given. . . . Therefore speak I to them in parables [or allegories]; because seeing they see not, and hearing they hear not, neither do they understand." ²²

The philosophy of Plato, we are assured by Porphyry of the Neo-Platonic School, was taught and illustrated in the MYSTERIES. Many have questioned and even denied this; and Lobeck, in his *Aglaophamus*, has gone to the extreme of representing the sacred orgies as little more than an empty show to captivate the imagination. As though Athens and Greece would for twenty centuries and more have repaired every fifth year to Eleusis to witness a solemn religious farce! Augustine, the papa-bishop of Hippo, has resolved such assertions. He declares that the doctrines of the Alexandrian Platonists were the original esoteric doctrines of the first followers of Plato, and describes Plotinus as a Plato resuscitated. He also explains the motives of the great philosopher for veiling the interior sense of what he taught. ²³

21. Cocker: *Christianity and Greek Philosophy*, xi, p. 377.

22. *Matthew*, xiii, 11, 13.

23. The accusations of atheism, the introducing of foreign deities, and corrupting of the Athenian youth, which were made against Socrates, afforded ample justification for Plato to conceal the arcane preaching of his doctrines. Doubtless the peculiar diction or 'jargon' of the alchemists was employed for a like purpose. The dungeon, the rack, and the fagot were employed without scruple by Christians of every shade, the Roman Catholics especially, against all who taught even natural science contrary to the theories entertained by the Church. Pope Gregory the Great even inhibited the grammatical use of Latin as heathenish. The offense of Socrates consisted in unfolding to his disciples the arcane doctrine concerning the gods, as taught in the Mysteries. This was a capital crime. He also was charged by Aristophanes with introducing the new god

As to the *myths*, Plato declares in the *Gorgias* and the *Phaedo* that they were the vehicles of great truths well worth the seeking. But commentators are so little *en rapport* with the great philosopher as to be compelled to acknowledge that they are ignorant where "the doctrinal ends, and the mythical begins." Plato put to flight the popular superstition concerning magic and daemons, and developed the exaggerated notions of the time into rational theories and metaphysical conceptions. Perhaps these would not quite stand the inductive method of reasoning established by Aristotle; nevertheless they are satisfactory in the highest degree to those who apprehend the existence of that higher faculty of insight or intuition, as affording a criterion for ascertaining truth.

Basing all his doctrines upon the presence of the Supreme Mind, Plato taught that the *nous*, spirit, or rational soul of man, being "generated by the Divine Father," possessed a nature kindred, or even homogeneous, with the Divinity, and was capable of beholding the eternal realities. This faculty of contemplating reality in a direct and immediate manner belongs to God alone; the aspiration for this knowledge constitutes what is really meant by *philosophy* — the love of wisdom. The love of truth is inherently the love of good; and so predominating over every desire of the soul, purifying it and assimilating it to the divine, thus governing every act of the individual, it raises man to a participation and communion with Divinity, and restores him to the likeness of God. "This flight," says Plato in the *Theaetetus*,²⁴ "consists in becoming like God, and this assimilation is the becoming just and holy with wisdom."

The basis of this assimilation is always asserted to be the pre-existence of the spirit or *nous*. In the allegory of the chariot and winged steeds, given in the *Phaedrus*,²⁵ he represents the psychical nature as composite and two-fold; the *thumos*, or *epithumetic* part, formed from the substances of the world of phenomena; and the *θυμοειδής*, *thumoeides*, the essence of which is linked to the eternal world. The present earth-life is a fall and punishment. The soul dwells in "the grave which we call *the body*," and in its incorporate state, and previous to the discipline of education, the noëtic or spiritual element is 'asleep.' Life is thus a dream, rather than a reality. Like the captives in the subterranean cave, described in *The Republic*,²⁶ the back is turned to the light; we perceive only the shadows of objects, and think them the actual realities. Is not this

Dinos into the republic as the demiurge or artificer, and the lord of the solar universe. The Heliocentric system was also a doctrine of the Mysteries; and hence, when Aristarchus the Pythagorean taught it openly, Cleanthes declared that the Greeks ought to have called him to account and condemned him for blasphemy against the gods. But Socrates had never been initiated, and hence divulged nothing which had ever been imparted to him.

24. § 84.

25. § 40, *sq.*

26. VII, i.

the idea of *Mâyâ*, or the illusion of the senses in physical life, which is so marked a feature in Buddhistical philosophy? But these shadows, if we have not given ourselves up absolutely to the sensuous nature, arouse in us the reminiscence of that higher world that we once inhabited. "The interior spirit has some dim and shadowy recollection of its antenatal state of bliss, and some instinctive and proleptic yearnings for its return." It is the province of the discipline of philosophy to disenthral it from the bondage of sense, and raise it into the empyrean of pure thought, to the vision of eternal truth, goodness, and beauty. "The soul," says Plato, in the *Phaedrus*, "cannot come into the form of a man if it has never seen the truth. This is a recollection of those things which our soul formerly saw when journeying with Deity, despising the things which we now say *are*, and looking up to that which REALLY IS. Wherefore the *nous*, or spirit, of the philosopher (or student of the higher truth) alone is furnished with wings; because he, to the best of his ability, keeps these things in mind, of which the contemplation renders even Deity itself divine. By making the right use of these things remembered from the former life, by constantly perfecting himself in the perfect mysteries, a man becomes truly perfect" — an initiate into the diviner wisdom.²⁷

Hence we may understand why the sublimer scenes in the Mysteries were always in the night. The life of the interior spirit is the death of the external nature; and the night of the physical world denotes the day of the spiritual. Dionysus, the night-sun, is, therefore, worshiped rather than Helios, orb of day. In the Mysteries were symbolized the pre-existent condition of the spirit and soul, and the lapse of the latter into earth-life and Hades, the miseries of that life, the purification of the soul, and its restoration to divine bliss, or reunion with spirit. Theon, of Smyrna, aptly compares the philosophical discipline to the mystic rites: "Philosophy," says he, "may be called the initiation into the true arcana, and the instruction in the genuine Mysteries. There are five parts of this initiation: I, the previous purification; II, the admission to participation in the arcane rites; III, the epoptic revelation; IV, the investiture or enthroning; V — the fifth, which is produced from all these, is friendship and interior communion with God, and the enjoyment of that felicity which arises from intimate converse with divine beings. . . . Plato denominates the *epopteia*, or personal view, the perfect contemplation of things which are apprehended intuitively, absolute truths and ideas. He also considers the binding of the head and crowning as analogous to the authority which any one receives from his instructors, of leading others into the same contemplation. The fifth gradation is the most perfect

felicity arising from hence, and, according to Plato, an assimilation to divinity as far as is possible to human beings."²⁸

Such is Platonism. "Out of Plato," says Ralph Waldo Emerson, "come all things that are still written and debated among men of thought." He absorbed the learning of his times — of Greece from Philolaus to Socrates; then of Pythagoras in Italy; then what he could procure from Egypt and the East. He was so broad that all philosophy, European and Asiatic, was in his doctrines; and to culture and contemplation he added the nature and qualities of the poet.

The followers of Plato generally adhered strictly to his psychological theories. Several, however, like Xenocrates, ventured into bolder speculations. Speusippus, the nephew and successor of the great philosopher, was the author of the *Numerical Analysis*, a treatise on the Pythagorean numbers. Some of his speculations are not found in the written *Dialogs*; but as he was a listener to the unwritten lectures of Plato, the judgment of Enfield is doubtless correct, that he did not differ from his master. He was evidently, though not named, the antagonist whom Aristotle criticized, when professing to cite the argument of Plato against the doctrine of Pythagoras, that all things were in themselves numbers, or rather, inseparable from the idea of numbers. He especially endeavored to show that the Platonic doctrine of ideas differed essentially from the Pythagorean, in that it presupposed numbers and magnitudes to exist apart from things. He also asserted that Plato taught that there could be no *real* knowledge, if the object of that knowledge was not carried beyond or above the sensible.

But Aristotle was no trustworthy witness. He misrepresented Plato, and he almost caricatured the doctrines of Pythagoras. There is a canon of interpretation, which should guide us in our examinations of every philosophical opinion: "The human mind has, under the necessary operation of its own laws, been compelled to entertain the same fundamental ideas, and the human heart to cherish the same feelings in all ages." It is certain that Pythagoras awakened the deepest intellectual sympathy of his age, and that his doctrines exerted a powerful influence upon the mind of Plato. His cardinal idea was that there existed a permanent principle of unity beneath the forms, changes, and other phenomena of the universe. Aristotle asserted that he taught that "numbers are the first principles of all entities." Ritter has expressed the opinion that the formula of Pythagoras should be taken symbolically, which is doubtless correct. Aristotle goes on to associate these *numbers* with the 'forms' and 'ideas' of Plato. He even declares that Plato said:

28. See Thomas Taylor: *Eleusinian and Bacchic Mysteries*, p. 47: New York, J. W. Bouton, 1875.

"forms are numbers," and that "ideas are substantial existences — real beings." ²⁹ Yet Plato did not so teach. He declared that the final cause was the Supreme Goodness — τὸ ἀγαθόν. "Ideas are objects of pure conception for the human reason, and they are attributes of the Divine Reason." ³⁰ Nor did he ever say that "forms are numbers." What he did say may be found in the *Timaeus*: God formed things as they first arose according to forms and numbers. ³¹

It is recognised by modern science that all the higher laws of nature assume the form of quantitative statement. This is perhaps a fuller elaboration or more explicit affirmation of the Pythagorean doctrine. Numbers were regarded as the best representations of the laws of harmony which pervade the cosmos. We know too that in chemistry the doctrine of atoms and the laws of combination are actually and, as it were, arbitrarily defined by numbers. As Mr. W. Archer Butler has expressed it: "The world is, then, through all its departments, a living arithmetic in its development, a realized geometry in its repose."

The key to the Pythagorean dogmas is the general formula of unity in multiplicity, the one evolving the many and pervading the many. This is the ancient doctrine of emanation in few words. Even the apostle Paul accepted it as true. "Ἐξ αὐτοῦ, καὶ δι' αὐτοῦ, καὶ εἰς αὐτὸν τὰ πάντα" — For of him and through him and unto him are all things. ³² This, as we can see by the following quotation, is purely Hindû and Brâhmanical:

"When the dissolution (*Pralaya*) had arrived at its term, the great Being (*Paramâtman* or *Para-Purusha*) the Lord existing through himself, out of whom and through whom all things were, and are and will be . . . resolved to emanate from his own substance the various creatures" (*Mânava-Dharma-Śâstra*, book 1, *śloka*s 6 to 8).

The mystic Dekad $1+2+3+4=10$ is a way of expressing this idea. The One is God, the Two, matter; the Three, combining Monad and Duad, and partaking of the nature of both, is the phenomenal world; the Tetrad, or form of perfection, expresses the emptiness of all; and the Dekad, or sum of all, involves the entire cosmos. The universe is the combination of a thousand elements, and yet the expression of a single spirit — a chaos to the sense, a cosmos to the reason.

The whole of this combination of the progression of numbers in the idea of creation is Hindû. The Being existing through himself, *Svayambhû* or *Svayambhuva*, as he is called by some, is one. He emanates from himself the *creative faculty*, *Brahmâ* or *Purusha* (the divine male), and the one becomes *Two*; out of this Duad, union of the purely intel-

29. Aristot.: *Metaph.*, I, vi.

31. § xxvii.

30. Cousin: *History of Philosophy*, I, xi.

32. *Rom.*, xi, 36.

lectual principle with the principle of matter, evolves a third, which is *Virāj*, the phenomenal world. It is out of this invisible and incomprehensible trinity, the Brāhmanical *Trimūrti*, that evolves the second Triad which represents the three faculties—the creative, the conservative, and the transforming. These are typified by *Brahmā*, *Vishnu*, and *Śiva*, but are again and ever blended into one. *Unity*, *Brahmā*, or as the *Vedas* called him, *Tridandin*, is the god triply manifested, which gave rise to the symbolical *Aum*, or the abbreviated *Trimūrti*. It is but under this trinity, ever active and tangible to all our senses, that the invisible and unknown Monas can manifest itself to the world of mortals. When he becomes *Śarīra*, or he who puts on a visible form, he typifies all the principles of matter, all the germs of life; he is *Purusha*, the god of the three visages, or triple power, the essence of the Vedic triad. “Let the Brāhmins know the pure essence of the three *Vedas*, namely, the sacred Syllable (*Aum*), the *Vyāhritis*, and the *gāyatrī*; and read the *Vedas* daily” (*Manu*, book iv, *śloka* 125).

“After having produced the universe, He whose power is incomprehensible vanished again, absorbed in the Supreme Soul. . . . Having retired into the primitive darkness, the great Soul remains within the unknown, and is void of all form. . . .”

“When having again reunited the subtle elementary principles, it introduces itself into either a vegetable or animal seed, it assumes at each a new form.

“It is thus that, by an alternative waking and rest, the Immutable Being causes to revive and die eternally all the existing creatures, active and inert” (*Manu*, book i, *śloka*s 51-57).

He who has studied Pythagoras and his speculations on the Monad, which, after having emanated the Duad retires into silence and darkness, and thus creates the Triad, can realize whence came the philosophy of the great Samian Sage, and after him that of Socrates and Plato.

Speusippus seems to have taught that the psychical or thumetic soul was immortal as well as the spirit or rational soul, and further on we will show his reasons. He also — like Philolaus and Aristotle, in his disquisitions upon the soul — makes of aether an element; so that there were five principal elements to correspond with the five regular figures in Geometry. This became also a doctrine of the Alexandrian school.³³ Indeed, there was much in the doctrines of the *Philaletheans* which did not appear in the works of the older Platonists, but was doubtless taught in substance by the philosopher himself, though with his usual reticence not committed to writing as being too arcane for promiscuous publication. Speusippus and Xenocrates after him, held, like their great master, that

33. Thos. Taylor: *Theoretic Arithm.*, ‘On Pythag. Numbers,’ p. 62: London, 1816.

the *anima mundi*, or world-soul, was not the Deity, but a manifestation. Those philosophers never conceived of the One as an *animate nature*. The original One did not *exist*, as we understand the term.³⁴ Not till he had united with the many — emanated existence (the monad and duad) was a being produced. The *τίμιον*, honored — the something manifested, dwells in the center as in the circumference, but it is only the reflexion of the Deity — the World-Soul.³⁵ In this doctrine we find the spirit of esoteric *Buddhism*.

A man's idea of God, is that image of blinding light that he sees reflected in the concave mirror of his own soul, and yet this is not, in very truth, God, but only His reflexion. His glory is there, but, it is the light of his own Spirit that the man sees, and it is all he can bear to look upon. *The clearer the mirror, the brighter will be the divine image.* But the external world cannot be witnessed in it at the same moment. In the ecstatic *Yogin*, in the illuminated Seer, the spirit will shine like the noon-day sun; in the debased victim of earthly attraction, the radiance has disappeared, for the mirror is obscured with the stains of matter. Such men deny their God, and would willingly deprive humanity of soul at one blow.

No God, No SOUL? Dreadful, annihilating thought! The maddening nightmare of a lunatic — Atheist; presenting before his fevered vision a hideous, ceaseless procession of sparks of cosmic matter created by *no one*; self-appearing, self-existent, and self-developing; this Self no Self, for it is *nothing* and *nobody*; floating onward from *nowhence*, it is propelled by no Cause, for there is none, and it rushes *nowhither*. And this in a circle of Eternity blind, inert, and — CAUSELESS. What is even the erroneous conception of the Buddhistic Nirvāna in comparison! The Nirvāna is preceded by numberless spiritual transformations and metempsychoses, during which the entity loses not for a second the sense of its own individuality, and which may last for millions of ages before the Final No-Thing is reached.

Though some have considered Speusippus as inferior to Aristotle, the world is nevertheless indebted to him for defining and expounding many things that Plato had left obscure in his doctrine of the Sensible and Ideal. His maxim was, "The Immaterial is known by means of scientific thought, the Material by scientific perception."³⁶

Xenocrates expounded many of the unwritten theories and teachings of his master. He too held the doctrine of Pythagoras and his system of numerals and mathematics in the highest estimation. Recognising but three degrees of knowledge — *Thought*, *Perception*, and *Envisagement* (or knowledge by *Intuition*), he made the former busy itself with all that

34. Plato: *Parmen.*, § 141 (Jowett); § 31 (Burges). 35. Cf. Stob.: *Ecl.*, I, 862.

36. Sextus: *Adv. Math.*, VII, 145.

which is *beyond* the heavens; Perception with things in the heavens; Intuition with the heavens themselves.

We find again these theories, and nearly in the same language in the *Mánava-Dharma-Śāstra*, when speaking of the creation of man: "He (the Supreme) drew from his own essence the immortal breath which *perisheth not in the being*, and to this soul of the being he gave the *Aham-kāra* (conscience of the *ego*) sovereign guide." Then he gave to that soul of the being (man) the intellect formed of *the three qualities*, and the five organs of the outward perception.

These three qualities are Intelligence, Conscience, and Will; answering to the Thought, Perception, and Envisagement of Xenocrates. The relation of numbers to Ideas was developed by him further than by Speusippus, and he surpassed Plato in his definition of the doctrine of Invisible Magnitudes. Reducing them to their ideal primary elements, he demonstrated that every figure and form originated out of the smallest indivisible line. That Xenocrates held the same theories as Plato in relation to the human soul (supposed to be a number) is evident, though Aristotle contradicts this, like every other teaching of this philosopher.³⁷ This is conclusive evidence that many of Plato's doctrines were delivered orally, even were it shown that Xenocrates and not Plato was the first to originate the theory of indivisible magnitudes. He derives the Soul from the first Duad, and calls it a self-moved number.³⁸ Theophrastus remarks that he extended and elucidated this Soul-theory more than any other Platonist. He built upon it the cosmological doctrine, and proved the necessary existence in every part of the universal space of a successive and progressive series of animated and thinking though spiritual beings.³⁹ The Human Soul with him is a compound of the most spiritual properties of the Monad and the Duad, possessing the highest principles of both. If, like Plato and Proclus, he refers to the Elements as to Divine Powers, and calls them gods, neither himself nor others connected any anthropomorphic idea with the appellation. Krische remarks that he called them gods only that these elementary powers should not be confounded with the daemons of the nether world⁴⁰ (the Elementary Spirits). As the Soul of the World permeates the whole Cosmos, even beasts must have in them something divine.⁴¹ This, also, is the doctrine of Buddhists and the Hermetists, and *Manu* endows with a living soul even the plants and the tiniest blade of grass.⁴²

The daemons, according to this theory, are intermediate beings be-

37. *Metaph.*, XIII.

39. *Stob.: Ec.*, I, 62.

41. *Clem. Alex.: Strom.*, V, xiii.

38. Thos. Taylor's Appendix to *Timæus*.

40. Krische: *Forschungen*, p. 322, etc.

42. *Ord. of Manu*, I, 14, 15, 56.

tween the divine perfection and human sinfulness,⁴³ and he divides them into classes, each subdivided in many others. But he states expressly that the individual or personal soul is the leading guardian daemon of every man, and that no daemon has more power over us than our own. Thus the *Daimonion* of Socrates is the god or Divine Entity which inspired him all his life. It depends on man either to open or close his perceptions to the Divine voice. Like Speusippus he ascribed immortality to the *ψυχή*, psychical body, or irrational soul. But some Hermetic philosophers have taught that the soul has a separate continued existence only so long as in its passage through the spheres any material or earthly particles remain incorporated in it; and that when absolutely purified, the latter are *annihilated*, and the quintessence of the soul alone becomes blended with its *divine* spirit (the *Rational*), and the two are thenceforth one.

Zeller states that Xenocrates forbade the eating of animal food, not because he saw in beasts something akin to man, as he ascribed to them a dim consciousness of God, but, "for the opposite reason, lest the irrationality of animal souls might thereby obtain a certain influence over us."⁴⁴ But we believe that it was rather because, like Pythagoras, he had had the Hindû sages for his masters and models. Cicero depicted Xenocrates utterly despising everything except the highest virtue;⁴⁵ and describes the stainlessness and severe austerity of his character.⁴⁶ "To free ourselves from the subjection of sensuous existence, to conquer the Titanic elements in our terrestrial nature through the Divine one, is our problem." Zeller makes him say:⁴⁷ "Purity, even in the secret longings of our heart, is the greatest duty, and only philosophy and the initiation into the Mysteries help toward the attainment of this object."

Crantor, another philosopher associated with the earliest days of Plato's Academy, conceived the human soul as formed out of the primary substance of all things, the Monad or *One*, and the Duad or the *Two*. Plutarch speaks at length of this philosopher, who like his master believed in souls being distributed in earthly bodies as an exile and punishment.

Heraclides, though some critics do not believe him to have strictly adhered to Plato's primal philosophy,⁴⁸ taught the same ethics. Zeller presents him to us imparting, like Hiketas and Ekphantos, the Pythagorean doctrine of the diurnal rotation of the earth and the immobility of the fixed stars, but adds that he was ignorant of the annual revolution of the

43. Plutarch: *On Isis and Osiris*, § 25.

45. *Tusc. Disput.*, V, § xviii.

47. *Plato und die Alte Akademie*.

44. *Plato und die Alte Akademie*.

46. *Ibid.*; cf. § xxxii.

48. See Zeller: *Philosophie der Griechen*.

earth around the sun, and of the heliocentric system.⁴⁹ But we have good evidence that the latter system was taught in the Mysteries, and that Socrates died for *atheism*, *i. e.*, for divulging this sacred knowledge. Heraclides adopted fully the Pythagorean and Platonic views of the human soul, its faculties and its capabilities. He describes it as a luminous, highly ethereal essence. He affirms that souls inhabit the milky way before descending 'into generation' or sublunary existence. His daemons or spirits are airy and vaporous bodies.

In the *Epinomis* is fully stated the doctrine of the Pythagorean numbers in relation to created things. As a true Platonist, its author maintains that wisdom can only be attained by a thorough inquiry into the occult nature of the creation; it alone assures us an existence of bliss after death. The immortality of the soul is greatly speculated upon in this treatise; but its author adds that we can attain to this knowledge only through a complete comprehension of the numbers; for the man, unable to distinguish the straight line from a curved one, will never have wisdom enough to secure a mathematical demonstration of the *invisible*, *i. e.*, we must assure ourselves of the objective existence of our soul (astral body) before we learn that we are in possession of a divine and immortal spirit. Iamblichus says the same thing; adding, moreover, that it is a secret belonging to the highest initiation. The Divine Power, he says, always felt indignant with those who rendered manifest the composition of the *icosagonus*, *viz.*, who delivered the method of inscribing in a sphere the dodecahedron.⁵⁰

The idea that 'numbers' possessing the greatest virtue produce always what is good and never what is evil, refers to justice, equanimity of temper, and everything that is harmonious. When the author speaks of every star as an individual soul, he only means what the Hindû initiates and the Hermetists taught before and after him, *viz.*: that every star is an independent orb, which, like our earth, has a soul of its own, every atom of matter being impregnated with the divine influx of the soul of the world. It breathes and lives; it feels and suffers as well as enjoys life in its way. What naturalist is prepared to dispute it on good evidence? Therefore, we must consider the celestial bodies as the images of gods; as partaking of the divine powers in their substance; and though they are not immortal in their soul-entity, their agency in the economy of the universe is entitled to divine honors, such as we pay to minor gods. The idea is plain, and one must be malevolent indeed to misrepresent it. If the author of *Epinomis* places these fiery gods higher than the animals, plants, and even mankind, all of which, as earthly creatures, are assigned

49. *Plato und die Alte Akademie.*

50. One of the five regular solids in Geometry.

by him a lower place, who can prove him wholly wrong? One must needs go deep indeed into the profundity of the abstract metaphysics of the old philosophies, who would understand that their various embodiments of their conceptions are, after all, based upon an identical apprehension of the nature of the First Cause, its attributes and method.

Again when the author of *Epinomis* locates between these highest and lowest gods (embodied souls) three classes of daemons, and peoples the universe with invisible beings, he is more rational than our modern scientists, who make between the two extremes one vast hiatus of being, the playground of blind forces. Of these three classes the first two are invisible; their bodies are pure ether and fire (*planetary spirits*); the daemons of the third class are clothed with vaporous bodies; they are usually invisible, but sometimes, making themselves concrete, become visible for a few seconds. These are the earthly spirits, or our astral souls.

It is these doctrines, which, studied analogically, and on the principle of correspondence, led the ancient, and may now lead the modern, Philaletheian step by step toward the solution of the greatest mysteries. On the brink of the dark chasm separating the spiritual from the physical world stands modern science, with eyes closed and head averted, pronouncing the gulf impassable and bottomless, though she holds in her hand a torch which she need only lower into the depths to show her her mistake. But across this chasm, the patient student of Hermetic philosophy has constructed a bridge.

In his *Fragments of Science* ⁵¹ Tyndall makes the following sad confession: "If you ask me whether science has solved, or is likely in our day to solve the problem of this universe, I must shake my head in doubt." If moved by an afterthought, he corrects himself later, and assures his audience that experimental evidence has helped him to discover, in the opprobrium-covered matter, the "promise and potency of every quality of life," he only jokes. It would be as difficult for Professor Tyndall to offer any ultimate and irrefutable proofs of what he asserts, as it was for Job to insert a hook into the nose of the leviathan.

To avoid confusion that might easily arise by the frequent employment of certain terms in a sense different from that familiar to the reader, a few explanations will be timely. We desire to leave no pretext either for misunderstanding or misrepresentation. Magic may have one signification to one class of readers and another to another class. We shall give it the meaning which it has in the minds of its Oriental students and practitioners. And so with the words *Hermetic Science*, *Occultism*, *Hierophant*, *Adept*, *Sorcerer*, etc.; there has been little agreement of late as to

51. Lecture on 'Matter and Force.'

their meaning. Though the distinctions between the terms are very often insignificant — merely ethnic — still, it may be useful to the general reader to know just what that is. We give a few alphabetically.

AETHROBASY is the Greek name for walking or being lifted in the air; *levitation*, so called, among modern spiritualists. It may be either conscious or unconscious; in the one case, it is magic; in the other, either disease or a power which requires a few words of elucidation.

A symbolical explanation of aethrobasy is given in an old Syriac manuscript which was translated in the fifteenth century by one Malchus, an alchemist. In connexion with the case of Simon Magus, one passage reads thus:

"Simon, laying his face upon the ground, whispered in her ear, 'O mother Earth, give me, I pray thee, some of thy breath; and I will give thee mine; *let me loose*, O mother, that I may carry thy words to the stars, and I will return faithfully to thee after a while.' And the Earth strengthening her status, none to her detriment, sent her genius to breathe of her *breath* on Simon, *while he breathed on her*; and the stars rejoiced to be visited by the mighty One."

The starting-point here is the recognised electro-chemical principle that bodies similarly electrified repel each other, while those differently electrified mutually attract. "The most elementary knowledge of chemistry," says Professor Cooke, "shows that, while radicals of opposite natures combine most eagerly together, two metals, or two closely-allied metalloids, show but little affinity for each other."⁵²

The earth is a magnetic body; in fact, as some scientists have found, it is one vast magnet, as Paracelsus affirmed some 300 years ago. It is charged with one form of electricity — let us call it positive — which it evolves continuously by spontaneous action, in its interior or center of motion. Human bodies, in common with all other forms of matter, are charged with the opposite form of electricity — negative. That is to say, organic or inorganic bodies, if left to themselves will constantly and involuntarily charge themselves with, and evolve the form of electricity opposed to that of the earth itself. Now, what is weight? Simply the attraction of the earth. "Without the attractions of the earth you would have no weight," says Professor Stewart;⁵³ "and if you had an earth twice as heavy as this, you would have double the attraction." How then, can we get rid of this attraction? According to the electrical law above stated, there is an attraction between our planet and the organisms upon it which holds them upon the surface of the ground. But the law of gravitation has been counteracted in many

52. *The New Chemistry*, p. 264.

53. *The Sun and the Earth*.

instances by levitations of persons and inanimate objects; how account for this? The condition of our physical systems, say theurgic philosophers, is largely dependent upon the action of our will. If well-regulated, it can produce 'miracles'; among others a change of this electrical polarity from negative to positive; the man's relations with the earth-magnet would then become repellent, and 'gravity' for him would have ceased to exist. It would then be as natural for him to rush into the air until the repellent force had exhausted itself, as, before, it had been for him to remain upon the ground. The altitude of his levitation would be measured by his ability, greater or less, to charge his body with positive electricity. This control over the physical forces once obtained, alteration of his levity or gravity would be as easy as breathing.

The study of nervous diseases has established that even in ordinary somnambulism, as well as in mesmerized somnambulists, the weight of the body seems to be diminished. Professor Perty mentions a somnambulist, Koehler, who when in the water could not sink, but floated. The seeress of Prevorst rose to the surface of the bath and could not be kept seated in it. He speaks of Anna Fleischer, who being subject to epileptic fits, was often seen by the Superintendent to rise in the air; and was once, in the presence of two trustworthy witnesses (two deans) and others, raised two and a half yards from her bed in a horizontal position. The similar case of Margaret Rule is cited by Upham in his *History of Salem Witchcraft*. "In ecstatic subjects," adds Professor Perty, "the rising in the air occurs much more frequently than with somnambulists. We are so accustomed to consider gravitation as being a something absolute and unalterable, that the idea of a complete or partial rising in opposition to it seems inadmissible; nevertheless, there are phenomena in which, by means of material forces, gravitation is overcome. In several diseases — as, for instance, nervous fever — the weight of the human body seems to be increased, but in all ecstatic conditions to be diminished. And there may, likewise, be other forces than material ones which can counteract this power."

A Madrid journal, *El Criterio Espiritista*, of a recent date, reports the case of a young peasant girl near Santiago, which possesses a peculiar interest in this connexion. "Two bars of magnetized iron held over her horizontally, half a meter distant, was sufficient to suspend her body in the air."

Were our physicians to experiment on such levitated subjects, it would be found that they are strongly charged with a similar form of electricity to that of the spot, which, according to the law of gravitation, ought to *attract* them, or rather prevent their levitation. And, if some physical nervous disorder, as well as spiritual ecstasy, produce

unconsciously to the subject the same effects, it proves that if this force in nature were properly studied, it could be regulated at will.

ALCHEMISTS.—From *Al* and *Chemi*, fire, or the god and patriarch, *Kham*, also, the name of Egypt. The Rosicrucians of the middle ages, such as Robertus de Fluctibus (Robert Fludd), Paracelsus, Thomas Vaughan (Eugenius Philalethes), Van Helmont, and others, were all alchemists, who sought for the *hidden spirit* in every inorganic matter. Some people — nay, the great majority — have accused alchemists of charlatanry and false pretending. Surely such men as Roger Bacon, Agrippa, Henry Kuhnraeth, and the Arabian Geber (the first to introduce into Europe some of the secrets of chemistry), can hardly be treated as impostors — least of all as fools. Scientists who are reforming the science of physics upon the basis of the atomic theory of Democritus, as restated by John Dalton, conveniently forget that Democritus of Abdera was an alchemist, and that the mind that was capable of penetrating so far into the secret operations of nature in one direction must have had good reasons to study and become a Hermetic philosopher. Olaus Borrichias says that the cradle of alchemy is to be sought in the most distant times.

ASTRAL LIGHT.—The same as the *sidereal light* of Paracelsus and other Hermetic philosophers. Physically, it is the ether of modern science. Metaphysically, and in its spiritual, or occult sense, ether is a great deal more than is often imagined. In occult physics, and alchemy, it is well demonstrated to enclose within its shoreless waves not only Mr. Tyndall's "*promise* and potency of every quality of life," but also the *realization* of the potency of every quality of spirit. Alchemists and Hermetists believe that their astral, or sidereal ether, besides the above properties of sulphur, and white and red magnesia, or *magnes*, is the *anima mundi*, the workshop of Nature and of all the cosmos, spiritually, as well as physically. The 'grand magisterium' asserts itself in the phenomenon of mesmerism, in the 'levitation' of human and inert objects; and may be called the ether from its spiritual aspect.

The designation *astral* is ancient, and was used by some of the Neo-Platonists. Porphyry describes the celestial body which is always joined with the soul as "immortal, luminous, and star-like." The root of this word may be found, perhaps, in the Scythic *aist-aer* — which means star, or the Assyrian *Istar*, which according to Burnouf has the same sense. As the Rosicrucians regarded the real, as the direct opposite of the apparent, and taught that what seems light to *matter*, is darkness to *spirit*, they searched for the latter in the astral ocean of invisible fire which encompasses the world; and claim to have traced the equally invisible divine spirit, which overshadows every man and is erroneously called *soul*, to the very throne of the Invisible and Unknown

God. As the great cause must always remain invisible and imponderable, they could prove their assertions merely by demonstration of its effects in this world of matter, by calling them forth from the unknowable down into the knowable universe of effects. That this astral light permeates the whole cosmos, lurking in its latent state even in the minutest particle of rock, they demonstrate by the phenomenon of the spark from flint and from every other stone, whose spirit when forcibly disturbed springs to sight spark-like, and immediately disappears in the realms of the unknowable.

Paracelsus named it the *sidereal light*, taking the term from the Latin. He regarded the starry host (our earth included) as the *condensed* portions of the astral light which "fell down into generation and matter," but whose magnetic or spiritual emanations kept constantly a never-ceasing intercommunication between themselves and the parent-fount of all — the astral light. "The stars attract from us to themselves, and we again from them to us," he says. The body is wood and the life is fire, which comes like the light from the stars and from heaven. "Magic is the philosophy of alchemy," he says again.⁵⁴ Everything pertaining to the spiritual world must come to us through the stars, and if we are in friendship with them, we may attain the greatest *magical* effects.

"As fire passes through an iron stove, so do the stars pass through man with all their properties and go into him as the rain into the earth, which gives fruit out of that same rain. Now observe that the stars *surround* the whole earth, *as a shell does the egg*; through the shell comes the air, and penetrates to the center of the world." The human body is subjected as well as the earth, and planets, and stars, to a double law; it attracts and repels, for it is saturated through with double magnetism, the influx of the astral light. Everything is double in nature; magnetism is positive and negative, active and passive, male and female. Night rests humanity from the day's activity, and restores the equilibrium of human as well as of cosmic nature. When the mesmerizer will have learned the grand secret of polarizing the action and endowing his fluid with a bisexual force he will have become the greatest magician living. Thus the astral light is androgyne, for equilibrium is the resultant of two opposing forces eternally reacting upon each other. The result of this is LIFE. *When the two forces are expanded and remain so long inactive, as to equal one another and so come to a complete rest, the condition is DEATH.* A human being can blow either a hot or a cold breath; and can absorb either cold or hot air. Every child knows how to regulate

54. *Opera Omnia*, I, pp. 634, 698: Geneva, 1658. See also the treatises 'De Ente Spirituali,' lib. IV, and 'De Ente Astrorum,' lib. I, etc.

the temperature of his breath; but how to protect one's self from either hot or cold air, no physiologist has yet learned with certainty. The astral light alone, as the chief agent in magic, can discover to us all secrets of nature. The astral light is identical with the Hindû *ākāśa*, a word which we will now explain.

ĀKĀŚA.—Literally the word means in Sanskrit *sky*, but in its mystic sense it signifies the *invisible* sky; or, as the Brāhmans term it in the *Soma*-sacrifice (the *Jyotishtoma*, *Agnishtoma*), the god *Ākāśa*, or god Sky. The language of the *Vedas* shows that the Hindûs of fifty centuries ago ascribed to it the same properties as do the Tibetan lamas of the present day; that they regarded it as the source of life, the reservoir of all energy, and the propeller of every change of matter. In its latent state it tallies exactly with our idea of the universal ether; in its active state it became the *Ākāśa*, the all-directing and omnipotent god. In the Brāhmanical sacrificial mysteries it plays the part of *Sadasya*, or superintendent over the magical effects of the religious performance, and it had its own appointed *Hotar* (or priest), who took its name. In India, as in other countries in ancient times, the priests are the representatives on earth of different gods; each taking the name of the deity in whose name he acts.

The *Ākāśa* is the indispensable agent of every *Krityā* (magical performance) either religious or profane. The Brāhmanical expression 'to stir up the Brahma'—*Brahma jinvati*—means to stir up the power which lies latent at the bottom of every such magical operation, for the Vedic sacrifices are but ceremonial magic.⁵⁵ This power is the *Ākāśa* or the *occult* electricity; the *alkahest* of the alchemists in one sense, or the universal solvent, the same *anima mundi* as the astral light. At the moment of the sacrifice, the latter becomes imbued with the spirit of Brahmā, and so for the time being is Brahmā himself. This is the evident origin of the Christian dogma of transubstantiation. As to the most general effects of the *Ākāśa*, the author of one of the most modern works on the occult philosophy, *Art-Magic*, gives for the first time to the world a most intelligible and interesting explanation of the *Ākāśa* in connexion with the phenomena attributed to its influence by the fakirs and lamas.⁵⁶

ANTHROPOLOGY—the science of man; embracing among other things:

Physiology, or that branch of natural science which discloses the mysteries of the organs and their functions in men, animals, and plants; and also, and especially,

Psychology, or the great, and in our days, so neglected science of the

55. Cf. *Taittiriya-Brāhmanam*, I, 1.

56. *Op. cit.*, § xi (New York, 1876).

soul, both as an entity distinct from the spirit and in its relations with the spirit and body. In modern science, psychology relates only or principally to conditions of the nervous system, and almost absolutely ignores the psychical essence and nature. Physicians denominate the science of insanity *psychology*, and name the lunatic chair in medical colleges by that designation.

CHALDAEANS, or Kasdim.—At first a tribe, then a caste of learned kabalists. They were the savants, the magians of Babylonia, astrologers and diviners. The famous Hillel, the precursor of Jesus in philosophy and in ethics, was a Chaldaean. Franck in *La Kabbale* points to the close resemblance of the 'secret doctrine' found in the *Avesta* and the religious metaphysics of the Chaldaeans.⁵⁷

DACTYLS (*daktulos*, a finger).—A name given to the priests attached to the worship of Κυβέλη (Cybele). Some archaeologists derive the name from δάκτυλος, finger, because they were ten, the same in number as the fingers of the hand. But we do not believe the latter hypothesis is the correct one.

DAEMONS.—A name given by the ancient people, and especially the philosophers of the Alexandrian school, to all kinds of spirits, whether good or bad, human or otherwise. The appellation is often synonymous with that of gods or angels. But some philosophers tried, with good reason, to make a just distinction between the many classes.

DEMIOURGOS, or Demiurge.—Artificer; the Supernal Power which built the universe. Freemasons derive from this word their phrase of 'Supreme Architect.' The chief magistrates of certain Greek cities bore the title.

DERVISHES, or the 'whirling charmers,' as they are called. Apart from the austerities of life, prayer and contemplation, the Mohammedan devotee presents but little similarity with the Hindû fakir. The latter may become a *sannyâsin*, or saint and holy mendicant; the former will never reach beyond his second class of occult manifestations. The dervish may also be a strong mesmerizer, but he will never voluntarily submit to the abominable and almost incredible self-punishment which the fakir invents for himself with an ever-increasing avidity, until nature succumbs and he dies in slow and excruciating tortures. The most dreadful operations, such as flaying the limbs alive; cutting off the toes, feet, and legs; tearing out the eyes; and causing oneself to be buried alive up to the chin in the earth, and passing whole months in this posture, seem child's play to them. One of the most common tortures is that of *Siddhi-Pârvatî*.⁵⁸ It consists in suspending the fakir to one of the

57. Part III, ch. v.

58. Or more commonly, *charkh-pûjâ*.

mobile arms of a kind of gallows to be seen in the vicinity of many of the temples. At the end of each of these arms is fixed a pulley over which passes a rope terminated by an iron hook. This hook is inserted into the bare back of the fakir, who inundating the soil with blood is hoisted up in the air and then whirled round the gallows. From the first moment of this cruel operation until he is either unhooked or the flesh of his back tears out under the weight of the body and the fakir is hurled down on the heads of the crowd, not a muscle of his face will move. He remains calm and serious and as composed as if taking a refreshing bath. The fakir will laugh to scorn every imaginable torture, persuaded that the more his outer body is mortified, the brighter and holier becomes his *inner*, spiritual body. But no dervish, either in India, or in other Mohammedan lands, will ever submit to such operations.

DRUIDS.— A sacerdotal caste which flourished in Britain and Gaul.

ELEMENTALS.— The creatures evolved in the four kingdoms of earth, air, fire, and water, and called by the kabalists gnomes, sylphs, salamanders, and undines. They may be termed the forces of nature, and will either operate effects as the servile agents of general law, or may be employed by disembodied entities — whether pure or impure — and by living adepts of magic and sorcery, to produce desired phenomenal results. Such beings never become men.⁵⁹

Under the general designation of fairies, and fays, these 'spirits' of the elements appear in the myth, fable, tradition, or poetry of all nations, ancient and modern. Their names are legion — peris, devs, djins, sylvans, satyrs, fauns, elves, dwarfs, trolls, norns, nisses, kobolds, brownies, necks, strömkarls, undines, nixies, salamanders, goblins, ponkes, ban-shees, kelpies, pixies, moss people, good people, good neighbors, wild women, men of peace, white ladies — and many more. They have been seen, feared, blessed, banned, and invoked in every quarter of the globe and in every age. Shall we then concede that all who have met them were hallucinated?

These elementals are the principal agents of disembodied but *never*

59. Persons who believe in the clairvoyant power, but are disposed to discredit the existence of any other 'spirits' in nature than disembodied human 'spirits,' will be interested in an account of certain clairvoyant observations which appeared in the *London Spiritualist* of June 29, 1877. A thunderstorm approaching, the seeress saw "a bright spirit emerge from a dark cloud and pass with lightning speed across the sky, and, a few minutes after, a diagonal line of dark spirits in the clouds." These are the *Maruts* of the *Vedas*. (See Max Müller's *Rig-Veda Sanhita*.)

The well-known and respected lecturer, author, and clairvoyant, Mrs. Emma Hardinge Britten, has published accounts of her frequent experiences with these elementals.

visible entities at *séances*, and the producers of all the phenomena except the subjective.

ELEMENTARIES.— Properly, the disembodied *souls* of the depraved; these souls having at some time prior to death separated from themselves their divine spirits, and so lost their chance for immortality. Éliphas Lévi and some other kabalists make little distinction between elementaries who have been men, and those beings which people the elements, and are the blind forces of nature. Once divorced from their bodies, these souls (also called 'astral bodies') of purely materialistic persons, are irresistibly attracted to the earth, where they live a temporary and finite life amid elements congenial to their gross natures. From having never, during their natural lives, cultivated their spirituality, but subordinated it to the material and gross, they are now unfitted for the lofty career of the pure, disembodied being, for whom the atmosphere of earth is stifling and mephitic, and whose attractions are all away from it. After a more or less prolonged period of time these material souls will begin to disintegrate, and finally, like a column of mist, be dissolved, atom by atom, in the surrounding elements.

ESSENES — from *Asa*, a healer. A sect of Jews said by Pliny⁶⁰ to have lived near the Dead Sea "*per millia saeculorum*"—for thousands of ages. Some have supposed them to be extreme Pharisees; and others — which may be the true theory — the descendants of the *Benim-nabim* of the *Bible*, and think they were 'Kenites' and 'Nazarites.' They had many Buddhistic ideas and practices; and it is noteworthy that the priests of the *Great Mother* at Ephesus, Diana-Bhavânt with many breasts, were also so denominated. Eusebius,⁶¹ and after him De Quincey, declared them to be the same as the early Christians, which is more than probable. The title 'brother,' used in the early Church, was Essenean: they were a fraternity, or a *koinobion* or community like the early converts. It is noticeable that only the Sadducees, or Zadokites, the priest-caste and their partisans, persecuted the Christians; the Pharisees were generally scholastic and mild, and often sided with the latter. James the Just was a Pharisee till his death; but Paul or *A'her* was esteemed a schismatic.

EVOLUTION.— The development of higher orders of animals from the lower. Modern, or so-called *exact* science, holds but to a one-sided physical evolution, prudently avoiding and ignoring the higher or spiritual evolution, which would force our contemporaries to confess the superiority of the ancient philosophers and psychologists over themselves. The ancient sages, ascending to the UNKNOWABLE, took their starting-point from the first manifestation of the unseen, the unavoidable, and from a

60. *Nat. Hist.*, V, xv.

61. *Hist. Eccl.*, II, xvii; cf. Philo Jud.: *De vita contempl.*

strict logical reasoning, the absolutely necessary creative Being, the Demiurge of the universe. Evolution began with them from pure spirit, which descending lower and lower down, assumed at last a visible and comprehensible form, and became matter. Arrived at this point, they speculated in the Darwinian method, but on a far larger and more comprehensive basis.

In the *Rig-Veda-Saṁhitā*, the oldest book of the World ⁶² (to which even our most prudent Indologists and Sanskrit scholars assign an antiquity of between two and three thousand years B. C.), in the first book, 'Hymns to the Maruts,' it is said:

"*Not-being* and *Being* are in the highest heaven, in the birthplace of *Daksha*, in the lap of *Aditi*" (*Mandala*, I, *Sūkta* 166).

"In the first age of the gods, *Being* (the comprehensible Deity) was born from *Not-being* (whom no intellect can comprehend); after it were born the *Regions* (the invisible), from them *Uttānapada*."

"From *Uttānapada* the Earth was born, the *Regions* (those that are visible) were born from the Earth. *Daksha* was born of *Aditi*, and *Aditi* from *Daksha*" (*ibid.*).

Aditi is the Infinite, and *Daksha* is *dāksha-pitara*, literally meaning *the fathers of gods*, but understood by Max Müller and Roth to mean *the fathers of strength*, "preserving, possessing, granting faculties." Therefore, it is easy to see that "*Daksha*, born of *Aditi* and *Aditi* from *Daksha*," means what the moderns understand by 'correlation of forces'; the more so as we find in this passage (translated by Prof. Müller):

"I place *Agni*, the source of all beings, the father of strength" (III, 27, 2), a clear and identical idea which prevailed so much in the doctrines of the Zoroastrians, the Magians, and the medieval fire-philosophers. *Agni* is god of fire, of the Spiritual Aether, the very substance of the divine essence of the Invisible God present in every atom of His creation, and called by the Rosicrucians the 'Celestial Fire.' If we only carefully compare the verses from this *Mandala*, one of which runs thus: "The Sky is your father, the Earth your mother, *Soma* your brother, *Aditi* your sister" (I, 191, 6),⁶³ with the inscription on the *Smaragdine Tablet* of *Hermes*, we shall find the same substratum of metaphysical philosophy, the identical doctrines!

"As all things were produced by the mediation of one being, so all things were produced from this one thing by adaptation: 'Its father is

62. Translated by Max Müller, Professor of Comparative Philology at the Oxford University, England.

63. *Dyaurhi vah pitā, prithivī mātā, somah bhrātā, aditih svasā.*

the sun; its mother is the moon' . . . etc. Separate the earth from the fire, the *subtle from the gross*. . . . What I had to say about the operation of the *sun* is completed" (*Smaragdine Tablet*).⁶⁴

Professor Max Müller sees in this *Mandala* "at last, something like a theogony, though full of contradictions."⁶⁵ The alchemists, kabalists, and students of mystic philosophy will find therein a perfectly defined system of Evolution in the Cosmogony of a people who lived a score of thousands of years before our era. They will find in it, moreover, a perfect identity of thought and even doctrine with the Hermetic philosophy, and also that of Pythagoras and Plato.

In Evolution, as it is now beginning to be understood, there is supposed to be in all matter an impulse to take on a higher form — a supposition clearly expressed by Manu and other Hindû philosophers of the highest antiquity. The philosopher's tree illustrates it in the case of the zinc solution. The controversy between the followers of this school and the Emanationists may be briefly stated thus: The Evolutionist stops all inquiry at the borders of 'the Unknowable'; the Emanationist believes that nothing can be evolved — or, as the word means, unwombed or born — except it has first been involved, thus indicating that life is from a spiritual potency above the whole.

FAKIRS.— Religious devotees in East India. They are generally attached to Brâhmanical pagodas and follow the laws of Manu. A strictly religious fakir will go absolutely naked, with the exception of a small piece of linen called *dhoti*, around his loins. They wear their hair long, and it serves them as a pocket, as they stick in it various objects — such as a pipe, a small flute called *vagudah*, the sounds of which throw the serpents into a cataleptic torpor, and sometimes their bamboo-stick (about one foot long) with *the seven mystical knots* on it. This magical stick, or rather *rod*, the fakir receives from his *guru* on the day of his initiation, together with the three *mantrams*, which are communicated to him 'mouth to ear.' No fakir will be seen without this powerful adjunct of his calling. It is, as they all claim, the divining-rod, the cause of every occult phenomenon produced by them.⁶⁶ The Brâhmanical fakir is en-

64. As the perfect identity of the philosophical and religious doctrines of antiquity will be fully treated upon in subsequent chapters, we limit our explanations for the present.

65. *Rig-Veda-Sanhita*, p. 234.

66. Philostratus assures us that the Brâhmins were able, in his time, to perform the most wonderful cures by merely pronouncing certain magical words. "The Indian Brahmins carry a staff and a ring, by means of which they are able to do almost anything." (*Vita Apoll.*, III, xv.) Origen states the same of some Egyptians. (*Contra Celsum*, I, lxviii). But if a strong mesmeric fluid — say projected from the eye, and without any other contact — is not added, no magical words would be efficacious.

tirely distinct from the Mussulman mendicant of India, also called fakirs in some parts of the British territory.

HERMETIST.— From Hermes, the god of Wisdom, known in Egypt, Syria, and Phoenicia as Thoth, Tat, Adad, Seth, and Sat-an (the latter *not to be taken* in the sense applied to it by Moslems and Christians), and in Greece as Kadmus. The kabalists identify him with Adam *Kadmon*, the first manifestation of the Divine Power, and with Enoch. There were two Hermes: the elder was the Trismegistus, and the second an emanation, or 'permutation' of himself; the friend and instructor of Isis and Osiris. Hermes is the god of the priestly wisdom, like Mazeus.

HIEROPHANT.— Discloser of sacred learning. The Old Man, the Chief of the Adepts at the initiations, who explained the arcane knowledge to the neophytes, bore this title. In Hebrew and Chaldaean the term was *Peter*, or opener, discloser; hence, the Pope, as the successor of the hierophant of the ancient Mysteries, sits in the Pagan chair of 'Peter.' The vindictiveness of the Catholic Church toward the alchemists, and to arcane and astronomical science, is explained by the fact that such knowledge was the ancient prerogative of the hierophant, or representative of Peter, who kept the mysteries of life and death. Men like Bruno, Galileo, and Kepler, therefore, and even Cagliostro, trespassed on the preserves of the Church, and were accordingly murdered.

Every nation had its Mysteries and hierophants. Even the Jews had their Peter — Tanaim or Rabbin, like Hillel, A'qibah,⁶⁷ and other famous Kabalists, who alone could impart the awful knowledge contained in the *Merkabah*. In India, there was in ancient times one, and now there are several hierophants scattered about the country, attached to the principal pagodas, who are known as the Brahma-âtmâs. In Tibet the chief hierophant is the *Dalai-Lama* of Lha-ssa.⁶⁸ Among Christian nations, the Roman Catholics alone have preserved this 'heathen' custom, in the person of their Pope, albeit they have sadly disfigured its majesty and the dignity of the sacred office.

INITIATES.— In times of antiquity, those who had been initiated into the arcane knowledge taught by the hierophants of the Mysteries; and in our modern days those who have been initiated by the adepts of mystic lore into the mysterious knowledge, which, notwithstanding the lapse of ages, has yet a few real votaries on earth.

67. A'qibah was a friend of A'her, said to have been the apostle Paul of Christian story. Both are depicted as having visited Paradise. A'her took branches from the Tree of Knowledge, and so fell from the true (Jewish) religion. A'qibah (reputed to have penned the *Sepher Yetzirah*) came away in peace. See *2 Corinthians*, xii; and *The Babylonian Talmud*, by Rodkinson, vol. V, Tract Hagiga, pp. 32, 33: New York, 1898.

68. *Dalai* means ocean or sea.

KABALIST, from קבלה, QABBALAH; an unwritten or oral tradition. The kabalist is a student of 'secret science,' one who interprets the hidden meaning of the Scriptures with the help of the symbolical *Kabala*, and explains the real one by these means. The Tanaim were the first kabalists among the Jews; they appeared at Jerusalem about the beginning of the third century before the Christian era. The Books of *Ezekiel*, *Daniel*, *Enoch*, and the *Revelation* of John, are purely kabalistical. This secret doctrine is identical with that of the Chaldaeans, and includes at the same time much of the Persian wisdom, or 'magic.'

LAMAS.—Buddhist monks belonging to the Lamaic religion of Tibet, as, for instance, friars are the monks belonging to the Popish or Roman Catholic religion. Every lama is subject *de jure* to the grand *Dalai-Lama*, the Buddhist pope of Tibet, who holds his residence at Lha-ssa. The *Dalai-Lamas* were created by *Dharma Richen*, successor of *Tson-kha-pa*.

MAGE, or *Magian*; from *Mag* or *Mahâ*. The word is the root of the word magician. The *Mahâ-âtman* (the great Soul or Spirit) in India had its priests in the pre-Vedic times. The Magians were priests of the fire-god; we find them among the Assyrians and Babylonians, as well as among the Persian fire-worshippers. The three magi, also denominated kings, that are said to have made gifts of gold, incense, and myrrh to the infant Jesus, were fire-worshippers like the rest, and astrologers; for they saw his star. The high priest of the Pârsis, at Surat, is called *Mobed*, others derived the word from *Megh*; *Meh-ab* signifying something grand and noble. Zoroaster's disciples were called *Meghestom*, according to Kleuker.

MAGICIAN.—This term, once a title of renown and distinction, has come to be wholly perverted from its true meaning. Once the synonym of all that was honorable and reverent, of a possessor of learning and wisdom, it has become degraded into an epithet to designate one who is a pretender and a juggler; a charlatan, in short, or one who has 'sold his soul to the Evil One'; who misuses his knowledge, and employs it for low and dangerous uses, according to the teachings of the clergy, and a mass of superstitious fools who believe the magician a sorcerer and an enchanter. But Christians forget, apparently, that Moses was also a magician, and Daniel, "*Master of the magicians, astrologers, Chaldaeans, and soothsayers*" (*Daniel*, v, 11).

The word magician then, scientifically speaking, is derived from *Mogh* (Persian); *Mah* (Hindû); *Mão* (Zend); or *Mahâ* (Sanskrit) — great: a man well versed in the secret or esoteric knowledge — properly a sacerdot.

MANTICISM, or mantic frenzy. During this state was developed the

gift of prophecy. The two words are nearly synonymous. One was as honored as the other. Pythagoras and Plato held it in high esteem, and Socrates advised his disciples to study Manticism. The Church Fathers, who condemned so severely the *mantic frenzy* in Pagan priests and Pythiæ, were not above applying it to their own uses. The Montanists, who took their name from Montanus, a bishop of Phrygia, who was considered divinely inspired, rivaled with the *manteis* (μάντις) or prophets. "Tertullian, Augustine, and the martyrs of Carthage, were of the number," says the author of *Prophecy, Ancient and Modern*. "The Montanists seem to have resembled the *Bacchantes* in the wild enthusiasm that characterized their orgies," he adds. There is a diversity of opinion as to the origin of the word *Manticism*. There was the famous Mantis the Seer, in the days of Melampus and Proetus, King of Argos; and there was Manto, the daughter of the prophet of Thebes, herself a prophetess. Cicero describes prophecy and mantic frenzy by saying that "in the inner recesses of the mind is divine prophecy hidden and confined, a divine impulse, which when it burns more vividly is called *furor*" (frenzy, madness).

But there is still another etymology possible for the word *mantis*, and to which we doubt if the attention of the philologists was ever drawn. The mantic frenzy may, perchance, have a still earlier origin. The two sacrificial cups of the Soma-mystery used during the religious rites, and generally known as *grahas*, are respectively called *Śukra* and *Manthi*.⁶⁹

It is in the latter *manti* or *manthi* cup that Brahma is said to be 'stirred up.' While the initiate drinks (albeit sparingly) of this sacred soma-juice, the Brahmâ, or rather his 'spirit,' personified by the god Soma, enters into the man and takes *possession* of him. Hence, ecstatic vision, clairvoyance, and the gift of prophecy. Both kinds of divination — the natural and the artificial — are aroused by the Soma. The *Śukra*-cup awakens that which is given to every man by nature. It unites both spirit and soul, and these, from their own nature and essence, which are divine, have a foreknowledge of future things, as dreams, unexpected visions, and presentiments well prove. The contents of the other cup, the *manthi*, which 'stirs the Brahma,' put thereby the soul in communication not only with the minor gods — the well-informed but not omniscient spirits — but actually with the highest divine essence itself. The soul receives a direct illumination from the presence of its 'god'; but as it is not allowed to remember certain things, well known only in heaven, the initiated person is generally seized with a kind of sacred frenzy, and upon recovering from it, only remembers that which is allowed to him. As to the other kind of seers and diviners — those who make a

69. *Āitareya-Brāhmanam*, III, i, 1.

profession of and a living by it — they are usually held to be possessed by a *gandharra*, a deity which is nowhere so little honored as in India.

MANTRA.— A *Sanskrit* word conveying the same idea as the 'Ineffable Name.' Some *mantras*, when pronounced according to magical formulae taught in the *Atharra-Veda*, produce instantaneous and wonderful effects. In a general sense, though, a *mantra* is either simply a prayer to the gods and powers of heaven, as taught by the Brāhmanical books, and especially *Manu*, or else a magical charm. In its esoteric sense, the 'word' of the *mantra*, or mystic speech, is called by the Brāhmanas *Vāch*. It resides in the *mantra*, which literally means those parts of the sacred books which are considered as the *Śruti*, or direct divine revelation.

MARABUT.— A Mohammedan pilgrim who has been to Mecca; a saint, whose body after death is placed in an open sepulcher built on the surface, like other buildings, but in the middle of the streets and public places of populated cities. Placed inside the small and only room of the tomb (and several such public sarcophagi of brick and mortar may be seen to this day in the streets and squares of Cairo), the devotion of the wayfarers keeps a lamp ever burning at his head. The tombs of some of these *marabuts* have a great fame for the miracles they are alleged to perform.

MATERIALIZATION.— A word employed by spiritualists to indicate the phenomenon of 'a spirit clothing himself with a material form.' The far less objectionable term, 'form-manifestation,' has been recently suggested by Mr. Stainton-Moses, of London. When the real nature of these apparitions is better comprehended, a still more appropriate name will doubtless be adopted. To call them materialized spirits is inadmissible, for they are not spirits but animated portrait-statues.

MAZDEANS, from (*Ahura*) *Mazda*. (See Spiegel's *Yafna*, I, 65; XIII, 21, 22, etc.) They were the ancient Persian nobles who worshiped Ormazd, and, rejecting images, inspired the Jews with the same horror for every concrete representation of the Deity. "They seem in Herodotus' time to have been superseded by the Magian religionists. The Pārsts and Ghebers (גְּבֵרִים, *geberim*, mighty men, of *Genesis*, vi, 4, and x, 8) appear to be Magian religionists. . . . By a curious muddling of ideas, *Zoro-Aster* (Zero, a circle, a son or priest, *Aster*, *Ishtar*, or *Astarte* — in Aryan dialect, a star), the title of the head of the Magians and fire-worshippers, or *Sūrya-ishtara*, the sun-worshiper, is often confounded in modern times with *Zara-thustra*, the reputed Mazdean apostle" (*Zoroaster*).

METEMPSYCHOSIS.— The progress of the soul from one stage of existence to another. Symbolized and vulgarly believed to be rebirths in animal bodies. A term generally misunderstood by every class of European

and American society, including many scientists. The Kabalistic or Hermetic axiom, "A stone becomes a plant, a plant an animal, an animal a man, a man a spirit, and a spirit a god," receives an explanation in Manu's *Mánava-Dharma-Śāstra*, and other Brāhmanical books.

MYSTERIES.—Greek *teletai*, or finishings, as analogous to *teleuteia* or death. They were observances, generally kept secret from the profane and uninitiated, in which were taught by dramatic representation and other methods, the origin of things, the nature of the human spirit, its relations to the body, and the method of its purification and restoration to higher life. Physical science, medicine, the laws of music, divination, were all taught in the same manner. The Hippocratic oath was but a mystic obligation. Hippocrates was a priest of Asclepius, some of whose writings chanced to become public. But the *Asklepiadae* were initiates of the Aesculapian serpent-worship, as the Bacchantes were of the Dionysia; and both rites were eventually incorporated with the Eleusinia. We will treat of the Mysteries fully in the subsequent chapters.

MYSTICS.—Those initiated. But in the medieval and later periods the term was applied to men like Böhme the Theosophist, Molinos the Quietist, Nicholas of Basle, and others who believed in a direct interior communion with God, analogous to the inspiration of the prophets.

NABIA.—Seership, soothsaying. This oldest and most respected of mystic phenomena, is the name given to prophecy in the *Bible*, and is correctly included among the spiritual powers, such as divination, clairvoyant visions, trance-conditions, and oracles. But while enchanters, diviners, and even astrologers are strictly condemned in the Mosaic books, prophecy, seership, and *nabia* appear as the special gifts of heaven. In early ages they were all termed *Epophtai*, the Greek word for seers, clairvoyants; after which they were designated as *Nebim*, "the plural of Nebo, the Babylonian god of wisdom." The kabalist distinguishes between the *seer* and the *magician*; one is passive, the other active; *Nebirah* is one who looks into futurity and is a clairvoyant; *Nebi-poel*, he who possesses *magic powers*. We notice that Elijah and Apollonius resorted to the same means to isolate themselves from the disturbing influences of the outer world, viz.: wrapping their heads entirely in a woolen mantle: from its being an electric non-conductor we must suppose.

OCCULTIST.—One who studies the various branches of occult science. The term is used by the French kabalists (see Éliphas Lévi's works). Occultism embraces the whole range of psychological, physiological, cosmical, physical, and spiritual phenomena. From the word *occult*, hidden, or secret; applying therefore to the study of the *Kabala*, astrology, alchemy and all arcane sciences.

PAGAN GODS.— This term gods is erroneously understood by most of the reading public to mean idols. The idea attached to them is *not* that of something objective or anthropomorphical. With the exception of occasions when 'gods' mean either divine planetary entities (angels), or disembodied spirits of pure men, the term simply conveys to the mind of the mystic — whether Hindû *Hotar*, Mazdean *Mage*, Egyptian hierophant, or disciple of the Greek philosophers — the idea of a visible or cognised manifestation of an invisible potency of nature. And such occult potencies are invoked under the appellation of various gods, who, for the time being, are personating these powers. Thus every one of the numberless deities of the Hindû, Greek, and Egyptian Pantheons, are simply Powers of the 'Unseen Universe.' When the officiating Brâhmana invokes *Āditya* — who, in her cosmic character, is the goddess-sun — he simply *commands* that potency (personified in some god), which, as he asserts, "resides in the *Mantra*, as the sacred *Vâch*." These god-powers are allegorically regarded as the divine *Hotars* of the Supreme One; while the priest (Brâhmana) is the human *Hotar* who officiates on earth, and representing that particular Power becomes, ambassador-like, invested with the very potency which he personates.

PĪTRIS.— It is generally believed that the Hindû term *Pitrīs* means the spirits of our direct ancestors; of disembodied people. Hence the argument of some spiritualists that fakirs, and other Eastern wonder-workers, are *mediums*; that they themselves confess to being unable to produce anything without the help of the *Pitrīs*, of whom they are the obedient instruments. This is in more than one sense erroneous. The *Pitrīs* are not the ancestors of the present living men, but those of the human kind or Adamic race; the spirits of *human* races which, on the great scale of descending evolution, preceded our races of men, and were physically, as well as spiritually, far superior to our modern pygmies. In *Mānava-Dharma-Śāstra* they are called the *Lunar* ancestors.

PYTHIA, or Pythoness.— Webster dismisses the word very briefly by saying that it was the name of one who delivered the oracles at the Temple of Delphi, and "any female supposed to have the spirit of divination in her — a *witch*," which is neither complimentary, exact, nor just. A Pythia, upon the authority of Plutarch, Iamblichus, Lamprias, and others, was a nervous sensitive; she was chosen from among the poorest class, young and pure. Attached to the temple, within whose precincts she had a room, secluded from every other, and to which no one but the priest, or seer, had admittance, she had no communications with the outside world, and her life was more strict and ascetic than that of a Catholic nun. Sitting on a tripod of brass placed over a fissure in the ground, through which arose intoxicating vapors, these subterranean

exhalations penetrating her whole system produced the prophetic mania. In this abnormal state she delivered oracles.⁷⁰ She was sometimes called *ventriloqua vates*, the ventriloquist-prophetess.

The ancients placed the astral soul of man, $\psi\chi\upsilon\acute{\iota}$, or his self-consciousness, in the pit of the stomach. The Brāhmanas shared this belief with Plato and other philosophers. Thus we find in the fourth verse of the second *Nābhānedishtha Hymn* it is said: "Hear, O sons of the gods (spirits) one who speaks through his navel (*nābhā*) for he hails you in your dwellings!"

Many of the Sanskrit scholars agree that this belief is one of the most ancient among the Hindūs. The modern fakirs, as well as the ancient gymnosophists, unite themselves with their *Ātman* and the Deity by remaining motionless in contemplation and concentrating their whole thought on their navel. As in modern somnambulatory phenomena, the navel was regarded as 'the circle of the sun,' the seat of internal divine light.⁷¹ Is the fact of a number of modern somnambulists being enabled to read letters, hear, smell, and see, through that part of their body to be regarded again as a simple 'coincidence,' or shall we admit at last that the old sages knew something more of physiological and psychological mysteries than our modern Academicians? In modern Persia, when a 'magician' (often simply a mesmerizer) is consulted upon occasions of theft and other puzzling occurrences, he makes his manipulations over the pit of his stomach, and so brings himself into a state of clairvoyance. Among the modern Pārsis, remarks a translator of the *Rig-veda*, there exists a belief up to the present day that their adepts have a flame in their navel, which enlightens to them all darkness and discloses the spiritual world, as well as all things unseen, or at a distance. They call it the lamp of *the Deshtur*, or high priest; the light of the *Dikshita* (the initiate), and otherwise designate it by many other names.

SAMOTHRACES.—A designation of the Fane-gods worshiped at Samothracia in the Mysteries. They are considered as identical with the Kabiri, Dioscuri, and Corybantes. Their names were mystical — denoting Pluto, Ceres or Proserpina, Bacchus, and Aesculapius or Hermes.

SHAMANS, or Samaneans.—An order of Buddhists among the Tatars, especially those of Siberia. They are possibly akin to the philosophers

70. Champollion's *Pantheon Egyptien*: 'Myths,' p. 31; also Aristophanes in *Vespæ*, ii.

71. The oracle of Apollo was at Delphos, the city of the *delphus*, womb or abdomen; the place of the temple was denominated the *omphalos* or navel. The symbols are female and lunar; reminding us that the Arcadians were called *Proseleni*, pre-Hellenic or more ancient than the period when Ionian and Olympian lunar worship was introduced.

anciently known as *Brachmanes*, mistaken sometimes for *Brâhmanas*.⁷² They are all *magicians*, or rather sensitives or mediums artificially developed. At present those who act as priests among the Tatars are generally very ignorant, and far below the fakirs in knowledge and education. Both men and women may be Shamans.

SOMA.— This Hindû sacred beverage answers to the Greek ambrosia or nectar, drunk by the gods of Olympus. A cup of *kykeon* was also quaffed by the *mysta* at the Eleusinian initiation. He who drinks it easily reaches *Bradhna*, or place of splendor (Heaven). The soma-drink known to Europeans is not the *genuine* beverage, but its substitute; for the initiated priests alone can taste of the real soma; and even kings and *râjas*, when sacrificing, receive the substitute. Haug shows by his own confession, in his *Âitareya-Brâhmanam*,⁷³ that it was not the *Soma* that he tasted and found nasty, but the juice from the roots of the *Nyagrodha*, a plant or bush which grows on the hills of Poona. We were positively informed that the majority of the sacrificial priests of the Dekhan have lost the secret of the true soma. It can be found neither in the ritual books nor through oral information. The true followers of the primitive Vedic religion are very few; these are the alleged descendants from the *Rishis*, the real *Agnihotris*, the initiates of the great Mysteries. The soma-drink is also commemorated in the Hindû Pantheon, for it is called the King-Soma. He who drinks of it is made to participate in the heavenly king, because he becomes filled with it, as the Christian apostles and their converts became filled with the Holy Ghost, and purified of their sins. The *soma* makes a new man of the initiate; he is reborn and transformed, and his spiritual nature overcomes the physical; it gives the divine power of inspiration, and develops the clairvoyant faculty to the utmost. According to the exoteric explanation the *soma* is a plant, but, at the same time it is an angel. It forcibly connects the *inner*, highest 'spirit' of man, which spirit is an angel like the mystical *soma*, with his 'irrational soul,' or astral body, and thus united by the power of the magic drink, they soar together above physical nature, and participate during life in the beatitude and ineffable glories of Heaven.

Thus the Hindû *soma* is mystically and in all respects the same that the Eucharistic supper is to the Christian. The idea is similar. By

72. From the accounts of Strabo and Megasthenes, who visited Palibothras, it would seem that the persons termed by him Samanean, or Brachman priests, were simply Buddhists. (Strabo: XV, i, §§ 59-66.) "The singularly subtle replies of the Samanean or Brahman philosophers, in their interview with the conqueror, will be found to contain the spirit of the Buddhist doctrine," remarks Upham. (*History and Doctrine of Buddhism*; and Hale's *Chronology*, vol. III, p. 238.)

73. Vol. II, p. 489.

means of the sacrificial prayers — the mantras — this liquor is supposed to be transformed on the spot into real soma — or the angel, and even into Brahmâ himself. Some missionaries have expressed themselves very indignantly about this ceremony, the more so, that, generally speaking, the Brâhmanas use a *kind of spirituous liquor* as a substitute. But do the Christians believe less fervently in the transubstantiation of the communion-wine into the blood of Christ, because this wine happens to be more or less spirituous? Is not the idea of the symbol attached to it the same? But the missionaries say that this hour of soma-drinking is the golden hour of Satan, who lurks at the bottom of the Hindû sacrificial cup.⁷⁴

SPIRIT.— The lack of any mutual agreement between writers in the use of this word has resulted in dire confusion. It is commonly made synonymous with *soul*; and the lexicographers countenance the usage. This is the natural result of our ignorance of the other word, and repudiation of the classification adopted by the ancients. Elsewhere we attempt to make clear the distinction between the terms 'spirit' and 'soul.' There are no more important passages in this work. Meanwhile, we shall only add that 'spirit' is the *νοῦς* of Plato, the immortal, immaterial, and purely *divine* principle in man — the crown of the human *Triad*; whereas,

SOUL is the *ψυχή*, or the *nephesh* of the *Bible*; the vital principle, or the breath of life, which every animal, down to the infusoria, shares with man. In the translated *Bible* it stands indifferently for *life*, blood, and soul. "Let us *not* kill his *nephesh*," says the original text: "let us not kill *him*," translate the Christians (*Genesis*, xxxvii, 21), and so on.

THEOSOPHISTS.— In the medieval ages it was the name by which were known the disciples of Paracelsus of the sixteenth century, the so-called fire-philosophers or *Philosophi per ignem*. As well as the Platonists they regarded the soul (*ψυχή*) and the divine spirit, *nous* (*νοῦς*), as a particle of the great *Archos* — a fire taken from the eternal ocean of light.

The Theosophical Society, to which these volumes are dedicated by the author as a mark of affectionate regard, was organized at New York in 1875. The object of its founders was to experiment practically in the occult powers of Nature, and to collect and disseminate among Christians information about the Oriental religious philosophies. Later, it has determined to spread among the 'poor benighted heathen' such evi-

74. In their turn, the heathen may well ask the missionaries what sort of a spirit lurks at the bottom of the sacrificial beer-bottle. That evangelical New York journal, *The Independent*, says: "A late English traveler found a simple-minded Baptist mission church, in far-off Burmah, using for the communion service, and we doubt not with God's blessing, Bass's pale ale instead of wine." Circumstances alter cases, it seems.

dences as to the practical results of Christianity as will at least give both sides of the story to the communities among which missionaries are at work. With this view it has established relations with associations and individuals throughout the East, to whom it furnishes authenticated reports of the ecclesiastical crimes and misdemeanors, schisms and heresies, controversies and litigations, doctrinal differences and biblical criticisms and revisions, with which the press of Christian Europe and America constantly teems. Christendom has been long and minutely informed of the degradation and brutishness into which Buddhism, Brâhmanism, and Confucianism have plunged their deluded votaries, and many millions have been lavished upon foreign missions under such false representations. The Theosophical Society, seeing daily exemplifications of this very state of things as the sequence of Christian teaching and example — the latter especially — thought it simple justice to make the facts known in Palestine, India, Ceylon, Kashmir, Tatar, Tibet, China and Japan, in all which countries it has influential correspondents. It may also in time have much to say about the conduct of the missionaries to those who contribute to their support.

THEURGIST.— From *θεός*, god, and *ἔργον*, work. The first school of practical theurgy in the Christian period was founded by Iamblichus among the Alexandrian Platonists; but the priests attached to the temples of Egypt, Assyria, and Babylonia, and who took an active part in the evocations of the gods during the Sacred Mysteries, were known by this name from the earliest archaic period. The purpose of it was to make spirits visible to the eyes of mortals. A theurgist was one expert in the esoteric learning of the Sanctuaries of all the great countries. The Neo-Platonists of the school of Iamblichus were called theurgists, for they performed the so-called 'ceremonial magic,' and evoked the 'spirits' of the departed heroes, 'gods,' and *Daimonia* (*δαίμονια*, divine, spiritual entities). In the rare cases when the presence of a *tangible* and *visible* spirit was required, the theurgist had to furnish the weird apparition with a portion of his own flesh and blood — he had to perform the *theopoiia*, or the 'creation of gods,' by a mysterious process well known to the modern fakirs and initiated Brâhmanas of India. The following is what is said in the *Book of Evocations* of the pagodas. It shows the perfect identity of rites and ceremonial between the oldest Brâhmanic theurgy and that of the Alexandrian Platonists:

"The Brâhmana-*Grihasta* (the evocator) must be in a state of complete purity before he ventures to call forth the *Pitris*."

After having prepared a lamp, some sandal, incense, etc., and having traced the magic circles taught to him by the superior *guru*, in order to keep away *bad* spirits, he "ceases to breathe, and calls *the fire* to his

help, to disperse his body." He pronounces a certain number of times the sacred word, and "his soul escapes from his body, and his body disappears, and the soul of the evoked spirit descends into the *double* body and animates it." Then "His (*Grihastha's*) soul re-enters into his body, whose subtle particles have again been aggregating, after having formed of their emanations an aerial body to the spirit he evoked."

And now, that he has formed for the *Pitri* a body with the particles the most essential and pure of his own, the *grihastha* is allowed, after the ceremonial sacrifice is over, to "converse with the souls of the ancestors and the *Pitris*, and offer them questions on the mysteries of the *Being* and the transformations of the *imperishable*." . . .

"Then after having blown out his lamp he must light it again, and set at liberty the bad spirits shut out from the place by the magical circles, and leave the sanctuary of the *Pitris*." ⁷⁵

The school of Iamblichus was distinct from that of Plotinus and Porphyry, who were strongly against ceremonial magic and practical theurgy as dangerous, though these two eminent men firmly believed in both. "The *theurgic* or *benevolent* magic, and the Goëtic, or dark and evil necromancy, were alike in pre-eminent repute *during the first century* of the Christian era." ⁷⁶ But never have any of the highly moral and pious philosophers, whose fame has descended to us spotless of any evil deed, practised any other kind of magic than the theurgic, or *benevolent*, as Bulwer Lytton terms it. "Whoever is acquainted with the nature of *divinely luminous appearances* (*φάσματα*) knows also on what account it is requisite to abstain from all birds (animal food), and especially for him who hastens to be liberated from terrestrial concerns and to be established with the celestial gods," says Porphyry. ⁷⁷

Though he refused to practise theurgy himself, Porphyry, in his *Life of Plotinus*, mentions a priest of Egypt, who, "at the request of a certain friend of Plotinus (which friend was perhaps Porphyry himself, remarks T. Taylor), exhibited to Plotinus, in the temple of Isis at Rome, the familiar daemon, or, in modern language, the *guardian angel* of that philosopher." ⁷⁸

The popular, prevailing idea was that the theurgists, as well as the magicians, worked wonders, such as evoking the souls or shadows of the heroes and gods, and doing other thaumaturgic works by 'supernatural,' *i. e.*, abnormal powers.

75. *Book of Bráhmancial Evocations*, part iii.

76. Bulwer Lytton: *Last Days of Pompeii*, bk. II, ch. viii.

77. *De Abstinencia*, IV, § 16 (p. 157, Taylor's ed.).

78. *Op. cit.*, p. 92,

YAJÑA.—‘The *Yajña*,’ say the Brāhmanas, exists from eternity, for it proceeded forth from the Supreme One, the *Brahmā-Prajāpati*, in whom it lay dormant from ‘no beginning.’ It is the key to the TRAI-VIDYĀ, the thrice sacred science contained in the *Rig-Veda*, which teaches the *Yajus* or sacrificial mysteries. The *Yajña* exists as an invisible thing at all times; it is like the latent power of electricity in an electrifying machine, requiring only the operation of a suitable apparatus in order to be elicited. It is supposed to extend from the *Āharaniya* or sacrificial fire to the heavens, forming a bridge or ladder by means of which the sacrificer can communicate with the world of gods and spirits, and even ascend when alive to their abodes.⁷⁹

This *Yajña* is again one of the forms of the *Ākāśa*, and the mystic word calling it into existence and pronounced mentally by the initiated Priest is the *Lost Word* receiving impulse through WILL-POWER.

To complete the list we shall now add that in the course of the following chapters, whenever we use the term *Archaic*, we mean before the time of Pythagoras; when *Ancient*, before the time of Mohammed; and when *Medieval*, the period between Mohammed and Martin Luther. It will only be necessary to infringe the rule when from time to time we may have to speak of nations of a pre-Pythagorean antiquity, and shall adopt the common custom of calling them ‘ancient.’

Before closing this initial chapter, we venture to say a few words in explanation of the plan of this work. Its object is not to force upon the public the personal views or theories of its author; nor has it the pretensions of a scientific work, which aims at creating a revolution in some department of thought. It is rather a brief summary of the religions, philosophies, and universal traditions of human kind, and the exegesis of the same, in the spirit of those secret doctrines, of which none — thanks to prejudice and bigotry — have reached Christendom in so un-mutilated a form as to secure it a fair judgment. Since the days of the unlucky medieval philosophers, the last to write upon these secret doctrines of which they were the depositaries, few men have dared to brave persecution and prejudice by placing their knowledge upon record. And these few have never, as a rule, written for the public, but only for those of their own and succeeding times who possessed the key to their jargon. The multitude, not understanding them or their doctrines, have been accustomed to regard them *en masse* as either charlatans or dreamers. Hence the unmerited contempt into which the study of the noblest of sciences — that of the spiritual man — has gradually fallen.

79. Haug: *Āitareya-Brāhmanam*, Introd., p. 74.

In undertaking to inquire into the assumed infallibility of Modern Science and Theology, the author has been forced, even at the risk of being thought discursive, to make constant comparison of the ideas, achievements, and pretensions of their representatives, with those of the ancient philosophers and religious teachers. Things the most widely separated as to time, have thus been brought into immediate juxtaposition, for only thus could the priority and parentage of discoveries and dogmas be determined. In discussing the merits of our scientific contemporaries, their own confessions of failure in experimental research, of baffling mysteries, of missing links in their chains of theory, of inability to comprehend natural phenomena, of ignorance of the laws of the causal world, have furnished the basis for the present study. Especially (since Psychology has been so much neglected, and the East is so far away that few of our investigators will ever get there to study that science where alone it is understood), we shall review the speculations and policy of noted authorities in connexion with those modern psychological phenomena which began at Rochester and have now overspread the world. *We wish to show how inevitable were their innumerable failures, and how they must continue until these pretended authorities of the West go to the Brâhmanas and Lamaists of the far Orient, and respectfully ask them to impart the alphabet of true science.* We have laid no charge against scientists that is not supported by their own published admissions, and if our citations from the records of antiquity rob some of what they have hitherto viewed as well-earned laurels, the fault is not ours but Truth's. No man worthy of the name of philosopher would care to wear honors that rightfully belong to another.

Deeply sensible of the Titanic struggle that is now in progress between materialism and the spiritual aspirations of mankind, our constant endeavor has been to gather into our several chapters, like weapons into armories, every fact and argument that can be used to aid the latter in defeating the former. Sickly and deformed child as it now is, the materialism of Today is born of the brutal Yesterday. Unless its growth is arrested, it may become our master. It is the bastard progeny of the French Revolution and its reaction against ages of religious bigotry and repression. To prevent the crushing of these spiritual aspirations, the blighting of these hopes, and the deadening of that intuition which teaches us of a God and a hereafter, we must show our false theologies in their naked deformity, and distinguish between divine religion and human dogmas. Our voice is raised for spiritual freedom, and our plea made for enfranchisement from all tyranny, whether of SCIENCE or THEOLOGY.

ISIS UNVEILED

PART ONE — SCIENCE

CHAPTER I

“Ego sum qui sum.”— *An axiom of Hermetic Philosophy*

“We commenced research where modern conjecture closes its faithless wings. And with us, those were the common elements of science which the sages of today disdain as wild chimeras, or despair of as unfathomable mysteries.” — BULWER LYTTON'S *Zanoni*

THERE exists somewhere in this wide world an old Book — so very old that our modern antiquarians might ponder over its pages an indefinite time, and still not quite agree as to the nature of the fabric upon which it is written. It is the only original copy now in existence. The most ancient Hebrew document on occult learning — the *Siphra Dtzeniuthah* — was compiled from it, and that at a time when the former was already considered in the light of a literary relic. One of its illustrations represents the Divine Essence emanating from ADAM⁸⁰ like a luminous arc proceeding to form a circle; and then, having attained the highest point of its circumference, the ineffable Glory bends back again, and returns to earth, bringing a higher type of humanity in its vortex. As it approaches nearer and nearer to our planet, the Emanation becomes more and more shadowy, until upon touching the ground it is as black as night.

A conviction, founded upon *seventy* thousand years of experience,⁸¹ as they allege, has been entertained by Hermetic philosophers of all periods that matter has in time become, through sin, more gross and dense than it was at man's first formation; that, at the beginning, the human body was of a half-ethereal nature; and that, before the fall, man-

80. The name is used in the sense of the Greek word *άνθρωπος*.

81. The traditions of the Oriental Kabalists claim their science to be older than that. Modern scientists may doubt and reject the assertion. They *cannot* prove it false.

kind communed freely with the now unseen universes. But since that time matter has become the formidable barrier between us and the world of spirits. The oldest esoteric traditions also teach that, before the mystic Adam, many races of human beings lived and died out, each giving place in its turn to another. Were these precedent types more perfect? Did any of them belong to the *winged* race of men mentioned by Plato in *Phaedrus*? It is the special province of science to solve the problem. The caves of France and the relics of the stone age afford a point at which to begin.

As the cycle proceeded, man's eyes were more and more opened, until he came to know "good and evil" as well as the Elohim themselves. Having reached its summit, the cycle began to go downward. When the arc attained a certain point which brought it parallel with the fixed line of our terrestrial plane, the man was furnished by nature with "coats of *skin*," and the Lord God "clothed them."

This same belief in the pre-existence of a far more spiritual race than the one to which we now belong can be traced back to the earliest traditions of nearly every people. In the ancient Quiché manuscript, published by Brasseur de Bourbourg — the *Popol Vuh* ⁸² — the first men are mentioned as a race that could reason and speak, whose sight was unlimited, and who knew all things at once. According to Philo Judæus,⁸³ the air is filled with an invisible host of spirits, some of whom are free from evil and immortal, and others are pernicious and mortal. "From the sons of EL we are descended, and sons of EL must we become again." And the unequivocal statement of the anonymous Gnostic who wrote *The Gospel according to John*, that "as many as received Him," i. e., who followed practically the esoteric doctrine of Jesus, would "become children of God," points to the same belief. (i, 12.) "Is it not written, ye are *gods*?" exclaimed the Master. Plato describes admirably in *Phaedrus* ⁸⁴ the state in which man once was, and what he will become again: before, and after the "loss of his wings"; when "he lived among the gods, a god himself in the airy world." From the remotest periods religious philosophies taught that the whole universe was filled with divine and spiritual beings of divers races. From one of these evolved, in the course of time, ADAM, the primitive man.

The Kalmucks and some tribes of Siberia also describe in their legends earlier creations than our present race. These beings, they say, were possessed of almost boundless knowledge, and in their audacity even threatened rebellion against the Great Chief Spirit. To punish their presumption and humble them, he imprisoned them *in bodies*, and

82. Part II, ch. iii. 83. *De Gigantibus*, § 2, sq.; *De Mundo*, § 3. 84. § 51, sq.

so shut in their senses. From these they can escape but through long repentance, self-purification, and development. Their *Shamans*, they think, occasionally enjoy the divine powers originally possessed by all human beings.

The Astor Library of New York has recently been enriched by a facsimile of an Egyptian Medical Treatise, written in the sixteenth century B. C. (or, more precisely, 1552 B. C.), which, according to the commonly received chronology, is the time when Moses was just twenty-one years of age. The original is written upon the inner bark of *Cyperus papyrus*, and has been pronounced by Professor Schenk, of Leipsic, not only genuine, but also the most perfect ever seen. It consists of a single sheet of yellow-brown papyrus of finest quality, three-tenths of a meter wide, more than twenty meters long, and forming one roll divided into one hundred and ten pages, all carefully numbered. It was purchased in Egypt, in 1872-3, by the archaeologist Ebers, of "a well-to-do Arab from Luxor." The New York *Tribune*, commenting upon the circumstance, says: The papyrus "bears internal evidence of being one of the six *Hermetic Books on Medicine*, named by Clement of Alexandria."

The editor further says: "At the time of Iamblichus, A. D. 363, the priests of Egypt showed forty-two books which they attributed to Hermes (*Tehuti*). Of these, according to that author [Clement], thirty-six contained the history of all human knowledge; the last six treated of anatomy, of pathology, of affections of the eye, of instruments of surgery, and of medicines.⁸⁵ The *Papyrus Ebers* is indisputably one of these ancient Hermetic works."

If so clear a ray of light has been thrown upon ancient Egyptian science, by the accidental (?) encounter of the German archaeologist with one "well-to-do Arab from Luxor," how can we know what sunshine may be let in upon the dark crypts of history by an equally accidental meeting between some other prosperous Egyptian and another enterprising student of antiquity!

The discoveries of modern science do not disagree with the oldest traditions which claim an incredible antiquity for our race. Within the last few years geology, which previously had only conceded that man could be traced as far back as the later neolithic period, has found unanswerable proofs that human existence antedates the last glaciation of Europe — over 250,000 years! A hard nut, this, for Patristic Theology to crack; but an accepted fact with the ancient philosophers.⁸⁶

85. Clement of Alexandria asserted that in his day the Egyptian priests possessed forty-two Canonical Books. (*Strom.*, VI, iv.)

86. [Since *ISIS UNVEILED* was written, the Piltown, Java, Heidelberg, and Galley Hill relics have been judged to range from a million (Pliocene), to 500,000 years back (Pleistocene and later).]

Moreover, fossil implements have been exhumed together with human remains, which show that man hunted in those remote times, and knew how to build a fire. But the forward step has not yet been taken in this search for the origin of the race; science comes to a dead stop, and waits for future proofs. Unfortunately, anthropology and psychology possess no Cuvier; neither geologists nor archaeologists are able to construct, from the fragmentary bits hitherto discovered, the perfect skeleton of the triple man — physical, intellectual, and spiritual. Because the fossil implements of man are found to become more rough and uncouth as geology penetrates deeper into the bowels of the earth, it seems a proof to science that the closer we come to the origin of man, the more savage and brute-like he must be. Strange logic! Does the finding of the remains in the cave of Devon prove that there were no contemporary races then who were highly civilized? When the present population of the earth have disappeared, and some archaeologist belonging to the "coming race" of the distant future shall excavate the domestic implements of one of our Indian or Andaman Island tribes, will he be justified in concluding that mankind in the nineteenth century was "just emerging from the Stone Age?"

It has lately been the fashion to speak of "the untenable conceptions of an uncultivated past." *As though it were possible to hide behind an epigram the intellectual quarries out of which the reputations of so many modern philosophers have been carved!* Just as Tyndall is ever ready to disparage ancient philosophers — for a dressing-up of whose ideas more than one distinguished scientist has derived honor and credit — so the geologists seem more and more inclined to take for granted that all of the archaic races were contemporaneously in a state of dense barbarism. But not all of our best authorities agree in this opinion. Some of the most eminent maintain exactly the reverse. Max Müller, for instance, says: "Many things are still unintelligible to us, and the hieroglyphic language of antiquity records but half of the mind's unconscious intentions. Yet more and more the image of man, in whatever clime we meet him, rises before us, noble and pure from the very beginning; even his errors we learn to understand, even his dreams we begin to interpret. As far as we can trace back the footsteps of man, even on the lowest strata of history, we see the divine gift of a sound and sober intellect belonging to him from the very first, and the idea of a humanity emerging slowly from the depths of an animal brutality can never be maintained again."⁸⁷

As it is claimed to be unphilosophical to inquire into first causes,

87. *Chips from a German Workshop*, Vol. II, p. 7 — 'Comparative Mythology.'

scientists now occupy themselves with considering their physical effects. The field of scientific investigation is therefore bounded by physical nature. When once its limits are reached, enquiry must stop, and their work be recommenced. With all due respect to our learned men, they are like the squirrel upon its revolving wheel, for they are doomed to turn their 'matter' over and over again. Science is a mighty potency, and it is not for us pygmies to question her. But the '*scientists*' are not themselves Science embodied any more than the men of our planet are the planet itself. We have neither the right to demand nor power to compel our 'modern-day philosopher' to accept without challenge a geographical description of the dark side of the moon. But, if in some lunar cataclysm one of her inhabitants should be hurled thence into the attraction of our atmosphere, and land, safe and sound, at Dr. Carpenter's door, he would be indictable as recreant to professional duty if he should fail to set the physical problem at rest.

For a man of science to refuse an opportunity to investigate any new phenomenon, whether it comes to him in the shape of a man from the moon, or a ghost from the Eddy homestead, is alike reprehensible.

Whether arrived at by the method of Aristotle, or that of Plato, we need not stop to inquire; but it is a fact that both the inner and outer natures of man are claimed to have been thoroughly understood by the ancient andrologists. Notwithstanding the superficial hypotheses of geologists, we are beginning to have almost daily proofs in corroboration of the assertions of those philosophers.

They divided the interminable periods of human existence on this planet into cycles, during each of which mankind gradually reached the culminating point of highest civilization and gradually relapsed into abject barbarism. To what eminence the race in its progress had several times arrived may be feebly surmised by the wonderful monuments of old, still visible, and the descriptions given by Herodotus of other marvels of which no traces now remain.⁸⁸ Even in his days the gigantic structures of many pyramids and world-famous temples were but masses of ruins. Scattered by the unrelenting hand of time, they are described by the Father of History as "these venerable witnesses of the long bygone glory of departed ancestors." He "shrinks from speaking of divine things," and gives to posterity but an imperfect description from hearsay of some marvelous subterranean chambers of the Labyrinth, where lay — and now lie — concealed the sacred remains of the King-Initiates.

We can judge, moreover, of the lofty civilization reached in some

88. Euterpe, § 148, *sq.*

periods of antiquity by the historical descriptions of the ages of the Ptolemies, yet in that epoch the arts and sciences were considered to be degenerating, and the secret of a number of the former had been already lost. In the recent excavations of Mariette-Bey, at the foot of the Pyramids, statues of wood and other relics have been exhumed, which show that long before the period of the first dynasties the Egyptians had attained to a refinement and perfection which is calculated to excite the wonder of even the most ardent admirers of Grecian art. Bayard Taylor describes these statues in one of his lectures, and tells us that the beauty of the heads, ornamented with eyes of precious stones and copper eyelids, is unsurpassed. Far below the stratum of sand in which lay the remains gathered into the collections of Lepsius, Abbott, and the British Museum, were found buried the tangible proofs of the Hermetic doctrine of cycles which has been already explained.

Dr. Schliemann, the enthusiastic Hellenist, has recently found, in his excavations in the Troad, abundant evidences of the same gradual change from barbarism to civilization, and from civilization to barbarism again. Why then should we feel so reluctant to admit the possibility that, if the antediluvians were so much better versed than ourselves in certain sciences as to have been perfectly acquainted with important arts, which we now term *lost*, they might have equally excelled in psychological knowledge? Such a hypothesis must be considered as reasonable as any other until some countervailing evidence shall be discovered to destroy it.

Every true *sarant* admits that in many respects human knowledge is yet in its infancy. Can it be that our cycle began in ages comparatively recent? *These cycles*, according to the Chaldaean philosophy, *do not embrace all mankind at one and the same time*. Professor Draper partially corroborates this view by saying that the periods into which geology has "found it convenient to divide the progress of man in civilization are not abrupt epochs which hold good simultaneously for the whole human race"; giving as an instance the "wandering Indians of America," who "are only at the present moment emerging from the stone age."⁸⁰ Thus more than once scientific men have unwittingly confirmed the testimony of the ancients.

Any Kabalist well acquainted with the Pythagorean system of numerals and geometry can demonstrate that the metaphysical views of Plato were based upon the strictest mathematical principles. "True mathematics," says the *Magicon*,⁸⁰ "is something with which all higher sciences are connected; common mathematics is but a deceitful phan-

80. *Conflict between Religion and Science*, ch. vii, p. 199.

90. Leipsic, 1784.

tasmagoria, whose much-praised infallibility only arises from this — that materials, conditions, and references are made its foundation." Scientists who believe they have adopted the Aristotelian method only because they creep when they do not run from demonstrated particulars to universals, glorify this method of inductive philosophy, and reject that of Plato, which they treat as unsubstantial. Professor Draper laments that such speculative mystics as Ammonius Saccas and Plotinus should have taken the place "of the severe geometers of the old museum."⁹¹ He forgets that geometry, of all sciences the only one which proceeds from universals to particulars, was precisely the method employed by Plato in his philosophy. As long as exact science confines its observations to physical conditions and proceeds Aristotle-like, it certainly cannot fail. But notwithstanding that the world of matter is boundless for us, it still is finite; and thus materialism will turn forever in this vitiated circle, unable to soar higher than the circumference will permit. The cosmological theory of numerals which Pythagoras learned from the Egyptian hierophants, is alone able to reconcile the two units, matter and spirit, and cause each to demonstrate the other mathematically.

The sacred numbers of the universe in their esoteric combination solve the great problem and explain the theory of radiation and the cycle of the emanations. The lower orders before they develop into higher ones must emanate from the higher spiritual ones, and when arrived at the turning-point, be reabsorbed again into the infinite.

Physiology, like everything else in this world of constant evolution, is subject to the cyclic revolution. As it now seems to be hardly emerging from the shadows of the lower arc, so it may be one day proved to have been at the highest point of the circumference of the circle far earlier than the days of Pythagoras.

Mochus, the Sidonian, the physiologist and teacher of the science of anatomy, flourished long before the Sage of Samos;⁹² and the latter received the sacred instructions from his disciples and descendants. Pythagoras, the pure philosopher, the deeply-versed in the profounder phenomena of nature, the noble inheritor of the ancient lore, whose great aim was to free the soul from the fetters of sense and force it to realize its powers, must live eternally in human memory.

The impenetrable veil of arcane secrecy was thrown over the sciences taught in the sanctuary. This is the cause of the modern depreciating of the ancient philosophies. Even Plato and Philo Judaeus have been

91. *Conflict between Religion and Science*, ch. i, p. 26.

92. Before the Trojan times. Cf. Strabo, bk. XVI, c. ii, § 24.

accused by many a commentator of absurd inconsistencies, whereas the design which underlies the maze⁹³ of metaphysical contradiction so perplexing to the reader of the *Timaeus*, is but too evident. But has Plato ever been read understandingly by one of the expounders of the classics? This is a question warranted by the criticisms to be found in such authors as Stalbaum, Schleiermacher, Ficinus (Latin translation), Heindorf, Sydenham, Buttman, Taylor and Burges, to say nothing of lesser authorities. The covert allusions of the Greek philosopher to esoteric things have manifestly baffled these commentators to the last degree. They not only with unblushing coolness suggest as to certain difficult passages that another phraseology was evidently intended, but they audaciously make the changes! The Orphic line:

"Of the song the order in the *sixth* race close,"

which can only be interpreted as a reference to the *sixth* race evolved in the consecutive evolution of the spheres,⁹⁴ Burges says: ". . . was evidently taken from a cosmogony *where man was feigned to be created the last.*"⁹⁴ — Ought not one who undertakes to edit another's works at least understand what his author means?

Indeed, the ancient philosophers seem to be generally held, even by the least prejudiced of our modern critics, to have lacked that profundity and thorough knowledge in the exact sciences of which our century is so boastful. It is even questioned whether they understood that basic scientific principle: *ex nihilo nihil fit*. If they suspected the indestructibility of matter at all — say these commentators — it was not in consequence of a firmly-established formula, but only through an intuitional reasoning and by analogy.

We hold to the contrary opinion. The speculations of these philosophers upon matter were open to public criticism: but their teachings in regard to spiritual things were profoundly esoteric. Being thus sworn to secrecy and religious silence upon abstruse subjects involving the relations of spirit and matter, they rivaled each other in their ingenious methods for concealing their real opinions.

The doctrine of *Metempsychosis* has been abundantly ridiculed by men of science and rejected by theologians, yet if it had been properly understood in its application to the indestructibility of matter and the immortality of spirit, it would have been perceived that it is a sublime conception. Should we not first regard the subject from the standpoint

93. In another place we explain with some minuteness the Hermetic philosophy of the evolution of the spheres and their several races.

94. J. Burges: *Plato*, vol. IV, p. 107, footnote: Bohn's Class. Libr.

of the ancients before venturing to disparage its teachers? The solution of the great problem of *eternity* belongs neither to religious superstition nor to gross materialism. The harmony and mathematical equiformity of the double evolution — spiritual and physical — are elucidated only in the universal numerals of Pythagoras, who built his system entirely upon the so-called 'metrical speech' of the Hindū *Vedas*. It is but lately that one of the most zealous Sanskrit scholars, Martin Haug, undertook the translation of the *Aitareya-Brāhmanam* of the *Rig-Veda*. It had been till that time entirely unknown; these explanations indicate beyond dispute the identity of the Pythagorean and Brāhmanical systems. In both, the esoteric significance is derived from the number: in the former, from the mystic relation of every number to everything intelligible to the human mind; in the latter, from the number of syllables of which each verse in the *Mantras* consists. Plato, the ardent disciple of Pythagoras, realized it so fully as to maintain that the Dodecahedron was the geometrical figure employed by the Demiurge in constructing the universe.⁹⁵ Some of these figures had a peculiarly solemn significance. For instance *four*, of which the Dodecahedron is the trine, was held sacred by the Pythagoreans. It is the perfect square, and neither of the bounding lines exceeds the other in length, by a single point. It is the emblem of moral justice and divine equity geometrically expressed. All the powers and great symphonies of physical and spiritual nature lie inscribed within the perfect square; and the ineffable name of Him, which name otherwise would remain unutterable, was replaced by this sacred number 4, the most binding and solemn oath with the ancient mystics — the *Tetraktys*.

If the Pythagorean metempsychosis should be thoroughly explained and compared with the modern theory of evolution, it would be found to supply every 'missing link' in the chain of the latter. But who of our scientists would consent to lose his precious time over the vagaries of the ancients? Notwithstanding proofs to the contrary, they not only deny that the nations of the archaic periods, but even the ancient philosophers, had any positive knowledge of the Heliocentric system. The 'Venerable Bedes,' the Augustines and Lactantii appear to have smothered, with their dogmatic ignorance, all faith in the more ancient theologians of the pre-Christian centuries. But now philology and a closer acquaintance with Sanskrit literature have partially enabled us to vindicate them from these unmerited imputations. In the *Vedas*, for instance, we find positive proof that so long ago as 2000 B. C. the Hindū sages and scholars must have been acquainted with the rotundity of our globe and the Heliocentric system. Hence, Pythagoras and Plato

95. *Timæus*, § 29.

knew well this astronomical truth; for Pythagoras obtained his knowledge in India, or from men who had been there, and Plato faithfully echoed his teachings. We shall quote two passages from the *Āitareya-Brāhmanam*:

In the '*Serpent-Mantra*,'⁹⁶ the *Brāhmana* declares as follows: that this *Mantra* is that one which was seen by the Queen of the Serpents, *Sarpa-rājñī*; because the earth (*īyam*) is the Queen of the Serpents, as she is the mother and queen of all that moves (*sarpati*). In the beginning she (the earth) was but one head (round), without hair (*bald*) i. e., without vegetation. She then perceived this *Mantra* which confers upon him who knows it, the power of assuming any form which he might desire. She "pronounced the *Mantra*," i. e., sacrificed to the gods; and, in consequence, immediately obtained a motley appearance; she became variegated, and able to produce any form she might like, *changing one form into another*. This *Mantra* begins with the words: "*Āyam gāuḥ priśnir akramit*" (x, 189).

The description of the earth in the shape of a *round* and *bald* head, which was *soft* at first, and became *hard* only from being breathed upon by the god *Vāyu*, the lord of the air, forcibly suggests the idea that the authors of the sacred Vedic books knew the earth to be *round* or *spherical*; moreover, that it had been a *gelatinous* mass at first, which gradually cooled off under the influence of the air and time. So much for their knowledge about our globe's sphericity; and now we will present the testimony upon which we base our assertion, that the Hindūs were perfectly acquainted with the Heliocentric system, at least 2000 years B. C.

In the same treatise the *Hotar* (priest) is taught how the *Sāstras* should be repeated, and how the phenomena of sunrise and sunset are to be explained. It says: The *Agnishtoma* is that one (that god) who burns. The sun *never sets nor rises*. When people think the sun is setting, it is *not so*; they are mistaken. For after having arrived at the end of the day, it produces two opposite effects, making night to what is below, and day to what is on the other side. When they (the people) believe it rises in the morning, the sun only does thus: having reached the end of the night, it makes itself produce two opposite effects, making day to what is below, and night to what is on the other side. In fact the sun never sets; nor does it set for him who has such a knowledge.⁹⁷

This sentence is so conclusive that even the translator of the *Āitareya-Brāhmanam*, Dr. Haug, was forced to remark it. He says this passage contains "the *denial* of the existence of sunrise and sunset," and that the author supposes the sun "to remain always in its high position."⁹⁸

96. From the Sanskrit text of the *Āitareya-Brāhmanam*, bk. V, ch. iv, § 23.

97. *Ibid.*, III, iv, 44.

98. *Ibid.*, Haug edition, vol. II, p. 242, note.

In one of the earliest *Nivids*, Rishi Kutsa, a Hindû sage of the remotest antiquity, explains the allegory of the first laws given to the celestial bodies. For doing "what she ought not to do," *Anâhita* (*Anaitis* or *Nana*, the Persian Venus), representing the earth in the legend, is sentenced to turn round the sun. The *Sattras*, or sacrificial sessions⁹⁹ prove undoubtedly that so early as in the eighteenth or twentieth century B. C., the Hindûs had made considerable progress in astronomical science. The *Sattras* lasted one year, and were "nothing but an imitation of the sun's yearly course. They were divided into two distinct parts, each consisting of six months of thirty days each; in the midst of both was the *Vishuvam* (equator or central day), cutting the whole *Sattra* into two halves, etc."¹⁰⁰ This scholar, although he ascribes the composition of the bulk of the *Brâhmanas* to the period 1400-1200 B. C., is of opinion that the oldest of the hymns may be placed at the very commencement of Vedic literature, between the years 2400-2000 B. C. He finds no reason for considering the *Vedas* less ancient than the sacred books of the Chinese.¹⁰¹ As the *Shu-King* or *Book of History*, and the sacrificial songs of the *Shi-King* or *Book of Odes*, have been proved to have an antiquity as early as 2200 B. C., our philologists may yet be compelled before long to acknowledge that in astronomical knowledge the antediluvian Hindûs were their masters.

At all events, there are facts which prove that certain astronomical calculations were as correct with the Chaldeans in the days of Julius Caesar as they are now. When the calendar was reformed by the Conqueror, the civil year was found to correspond so little with the seasons, that summer had merged into the autumn months, and the autumn months into full winter. It was Sosigenes, the Chaldean astronomer, who restored order into the confusion, by putting back the 25th of March ninety days, thus making it correspond with the vernal equinox; and it was Sosigenes, again, who fixed the lengths of the months *as they now remain*.

In America, it was found by the Montezuman army that the calendar of the Aztecs gave an equal number of days and weeks to each month. The extreme accuracy of their astronomical calculations was so great, that *no error* has been discovered in their reckoning by subsequent verifications; while the Europeans, who landed in Mexico in 1519, were, by the Julian calendar, nearly eleven days in advance of the exact time.

It is to the priceless and accurate translations of the Vedic Books, and to the personal researches of Dr. Haug, that we are indebted for the

99. *Âit.-Brâhm.*, IV. 100. Haug: *Âit.-Brâhm.*, Introd., p. 46. 101. *Ibid.*, p. 47.

corroboration of the claims of the Hermetic philosophers. That the period of Zarathustra Spitama (Zoroaster) was of untold antiquity, can be easily proved. The *Bráhmaṇas*, to which Haug ascribes three thousand years, describe the religious contest between the ancient Hindûs, who lived in the pre-Vedic period, and the Iranians. The battles between the *Devas* and the *Asuras* — the former representing the *Hindûs* and the latter the *Iranians* — are described at length in the sacred books. As the Iranian prophet was the first to raise himself against what he called the 'idolatry' of the *Bráhmaṇas*, and to designate them as the *Devas* (devils), how far back must then have been this religious crisis?

"This contest," answers Dr. Haug, "must have appeared to the authors of the *Bráhmaṇas* as old as the feats of King Arthur appear to English writers of the nineteenth century."

There was not a philosopher of any notoriety who did not hold to this doctrine of metempsychosis, as taught by the *Bráhmaṇas*, Buddhists, and later by the Pythagoreans, in its esoteric sense, whether he expressed it more or less intelligibly. Origen and Clemens Alexandrinus, Synesius and Chalcidius, all believed in it; and the Gnostics, who are unhesitatingly proclaimed by history as a body of the most refined, learned, and enlightened men,¹⁰² were all believers in metempsychosis. Socrates entertained opinions identical with those of Pythagoras; and both, as the penalty of their divine philosophy, were put to a violent death. The rabble has been the same in all ages. Materialism has been and will ever be blind to spiritual truths. These philosophers held, with the Hindûs, that God had infused into matter a portion of his own Divine Spirit, which animates and moves every particle. They taught that men have *two souls*, of separate and quite different natures: the one perishable — the Astral Soul, or the inner, fluidic body — the other incorruptible and immortal — the *Augoeides*, or portion of the Divine Spirit; that the mortal or Astral Soul perishes at each gradual change at the threshold of every new sphere, becoming with every transmigration more purified. The astral man, intangible and invisible as he might be to our mortal, earthly senses, is still constituted of matter, though sublimated. Aristotle, notwithstanding that for political reasons of his own he maintained a prudent silence as to certain esoteric matters, expressed very clearly his opinion on the subject. It was his belief that human souls are emanations of God, that are finally re-absorbed into Divinity. Zeno, the founder of the Stoics, taught that there are "two eternal qualities throughout nature: the one active, or male, the other passive, or female: that the

102. See Gibbon's *Decline and Fall of the Roman Empire*, vol. I, ch. xv.

former is pure, subtle ether, or Divine Spirit; the other entirely inert in itself till united with the active principle. That the Divine Spirit acting upon matter produced fire, water, earth, and air; and that it is the sole efficient principle by which all nature is moved. The Stoics, like the Hindû sages, believed in the final absorption.¹⁰³ Justin believed in the emanation of these souls from Divinity, and Tatian, the Assyrian, his disciple, declared that "man was as immortal as God himself."¹⁰⁴

That profoundly significant verse of the *Genesis*, "And to every beast of the earth, and to every fowl of the air, and to everything that creepeth upon the earth, I gave a *living soul*," should arrest the attention of every Hebrew scholar capable of reading the Scripture in its original, instead of following the erroneous translation, in which the phrase reads, "wherein *there is life*."¹⁰⁵

From the first to the last chapters, the translators of the Jewish Sacred Books misconstrued this meaning. They have even changed the spelling of the name of God, as Sir Wm. Drummond proves. Thus *El*, if written correctly, would read *Al*, for it stands in the original אל — *Al*, and, according to Higgins, this word means the god Mithra, the *Sun*, the preserver and savior. Sir Wm. Drummond shows that *Beth-El* means the House of the *Sun* in its literal translation, and not of God. "*El*, in the composition of these Canaanite names, does not signify *Deus*, but *Sol*."¹⁰⁶ Thus Theology has disfigured ancient Theosophy, and Science ancient Philosophy.¹⁰⁷

For lack of comprehension of this great philosophical principle, the methods of modern science, however exact, must end in nullity. In no one branch can it demonstrate the origin and ultimate of things. Instead of tracing the effect from its primal source, its progress is the reverse. Its higher types, as it teaches, are all evolved from antecedent lower ones. It starts from the bottom of the cycle, led on step by step in the great labyrinth of nature by a thread of matter. As soon as this breaks and the clew is lost, it recoils in affright from the Incomprehensible, and

103. Diog. Laert.: *Vita Zenonis*, § 68 sq.

104. *Address to Greeks*, §15

105. *Gen.*, i, 30.

106. Sir Wm. Drummond: *Oedip. Judaic.*, pp. 221, 270.

107. The absolute necessity for the perpetration of such pious frauds by the early fathers and later theologians becomes apparent, if we consider that if they had allowed the word *Al* to remain as in the original, it would have become but too evident — except for the initiated — that the *Jehorah* of Moses and the *Sun* were identical. The multitudes, which ignore that the ancient hierophant considered our *visible* Sun but as an emblem of the central, invisible, and Spiritual Sun, would have accused Moses — as many of our modern commentators have already done — of worshiping the planetary bodies; in short, of actual Sabaism.

confesses itself *powerless*. Not so did Plato and his disciples. With him *the lower types were but the concrete images of the higher abstract ones*. The soul, which is immortal, has an arithmetical, as the body has a geometrical, beginning. This beginning, as the reflexion of the great universal ARCHAEUS, is self-moving, and from the center diffuses itself over the whole body of the microcosm.

It was the sad perception of this truth that made Tyndall confess how powerless is science, even over the world of matter. "The first marshaling of the atoms, on which all subsequent action depends, baffles a keener power than that of the microscope. Through pure excess of complexity, and long before observation can have any voice in the matter, the most highly trained intellect, the most refined and disciplined imagination, *retires in bewilderment from the contemplation of the problem*. We are struck dumb by an astonishment which no microscope can relieve, doubting not only the power of our instrument, but even whether we ourselves possess the intellectual elements which will ever enable us to grapple with the ultimate structural energies of nature."¹⁰⁸

The fundamental geometrical figure of the Kabala — that figure which tradition and the esoteric doctrines tell us was given by the Deity itself to Moses on Mount Sinai¹⁰⁹ — contains in its grandiose, because simple combination, the key to the universal problem. This figure contains in itself all the others. For those who are able to master it, there is no need to exercise imagination. No earthly microscope can be compared with the keenness of the spiritual perception.

And even for those who are unacquainted with the GREAT SCIENCE, the description given by a well-trained child-psychometer of the genesis of a grain, a fragment of crystal, or any other object — is worth all the telescopes and microscopes of 'exact science.'

There may be more truth in the adventurous pangensis of Darwin — whom Tyndall calls a "soaring speculator" — than in the cautious, line-bound hypothesis of the latter; who, in common with other thinkers of his class, surrounds his imagination "by the firm frontiers of reason." The theory of a microscopic germ which contains in itself "a world of minor germs," soars in one sense at least into the infinite. It oversteps the world of matter, and begins unconsciously busying itself in the world of spirit.

If we accept Darwin's theory of the development of species, we find that his starting-point is placed in front of an open door. We are at liberty with him, either to remain within, or cross the threshold, beyond

108. *Fragments of Science*: 'Scientific Use of the Imagination.' 109. *Exod.*, xxiv, 40.

which lies the limitless and the incomprehensible, or rather the *Unutterable*. If our mortal language is inadequate to express what our spirit dimly foresees in the great '*Beyond*' — while on this earth — it *must* realize it as some point in the timeless Eternity.

Not so with Professor Huxley's theory of the 'Physical Basis of Life.' Regardless of the formidable majority of 'nays' from his German brother-scientists, he creates a 'universal *protoplasm* and appoints its cells to become henceforth the sacred founts of the principle of all *life*. By making the latter identical in living man, "dead mutton," a nettle-sting, and a lobster; by shutting in, in the molecular cell of the protoplasm, the life-principle, and by shutting out from it the divine influx which comes with subsequent evolution, he closes every door against any possible escape. Like an able tactician he converts his '*laws* and *facts*' into sentries whom he causes to mount guard over every issue. The standard under which he rallies them is inscribed with the word 'necessity'; but hardly is it unfurled when he mocks the legend and calls it "an empty shadow of my own imagination."¹¹⁰

The fundamental doctrines of spiritualism, he says, "lie outside the limits of philosophical inquiry." We are bold enough to contradict this assertion, and say that they lie a great deal more within such inquiry than Mr. Huxley's protoplasm. Inasmuch as they present evident and palpable facts of the existence of *spirit*; while the protoplasmic cells, *once dead*, present none whatever of being the originators or the bases of life, as this one of the few 'foremost thinkers of the day' wants us to believe.¹¹¹

The ancient Kabalist rested upon no hypothesis till he could lay its basis upon the firm rock of recorded experiment.

But the too great dependence upon physical facts led to a growth of materialism and a decadence of spirituality and faith. At the time of Aristotle, this was the prevailing tendency of thought. And though the Delphic commandment was not as yet completely eliminated from Grecian thought; and some philosophers still held that "in order to know what man *is*, we ought to know what man *was*" — still materialism had already begun to gnaw at the root of faith. The Mysteries themselves had degenerated in a very great degree into mere priestly speculations and religious fraud. Few were the true adepts and initiates, the heirs and descendants of those who had been dispersed by the conquering swords of various invaders of Old Egypt.

The time predicted by the great Hermes in his dialog with Aescu-

110. *The Physical Basis of Life*. A Lecture by T. H. Huxley, p. 144. 111. *Ibid*.

lapius had indeed come;¹¹² the time when impious foreigners would accuse Egypt of adoring monsters, and naught but the letters engraved in stone upon her monuments would survive — enigmas incredible to posterity. Their sacred scribes and hierophants were wanderers upon the face of the earth. Obligated from fear of a profanation of the sacred mysteries to seek refuge among the Hermetic fraternities — known later as the *Essenes* — their esoteric knowledge was buried deeper than ever. The triumphant brand of Aristotle's pupil swept away from his path of conquest every vestige of a once pure religion, and Aristotle himself, the type and child of his epoch, though instructed in the secret science of the Egyptians, knew but little of this crowning result of millenniums of esoteric studies.

As well as those who lived in the days of the Psammetics, our present-day philosophers 'lift the Veil of Isis' — for Isis is but the symbol of nature. But, they see only her physical forms. The soul within escapes their view; and the Divine Mother has no answer for them. There are anatomists who, uncovering to sight no indwelling spirit under the layers of muscles, the network of nerves, or the cineritious matter, which they lift with the point of the scalpel, assert that man has no soul. Such are as purblind in sophistry as the student who, confining his research to the cold letter of the Kabala, dares say it has no vivifying spirit. To see the true man who once inhabited the subject which lies before him, on the dissecting table, the surgeon must use other eyes than those of his body. So the glorious truth covered up in the hieratic writings of the ancient papyri can be revealed only to him who possesses the faculty of intuition — which, if we call reason the eye of the mind, may be defined as the eye of the soul.

Our modern science acknowledges a Supreme Power, an Invisible Principle, but denies a Supreme Being, or Personal God.¹¹³ Logically, the difference between the two might be questioned; for in this case *the Power and the Being are identical*. Human reason can hardly imagine to itself an Intelligent Supreme Power without associating it with the idea of an Intelligent Being. The masses can never be expected to have a clear conception of the omnipotence and omnipresence of a Supreme God, without investing with those attributes a gigantic projection of their own personality. But the kabalists have never looked upon the invisible EN-SOPH otherwise than as a *Power*.

So far our modern positivists have been anticipated by thousands of ages, in their cautious philosophy. What the Hermetic adept claims to

112. Cf. Ménard: *Hermès Trismégiste*, liv. II^{me}, § ix: Paris, 1910.

113. Draper: *Conflict between Religion and Science*, ch. i, p. 24.

demonstrate is, that simple common sense precludes the possibility that the universe is the result of mere chance. Such an idea appears to him more absurd than to think that the problems of Euclid were unconsciously formed by a monkey playing with geometrical figures.

Very few Christians understand, if indeed they know anything at all of the Jewish Theology. The *Talmud* is the darkest of enigmas even for most Jews, while those Hebrew scholars who do comprehend it do not boast of their knowledge. Their kabalistic books are still less understood by them; for in our days more Christian than Jewish students are engrossed in the extraction of their great truths. How much less is definitely known of the Oriental, or the universal Kabala! Its adepts are few; but these heirs elect of the sages who first discovered "the starry truths which shone on the great Shemaia of the Chaldaean lore" ¹¹⁴ have solved the 'absolute,' and are now resting from their grand labor. They cannot go beyond that which is given to mortals of this earth to know; and no one, not even these elect, can trespass beyond the line drawn by the finger of the Divinity itself. Travelers have met these adepts on the shores of the sacred Ganges, brushed against them in the silent ruins of Thebes, and in the mysterious deserted chambers of Luxor. Within the halls upon whose blue and golden vaults the weird signs attract attention, but whose secret meaning is never penetrated by the idle gazers, they have been seen but seldom recognised. Historical memoirs have recorded their presence in the brilliantly illuminated *salons* of European aristocracy. They have been encountered again on the arid and desolate plains of the Great Sahara, as in the caves of Elephanta. They may be found everywhere, but make themselves known only to those who have devoted their lives to unselfish study, and are not likely to turn back.

Maimonides, the great Jewish theologian and historian, who at one time was almost deified by his countrymen and afterward treated as a heretic, remarks that the more absurd and void of sense the *Talmud* seems, the more sublime is the secret meaning. This learned man has successfully demonstrated that the Chaldaean Magic, the science of Moses and other learned thaumaturgists was wholly based on an extensive knowledge of the various and now forgotten branches of natural science. Thoroughly acquainted with all the resources of the vegetable, animal, and mineral kingdoms, experts in occult chemistry and physics, psychologists as well as physiologists, why wonder that the graduates or adepts instructed in the mysterious sanctuaries of the temples, could perform wonders, which even in our days of enlightenment would appear 'super-

114. Bulwer Lytton: *Zanoni*, II. v.

natural'? It is an insult to human nature to brand magic and the occult science with the name of imposture. To believe that for so many thousands of years, one-half of mankind practised deception and fraud on the other half, is equivalent to saying that the human race was composed only of knaves and incurable idiots. Where is the country in which magic was not practised? At what age was it wholly forgotten?

In the oldest documents now in our possession — the *Vedas* and the older laws of Manu — we find many magical rites practised and permitted by the Brāhmanas.¹¹⁵ Tibet, Japan and China teach in the present age that which was taught by the oldest Chaldeans. The clergy of these respective countries prove moreover what they teach, namely: that the practice of moral and physical purity, and of certain austerities, develops the vital soul-power of self-illumination. Affording to man the control over his own immortal spirit, it gives him truly magical powers over the elementary spirits inferior to himself. In the West we find magic of as high an antiquity as in the East. The Druids of Great Britain practised it in the silent crypts of their deep caves; and Pliny devotes many a chapter to the 'wisdom'¹¹⁶ of the leaders of the Celts. The Semothees — the Druids of the Gauls — expounded the physical as well as the spiritual sciences. They taught the secrets of the universe, the harmonious progress of the heavenly bodies, the formation of the earth, and above all — the immortality of the soul.¹¹⁷ Into their sacred groves — natural academies built by the hand of the Invisible Architect — the initiates assembled at the still hour of midnight to learn about what man once was and what he will be.¹¹⁸ They needed no artificial illumination, nor life-drawing gas, to light up their temples, for the chaste goddess of night beamed her most silvery rays on their oak-crowned heads; and their white-robed sacred bards knew how to converse with the solitary queen of the starry vault.¹¹⁹

On the dead soil of the long by-gone past stand their sacred oaks, now dried up and stripped of their spiritual meaning by the venomous breath of materialism. But for the student of occult learning, their vegetation is still as verdant and luxuriant, and as full of deep and sacred truths, as at that hour when the arch-druid performed his magical cures, and, waving the branch of mistletoe, severed with his golden sickle the green bough from its mother oak-tree. *Magic is as old as man.* It is

115. See the Code published by Sir Wm. Jones, chapters vi, xi.

116. Pliny: *Nat. Hist.*, XXX, 1, 4; XVI, 14; XXIX, 12, etc.

117. Pomponius Mela (*De Situ Orbis*) ascribes to them the knowledge of the highest sciences.

118. Caesar, VI, 14.

119. Pliny: *Nat. Hist.*, XVI, 95; XXX, 4.

as impossible to name the time when it sprang into existence as to indicate on what day the first man himself was born. Whenever a writer has started with the idea of connecting its first foundation in a country with some historical character, further research has proved his views groundless. Odin, the Scandinavian priest and monarch, was thought by many to have originated the practice of magic some seventy years B. C. But it was easily demonstrated that the mysterious rites of the priestesses called *Völvas*, *Valas*, were greatly anterior to his age.¹²⁰ Some modern authors were bent on proving that Zoroaster was the founder of magic, because he was the founder of the Magian religion. Ammianus Marcellinus, Arnobius, Pliny, and other ancient historians demonstrated conclusively that he was but a reformer of Magic as practised by the Chaldaeans and Egyptians.¹²¹

The greatest teachers of divinity agree that nearly all ancient books were written symbolically and in a language intelligible only to the initiated. The biographical sketch of Apollonius of Tyana affords an example. As every Kabalist knows, it embraces the whole of the Hermetic philosophy, being a counterpart in many respects of the traditions left us of King Solomon. It reads like a fairy story, but, as in the case of the latter, sometimes facts and historical events are presented to the world under the colors of a fiction. The journey to India represents allegorically the trials of a neophyte. His long discourses with the Brâhmanas, their sage advice, and the dialogs with the Corinthian Menippus would, if interpreted, give the esoteric catechism. His visit to the empire of the wise men, and interview with their king Iarchas, the oracle of Amphiaraus, explain symbolically many of the secret dogmas of Hermes. They would disclose, if understood, some of the most important secrets of nature. Éliphas Lévi points out the great resemblance which exists between King Iarchas and the fabulous Hiram, of whom Solomon procured the cedars of Lebanon and the gold of Ophir. We should like to know whether modern Masons, even 'Grand Lecturers' and the most intelligent craftsmen belonging to important lodges, understand who the *Hiram* is whose death they combine together to avenge?

Putting aside the purely metaphysical teachings of the Kabala, if one would devote himself but to physical occultism, to the so-called branch of therapeutics, the results might benefit some of our modern sciences; such as chemistry and medicine. Says Professor Draper: "Sometimes, not

120. Münter, on the most ancient religion of the North before the time of Odin, *Mémoires de la Société des Antiquaires de France*. Tome II, p. 230.

121. Amm. Marcell., XXXIII, vi, § 32; Pliny, XXX, ii; Arnob.: *Adv. Gent.*, I, 5, 52.

without surprise, we meet with ideas *which we flatter ourselves have originated in our own times.*"¹²² This remark, uttered in relation to the scientific writings of the Saracens, would apply still better to the more secret *Treatises* of the ancients. Modern medicine, while it has gained largely in anatomy, physiology, and pathology, and even in therapeutics, has lost immensely by its narrowness of spirit, its rigid materialism, its sectarian dogmatism. One school in its purblindness sternly ignores whatever is developed by other schools; and all unite in ignoring every grand conception of man or nature, developed by Mesmerism, or by American experiments on the brain — every principle which does not conform to a stolid materialism. It would require a convocation of the hostile physicians of the several different schools to bring together what is now known of medical science, and it too often happens that after the best practitioners have vainly exhausted their art upon a patient, a mesmerist or a 'healing medium' will effect a cure! The explorers of old medical literature, from the time of Hippocrates to that of Paracelsus and Van Helmont, will find a vast number of well-attested physiological and psychological facts and of measures or medicines for healing the sick which modern physicians superciliously refuse to employ.¹²³ Even with respect to surgery, modern practitioners have humbly and publicly confessed the total impossibility of their approximating to anything like the marvelous skill displayed in the art of bandaging by ancient Egyptians. The many hundred yards of ligature enveloping a mummy from its ears down to every separate toe, were studied by the chief surgical operators in Paris, and, notwithstanding that the models were before their eyes, they were unable to accomplish anything like it.

In the Abbett Egyptological collection, in New York City, may be seen numerous evidences of the skill of the ancients in various handicrafts; among others the art of lace-making; and, as it could hardly be expected but that the signs of woman's vanity should go side by side with those of man's strength, there are also specimens of artificial hair, and gold ornaments of different kinds. The New York *Tribune*,

122. *Conflict between Religion and Science*, ch. iv, p. 118.

123. In some respects our modern philosophers, who think they make new discoveries, can be compared with "the very clever, learned, and civil gentleman" whom Hippocrates having met at Samos one day, describes very good-naturedly. "He informed me," the Father of Medicine proceeds to say, "that he had lately discovered an herb never before known in Europe or Asia, and that no disease, however malignant or chronic, could resist its marvelous properties. Wishing to be civil in turn, I permitted myself to be persuaded to accompany him to the conservatory in which he had transplanted the wonderful specific. What I found was one of the commonest plants in Greece, namely, garlic — the plant which above all others has least pretensions to healing virtues." Hippocrates: *De optima prædicandi ratione item judicio operum magni*, l.

reviewing the contents of the *Ebers Papyrus*, says: — "Verily, there is no new thing under the sun. . . . Chapters 65, 66, 79, and 89, show that hair invigorators, hair dyes, pain-killers, and flea-powders were desiderata 3400 years ago."

How few of our recent alleged discoveries are in reality new, and how many belong to the ancients, is again most fairly and eloquently though but in part stated by our eminent philosophical writer, Professor John W. Draper. His *Conflict between Religion and Science* — a great book with a very bad title — swarms with such facts. At page 13, he cites a few of the achievements of ancient philosophers, which excited the admiration of Greece. In Babylon was a series of Chaldaean astronomical observations, ranging back through nineteen hundred and three years, which Callisthenes sent to Aristotle. Ptolemy, the Egyptian king-astronomer, possessed a Babylonian record of eclipses going back seven hundred and forty-seven years before our era. As Prof. Draper truly remarks: "Long-continued and close observations were necessary before some of these astronomical results that have reached our times could have been ascertained. Thus the Babylonians had fixed the length of a tropical year within twenty-five seconds of the truth; their estimate of the sidereal year was barely two minutes in excess. They had detected the precession of the equinoxes. They knew the causes of eclipses, and, by the aid of their cycle, called *saros*, could predict them. Their estimate of the value of that cycle, which is more than 6585 days, was within nineteen and a half minutes of the truth.

"Such facts furnish incontrovertible proof of the patience and skill with which astronomy had been cultivated in Mesopotamia, and that, with very inadequate instrumental means, it had reached no inconsiderable perfection. These old observers had made a catalog of the stars, had divided the zodiac into twelve signs; they had parted the day into twelve hours, the night into twelve. They had, as Aristotle says, for a long time devoted themselves to observations of star-occultations by the moon. They had correct views of the structure of the solar-system, and knew the order of emplacement of the planets. They constructed sundials, clepsydras, astrolabes, gnomons."

Speaking of the world of eternal truth that lies "within this world of transient delusions and unrealities," Professor Draper says: "That world is not to be discovered through the vain traditions that have brought down to us the opinions of men who lived in the morning of civilization, nor in the *dreams of mystics* who thought that they were inspired. It is to be discovered by the investigations of *geometry*, and by the *practical interrogations of nature*." ¹²⁴

Precisely. The issue could not be better stated. This eloquent writer tells us a profound truth. He does not, however, tell us *the whole* truth, because he does not know it. He has not described the nature or extent of the knowledge imparted in the Mysteries. No subsequent people has been so proficient in geometry as the builders of the Pyramids and other Titanic monuments, antediluvian and post-diluvian. On the other hand, none has ever equaled them in the practical interrogation of nature.

An undeniable proof of this is the significance of their countless symbols. *Every one of these symbols is an embodied idea — combining the conception of the Divine Invisible with the earthly and visible.* The former is derived from the latter strictly through analogy according to the Hermetic formula — “as below, so it is above.” Their symbols show great knowledge of natural sciences, and a practical study of cosmical power.

As to practical results to be obtained by “the investigations of geometry,” very fortunately for students who are coming upon the stage of action, we are no longer forced to content ourselves with mere conjectures. In our own times, an American, Mr. George H. Felt, of New York, who, if he continues as he has begun, may one day be recognised as the greatest geometer of the age, has been enabled, by the sole help of the premisses established by the ancient Egyptians, to arrive at results which we will give in his own language. “Firstly,” says Mr. Felt, “to establish the fundamental diagram to which all science of elementary geometry, both plane and solid, is referable; to produce arithmetical systems of proportion in a geometrical manner; to identify this figure with all the remains of architecture and sculpture, in all which it had been followed in a marvelously exact manner; to determine that the Egyptians had used it as the basis of all their astronomical calculations, on which their religious symbolism was almost entirely founded; to find its traces among all the remnants of art and architecture of the Greeks; to discover its traces so strongly among the Jewish sacred records, as to prove conclusively that they were founded thereon; to find that the whole system had been discovered by the Egyptians after researches of tens of thousands of years into the laws of nature, and that it might truly be called the science of the Universe.” Further it enabled him “to determine with precision problems in physiology heretofore only surmised; to first develop such a Masonic philosophy as showed it to be conclusively the first science and religion, as it will be the last;” and we may add, lastly, to prove by ocular demonstrations that the Egyptian sculptors and architects obtained the models for the quaint figures which adorn the façades and ves-

tibules of their temples, not in the disordered fantasies of their own brains, but from the "viewless races of the air," and other kingdoms of nature, whom he, like them, *claims* to make visible by resort to their own chemical and kabalistical processes.

Schweigger proves that the symbols of all the mythologies have a scientific foundation and substance.¹²⁵ It is only through recent discoveries of the physical electro-magnetical powers of nature that such experts in Mesmerism as Ennemoser, Schweigger and Bart, in Germany, Baron Du Potet and Regazzoni, in France and Italy, were enabled to trace with almost faultless accuracy the true relation which each *Theomytos* bore to some one of these powers. The Idaic finger, which had such importance in the magic art of healing, means an iron finger, which is attracted and repulsed in turn by magnetic, natural forces. It produced, in Samothrace, wonders of healing by restoring affected organs to their normal condition.

Bart goes deeper than Schweigger into the significations of the old myths, and studies the subject from both its spiritual and physical aspects. He treats at length of the Phrygian Dactyls, those "magicians and exorcists of sickness," and of the Kabeirian Theurgists. He says: "While we treat of the close union of the Dactyls and magnetic forces, we are not necessarily confined to the magnetic stone, and our views of nature but take a glance at magnetism in its whole meaning. Then it is clear how the initiated, who called themselves *Dactyls*, created astonishment in the people through their magic arts, working as they did marvels of a healing nature. To this united themselves many other things which the priesthood of antiquity was wont to practise; the cultivation of the land and of morals, the advancement of art and science, mysteries, and secret consecrations. All this was done by the priestly Cabiri, and *wherefore not guided and supported by the secret spirits of nature?*"¹²⁶ Schweigger is of the same opinion, and demonstrates that the phenomena of ancient Theurgy were produced by magnetic powers "under the guidance of spirits."

Despite their apparent Polytheism, the ancients — those of the educated class at all events — were entirely monotheistical; and this, too, ages upon ages before the days of Moses. In the *Ebers Papyrus* this fact is shown conclusively in the following words, translated from the first four lines of Plate I: "I came from Heliopolis with the great ones from *Het-âat*, the Lords of Protection, the masters of eternity and salvation. I came from Sais with the Mother-goddesses, who

125. Schweigger: *Introduction to Mythology through Natural History*: Halle, 1836.

126. Ennemoser: *History of Magic*, II, p. 65: London, 1854.

extended to me protection. *The Lord of the Universe* told me how to free the gods from all murderous diseases." *Eminent men were called gods by the ancients.* The deification of mortal men and supposititious gods is no more a proof against their monotheism than the monument-building of modern Christians, who erect statues to their heroes, is proof of their polytheism. Americans of the present century would consider it absurd in their posterity 3000 years hence to classify them as idolaters for having built statues to their god Washington. So shrouded in mystery was the Hermetic Philosophy that Volney asserted that the ancient peoples worshiped their gross material symbols as divine in themselves; whereas these were only considered as representing esoteric principles. Dupuis, also, after devoting many years of study to the problem, mistook the symbolic circle, and attributed their religion solely to astronomy.¹²⁷ Eberhart (*Berliner Monatschrift*, 1787) and many other German writers of the last and present centuries, dispose of magic most uncereemoniously, and think it due to the Platonic mythos of the *Timaeus*. But how, without possessing a knowledge of the mysteries, was it possible for these men or any others not endowed with the finer intuition of a Champollion, to discover the esoteric half of that which was concealed, behind the veil of Isis, from all except the adepts?

The merit of Champollion as an Egyptologist none will question. He declares that everything demonstrates the ancient Egyptians to have been profoundly monotheistical. The accuracy of the writings of the mysterious Hermes Trismegistus, whose antiquity runs back into the night of time, is corroborated by him to their minutest details. Ennemoser also says: "Into Egypt and the East went Herodotus, Thales, Parmenides, Empedocles, Orpheus, and Pythagoras, to instruct themselves in Natural Philosophy and Theology." There, too, Moses acquired his wisdom, and Jesus passed the earlier years of his life.

Thither gathered the students of all countries before Alexandria was founded. "How comes it," Ennemoser goes on to say, "that so little has become known of these mysteries . . . through so many ages and amongst so many different times and people? The answer is that it is owing to the universally strict silence of the initiated. Another cause may be found in the destruction and total loss of all the written memorials of the secret knowledge of the remotest antiquity. . . . Numa's books, described by Livy, consisting of treatises upon natural philosophy, were found in his tomb; but they were not allowed to be made known, lest they should reveal the most secret mysteries

127. *Origine des Cultes*, 3 vols.: Paris, 1795.

of the state religion. . . . The senate and the tribunes of the people determined that the books themselves should be burned, which was done in public."¹²⁸

Magic was considered a divine science which led to a participation in the attributes of Divinity itself. "It unveils the operations of nature," says Philo Judæus, "and leads to the contemplation of celestial powers."¹²⁹ In later periods its abuse and degeneration into sorcery made it an object of general abhorrence. We must therefore deal with it only as it was in the remote past, during those ages when every true religion was based on a knowledge of the occult powers of nature. It was not the sacerdotal class in ancient Persia that established magic, as it is commonly thought, but the Magi, who derive their name from it. The Mobeds, priests of the Pârsis — the ancient Ghebers — are named, even at the present day, *Magoi*, in the dialect of the Pehlvi.¹³⁰ *Magic appeared in the world with the earlier races of men.* Cassien mentions a treatise, well-known in the fourth and fifth centuries, which was accredited to Ham, the son of Noah, who in his turn was reputed to have received it from Jared, the fourth generation from Seth, the son of Adam.¹³¹

Moses was indebted for his knowledge to the mother of the Egyptian princess, Thermutis, who saved him from the waters of the Nile.¹³² The wife of Pharaoh,¹³³ Batria, was an initiate herself, and the Jews owe to her the possession of their prophet, "instructed in all the wisdom of the Egyptians, and mighty in his words and works."¹³⁴ Justin's epitome of the history by Trogus Pompeius shows Joseph as having acquired a great knowledge in magical arts with the high priests of Egypt.¹³⁵

The ancients knew more concerning certain sciences than our modern savants have yet discovered. Reluctant as many are to confess as much, it has been acknowledged by more than one scientist. "The degree of scientific knowledge existing in an early period of society was much greater than the moderns are willing to admit," says Dr. A. Todd Thomson, the editor of *The Philosophy of Magic*,¹³⁶ by Salverte; "but," he adds, "it was confined to the temples, carefully veiled from the eyes of the people and opposed only to the priesthood." Speaking of the Kabala, the learned Franz von Baader remarks that "not only our salvation and wisdom, but our science itself came to us from the Jews." But why not complete the sentence and tell the reader from whom the Jews got their wisdom?

128. *Hist. of Magic*, Vol. II, pp. 9, 11. 129. Philo Jud.: *De Specialibus Legibus*, § 4.

130. *Zend-Avesta*, Vol. II, p. 506; see also Darmesteter's transl., I, xlvii, xlviii.

131. Cassien: *Conferences*, I, xxi. 132. Cf. *The Secr. Doctr.*, I, 319-320; II, 26, 428.

133. Gilb. Gaultmyn: *De Vita et Morte Moysis*, p. 199: Paris, 1629.

134. *Acts of the Apostles*, vii, 22. 135. Justin, XXXVI, ii. 136. London, 1846.

Origen, who had belonged to the Alexandrian school of Platonists, declares that Moses, besides the teachings of the covenant, communicated some very important secrets "from the hidden depths of the law" to the seventy elders. These he enjoined them to impart only to persons whom they found worthy.

Jerome names the Jews of Tiberias and Lydda as the only teachers of the mystical manner of interpretation. Finally, Ennemoser expresses a strong opinion that "the writings of Dionysius Areopagita have palpably been grounded on the Jewish *Kabala*." When we take in consideration that the Gnostics, or early Christians, were but the followers of the old Essenes under a new name, this fact is nothing to be wondered at. Professor Molitor gives the *Kabala* its just due. He says:

"The age of inconsequence and shallowness, in theology as well as in sciences, is past, and since that revolutionary rationalism has left nothing behind but its own emptiness, after having destroyed everything positive, it seems now to be the time to direct our attention anew to that mysterious revelation which is the living spring whence our salvation has proceeded . . . the Mysteries of ancient Israel, which contain all secrets of modern Israel, would be particularly calculated to . . . found the fabric of theology upon its deepest theosophical principles, and to gain a *firm basis* to all ideal sciences. It would aid in opening a new path . . . to the obscure labyrinth of the myths, mysteries and constitutions of primitive nations. . . . In this tradition alone was contained the system of the schools of the prophets, which the prophet Samuel did not found, *but only restored*, whose end was no other than to lead the scholars to wisdom and the highest knowledge, and when they had been found worthy, to induct them *into the deeper mysteries*. Classed with these mysteries was *magic*, which was of a double nature — divine magic, and evil magic, or the black art. Each of these is again divisible into two kinds, the active and seeing; in the first, man endeavors to place himself *en rapport* with the world — to learn hidden things; in the latter, he endeavors to gain power over spirits; in the former, to perform *good and beneficial* acts; in the latter to do all kinds of diabolical and unnatural deeds." 137

The clergy of the three most prominent Christian bodies, the Greek, Roman Catholic, and Protestant, discountenance every spiritual phenomenon manifesting itself through the so-called 'mediums.' A very brief period, indeed, has elapsed since both the two latter ecclesiastical corporations burned, hanged, and otherwise murdered every helpless victim through whose organism 'spirits' — sometimes blind and as yet unex-

137. Molitor: *Philosophy of History*, p. 285.

plained forces of nature — manifested themselves. At the head of these three churches, pre-eminent stands the Church of Rome. Her hands are scarlet with the innocent blood of countless victims shed in the name of the Moloch-like divinity at the head of her creed. She is ready and eager to begin again. But she is bound hand and foot by that nineteenth century spirit of progress and religious freedom which she reviles and blasphemes daily. The Graeco-Russian Church is the most amiable and Christ-like in her primitive, simple, though blind faith. Despite the fact that there has been no practical union between the Greek and Latin Churches, and that the two parted company long centuries ago, the Roman Pontiffs seem to invariably ignore the fact. They have in the most impudent manner possible arrogated to themselves jurisdiction not only over the countries within the Greek communion but also over all Protestants as well. "The Church insists," says Professor Draper, "that the state has no rights over any thing which it declares to be within its domain, and that Protestantism being a mere rebellion, has no rights at all; that even in Protestant communities the Catholic bishop *is the only lawful* spiritual pastor." ¹³⁸ Decrees unheeded, encyclical letters unread, invitations to oecumenical councils unnoticed, excommunications laughed at — all these have seemed to make no difference. Their persistence has only been matched by their effrontery. In 1864, the culmination of absurdity was attained when Pius IX excommunicated and fulminated publicly his anathemas against the Russian Emperor, as a "*schismatic* cast out from the bosom of the Holy Mother Church." ¹³⁹ Neither he nor his ancestors, nor Russia since it was Christianized, a thousand years ago, have ever consented to join the Roman Catholics. Why not claim ecclesiastical jurisdiction over the Buddhists of Tibet, or the shadows of the ancient *Hyk-Sos*?

The mediumistic phenomena have manifested themselves at all times in Russia as well as in other countries. This force ignores religious differences; it laughs at nationalities; and invades unasked any individuality, whether of a crowned head or a poor beggar.

Not even the present Vice-God, Pius IX himself, could avoid the unwelcome guest. For the last fifty years his Holiness has been known to be subject to very extraordinary fits. Inside the Vatican they are termed *Divine visions*; outside, physicians call them epileptic fits; and popular rumor attributes them to an obsession by the ghosts of Peruggia, Castelfidardo, and Mentana!

138. *Conflict between Religion and Science*, ch. xi, p. 329.

139. See *Gazette du Midi et Monde*, of 3 May, 1864.

"The lights burn blue: it is now dead midnight,
Cold fearful drops stand on my trembling flesh. . . .
Methought the souls of all that I had murdered
Came. . . ." ¹⁴⁰

The Prince of Hohenlohe, so famous during the first quarter of our century for his healing powers, was himself a great medium. Indeed, these phenomena and powers belong to no particular age or country. They form a portion of the psychological attributes of man — the Microcosmos.

For centuries have the *Klikouchy*,¹⁴¹ the *Yourodevoij*,¹⁴² and other miserable creatures been afflicted with strange disorders, which the Russian clergy and the populace attribute to possession by the devil. They throng the entrances of the cathedrals, without daring to trust themselves inside, lest their self-willed controlling daemons might fling them on the ground. Voroneg, Kiew, Kazan, and all cities which possess the thaumaturgical relics of canonized saints, abound with such unconscious mediums. One can always find numbers of them, congregating in hideous groups, and hanging about the gates and porches. At certain stages of the celebration of the mass by the officiating clergy, such as the appearance of the sacraments, or the beginning of the prayer and chorus, "*Ejey Cherourim*," these half-maniacs, half-mediums, begin crowing like cocks, barking, bellowing and braying, and, finally, fall down in fearful convulsions. "The *unclean one* cannot bear the holy prayer," is the pious explanation. Moved by pity, some charitable souls administer restoratives to the "afflicted ones," and distribute alms among them. Occasionally, a priest is invited to exorcize, in which event he either performs the ceremony for the sake of love and charity, or the alluring prospect of a twenty-copeck silver bit, according to his Christian impulses. But these miserable creatures — who are mediums, for they prophesy and see visions sometimes, when the fit is genuine ¹⁴³ — are never molested because of their misfortune. Why should the clergy persecute them, or people hate and denounce them as damnable witches or wizards? Common sense and justice surely suggest that if any are to be punished it is certainly not the victims who cannot help themselves, but the daemon who is alleged to control their actions. The worst that happens to the patient is, that the priest inundates him or her with holy water, and causes the poor creature to catch cold. This failing in efficacy, the *Klikoucha* is left to the will

140. Shakespeare: *Richard III*, Act V.

141. Literally, the *screaming* or the *howling* ones.

142. The half-demented, the *idiots*.

143. But such is not always the case, for some among these beggars make a regular and profitable trade of it.

of God, and taken care of in love and pity. Superstitious and blind as it is, a faith conducted on such principles certainly deserves some respect, and can never be offensive, either to man or the *true* God. Not so with that of the Roman Catholics; and hence, it is they, and secondarily, the Protestant clergy — with the exception of some foremost thinkers among them — that we purpose questioning in this work. We want to know upon what grounds they base their right to treat Hindûs and Chinese spiritualists and kabalists in the way they do; denouncing them, in company with the infidels — creatures of their own making — as so many convicts sentenced to the inextinguishable fires of hell.

Far from us be the thought of the slightest irreverence — let alone blasphemy — toward the Divine Power which called into being all things, visible and invisible. Of its majesty and boundless perfection we dare not even think. It is enough for us to know that *It* exists and that *It* is all wise. Enough that in common with our fellow creatures we possess a spark of *Its* essence. The supreme power whom we revere is the boundless and endless one — the grand 'CENTRAL SPIRITUAL SUN' by whose attributes and the visible effects of whose inaudible WILL we are surrounded — the God of the ancient and the God of modern seers. His nature can be studied only in the worlds called forth by his mighty FIAT. His revelation is traced with his own finger in imperishable figures of universal harmony upon the face of the Cosmos. It is the only INFALLIBLE gospel we recognise.

Speaking of ancient geographers, Plutarch remarks in *Theseus*, that they "crowd into the edges of their maps parts of the world which they do not know about, adding notes in the margin to the effect that beyond this lies nothing but sandy deserts *full of wild beasts and unapproachable bogs*." Do not our theologians and scientists do the same? While the former people the invisible world with either angels or devils, our philosophers try to persuade their disciples that where there is no *matter* there is *nothing*.

How many of our inveterate skeptics belong, notwithstanding their materialism, to Masonic Lodges? The brothers of the Rosie-Cross, mysterious practitioners of the medieval ages, still live — but in name only. They may "shed tears at the grave of their respectable Master, Hiram Abiff"; but vainly will they search for the true locality, "where the sprig of myrtle was placed." The dead letter remains alone, the spirit has fled. They are like the English or German chorus of the Italian opera, who descend in the fourth act of *Ernani* into the crypt of Charlemagne, singing their conspiracy in a tongue utterly unknown to them. So, our modern knights of the Sacred Arch may descend every night if they

choose "through the nine arches into the bowels of the earth," — they "will never discover the sacred Delta of Enoch." The "Sir Knights in the South Valley" and those in "the North Valley" may try to assure themselves that "enlightenment dawns upon their minds," and that as they progress in Masonry "the veil of superstition, despotism, tyranny," and so on, no longer obscures the visions of their minds. But these are all empty words so long as they neglect their mother Magic, and turn their backs upon its twin sister, Spiritualism. Verily, "Sir Knights of the Orient," you may "leave your stations and sit upon the floor in attitudes of grief, with your heads resting upon your hands," for you have cause to bewail and mourn your fate. Since Phillippe le Bel destroyed the Knights-Templars, not one has appeared to clear up your doubts notwithstanding all claims to the contrary. Truly, you are "wanderers from Jerusalem, seeking the lost treasure of the holy place." Have you found it? Alas, no! for the holy place is profaned; the pillars of wisdom, strength and beauty are destroyed. Henceforth, "you must wander in darkness," and "travel in humility," among the woods and mountains in search of the "lost word." "Pass on!" — you will never find it so long as you limit your journeys to *seven* or even seven times seven; because you are "traveling in darkness," and this darkness can only be dispelled by the light of the blazing torch of truth which alone the right descendants of Ormazd carry. They alone can teach you the true pronunciation of the name revealed to Enoch, Jacob and Moses. "Pass on!" Till your R. S. W. shall learn to multiply 333, and *strike* instead 666 — the number of the Apocalyptic Beast, you may just as well observe prudence and act '*sub rosa*.'

In order to demonstrate that the notions which the ancients entertained about dividing human history into cycles were not utterly devoid of a philosophical basis, we shall close this chapter by introducing to the reader one of the oldest traditions of antiquity as to the evolution of our planet.

At the close of what Censorinus¹⁴⁴ wrote should be called the "greatest year" — but styled by Aristotle the "great year," an epithet better suited to one consisting of six *sārs*¹⁴⁵ — our planet is subjected to a thorough physical revolution. The polar and equatorial climates gradu-

144. *De Die Natali*, cap. xviii.

145. Webster declares very erroneously that the Chaldaeans called *saros* the cycle of eclipses, a period of about 6586 days, "the time of revolution of the moon's node." Berosus, himself a Chaldaean astrologer, at the temple of Belus, Babylon, gives the duration of the *sar*, or *saros*, as 3600 years; a *neros*, 600; and a *sossos*, 60. See Cory: *Anct. Frag.*, s.v. Berosus (fragment from Abydenus), 'Of the Chaldaean Kings and the Deluge;' and fragment from Theon of Alexandria in *M.S. ex. cod. reg. Gall. gr. No. 2390*, fol. 154. See also Eusebius: *Chronicon*, I, vi.

ally exchange places; the former moving slowly toward the Line, and the tropical zone, with its exuberant vegetation and swarming animal life, replacing the forbidding wastes of the icy poles. This change of climate is necessarily attended by cataclysms, earthquakes, and other cosmical throes.¹⁴⁶ As the beds of the ocean are disturbed, at the end of every decimillennium and about one *neros*, a semi-universal deluge like the legendary Noachian flood is also brought about. But in regard to the "greatest year" of Censorinus, no one outside the sanctuary knew anything certain either as to its duration or particulars. "The Winter of this cycle was called the Cataclysm or the Deluge — the Summer, the Ecpyrosis." The popular traditions taught that at these alternate seasons the world was in turn burned and deluged. This is what we learn at least from the *Astronomical Fragments* of Censorinus and Seneca. Much confusion existed, however, among the commentators, regarding the lengths of the "great year" and the "greatest year." Herodotus and Linus assigned to the former 10,800 years; and Cassandrus, to the latter, 3,600,000 years.¹⁴⁷ According to the claims of the Babylonian priests, corroborated by Eupolemus,¹⁴⁸ "the city of Babylon owes its foundation to those who were saved from the catastrophe of the deluge; *they were the giants*, and they built the tower which is noticed in history."¹⁴⁹ These giants, who were great astrologers and had received moreover from their fathers, 'the sons of God,' every instruction pertaining to secret matters, instructed the priests in their turn, and left in the temples all the records of the periodical cataclysm that they had witnessed themselves. This is how the high priests came by the knowledge of the *great* years. When we remember, moreover, that Plato in the *Timaeus*¹⁵⁰ cites the old Egyptian priest rebuking Solon for his ignorance of the fact that there were several such deluges as the great one of Ogyges, we can easily ascertain that this belief in the great cycles was a doctrine held by the initiated priests the world over.

The Neroses, the *Vrihaspati*, or the periods called *yugas* or *kalpas*, are life-problems to solve. The *Satya-yuga* and Buddhistic cycles of

146. Before scientists reject such a theory — traditional as it is — it would be in order for them to demonstrate why, at the end of the Tertiary period, the Northern Hemisphere had undergone such a reduction of temperature as to utterly change a torrid zone to a Siberian climate? Let us bear in mind that the *heliocentric system came to us from upper India*; and that the germs of all great astronomical truths were brought thence by Pythagoras. So long as we lack a mathematically correct demonstration, one hypothesis is as good as another.

147. Censorinus: *De Die Natali*, cap. xviii. Seneca: *Nat. Quaest.*, iii, 29.

148. Euseb.: *Praep. Ev.*, ix, 14.

149. This is in flat contradiction to the *Bible* narrative, which tells us that the deluge was sent for the special destruction of these *giants*. The Babylonian priests had *no* objection in inventing lies.

150. § 5 (Bohn ed.).

chronology would make a mathematician stand aghast at the array of ciphers. The *Mahā-kalpa* embraces an untold number of periods far back in the antediluvian ages. Their system comprises a *Kalpa* or grand period of 4,320,000 years, which they divide into four lesser *yugas*, running as follows:

"1st — <i>Satya-yuga</i>	1,728,000 years
2d — <i>Tretā-yuga</i>	1,296,000 "
3d — <i>Dvāpara-yuga</i>	864,000 "
4th — <i>Kali-yuga</i>	432,000 "
Total	4,320,000 "

which make one divine age or *Mahā-yuga*; seventy-one *Mahā-yugas* make 306,720,000 years, to which is added a *sandhi* (or the time when day and night border on each other, morning and evening twilight), equal to a *Satya-yuga*, 1,728,000, making a *manvantara* of 308,448,000 years;¹⁵¹ fourteen *manvantaras* make 4,318,272,000 years; to which must be added a *sandhi* to begin the *kalpa*, 1,728,000 years, making the *Kalpa* or grand period of 4,320,000,000 of years." As we are now only in the *Kali-yuga* of the twenty-eighth age of the seventh *manvantara* of 308,448,000 years, we have yet sufficient time before us to wait before we reach even half of the time allotted to the world.

These ciphers are not fanciful, but founded upon actual astronomical calculations, as has been demonstrated by S. Davis.¹⁵² Many a scientist, Higgins among others, notwithstanding their researches, has been utterly perplexed as to which of these was the *secret* cycle. Bunsen has demonstrated that the Egyptian priests, who made the cyclic notations, kept them always in the profoundest mystery.¹⁵³ Perhaps their difficulty arose from the fact that the calculations of the ancients applied equally to the spiritual progress of humanity as to the physical. It will not be difficult to understand the close correspondence drawn by the ancients between the cycles of nature and of mankind, if we keep in mind their belief in the constant and all-potent influences of the planets upon the fortunes of humanity. Higgins justly believed that the cycle of the Indian system, of 432,000, is the true key of the *secret* cycle. But his failure in trying to decipher it was made apparent; for as it pertained to the mystery of the creation, this cycle was the most inviolable of all. It was repeated in symbolic figures only in the Chaldaean *Book of*

151. Coleman, who makes this calculation, allowed a serious error of the proof-reader to pass; the length of the *manvantara* is given at 368,448,000, which is just sixty million years too much.—*Mythology of the Hindus*, p. xiii: London, 1832.

152. S. Davis: *Essay in the Asiatic Researches*, II, 230, sq.; and Higgins's *Anacalypsis*.

153. Bunsen: *Egypt's Place in Universal History*, I, p. 24: London, 1848.

Numbers, the original of which, if now extant, is certainly not to be found in libraries, as it formed one of the most ancient Books of Hermes,¹⁵⁴ the number of which is at present undetermined.

Calculating by the secret period of the Great Neros and the Hindû Kalpas, some kabalists, mathematicians and archaeologists who knew naught of the secret computations made the above number of 21,000 years to be 24,000 years, for the length of the great year, as it was to the renewal only of our globe that they thought the last period of 6,000 years applied. Higgins gives as a reason for it, that it was anciently thought that the equinoxes preceded only after the rate of 2,000, not 2,160, years in a sign; for thus it would allow for the length of the great year four times 6,000 or 24,000 years. "Hence," he says, "might arise their immensely-lengthened cycles; because, it would be the same with this great year as with the common year, till it traveled round an immensely-lengthened circle, when it would come to the old point again." He therefore accounts for the 24,000 in the following manner: "If the angle which the plane of the ecliptic makes with the plane of the equator had decreased gradually and regularly, as it was till very lately supposed to do, the two planes would have coincided in about ten ages, 6000 years; in ten ages, 6000 years more, the sun would have been situated relatively to the Southern Hemisphere as he is now to the Northern; in ten ages, 6000 years more, the two planes would coincide again;

154. The forty-two Sacred Books of the Egyptians mentioned by Clement of Alexandria (*Strom.*, VI) as having existed in his time, were but a portion of the Books of Hermes. Iamblichus (*De Myst.*, viii, 1, 2), on the authority of the Egyptian priest Abammon, attributes 1200 of such books to Hermes, and Manetho 36,500. But the testimony of Iamblichus as a neo-Platonist and theurgist is of course rejected by modern critics. Manetho, who is held by Bunsen in the highest consideration as a "purely historical personage" . . . with whom "none of the later native historians can be compared . . ." (*see Egypt's Place*, I, 97), suddenly becomes a pseudo-Manetho, as soon as the ideas propounded by him clash with the scientific prejudices against magic and the occult knowledge claimed by the ancient priests. However, none of the archaeologists doubt for a moment the almost incredible antiquity of the Hermetic books. Champollion shows the greatest regard for their authenticity and great truthfulness, corroborated as it is by many of the oldest monuments. And Bunsen brings irrefutable proofs of their age. From his researches, for instance, we learn that there was a line of sixty-one kings before the days of Moses, who preceded the Mosaic period by a clearly-traceable civilization of several thousand years. Thus we are warranted in believing that the works of Hermes Trismegistus were extant many ages before the birth of the Jewish law-giver. "Styli and inkstands were found on monuments of the fourth Dynasty, the oldest in the world," says Bunsen, quoting Lepsius (*Totenbuch*, pref., p. 17). If the eminent Egyptologist rejects the period of 48,863 years before Alexander, to which Diogenes Laertius (proem, § 2) carries back the records of the priests, he is evidently more embarrassed with his mention of their 373 eclipses (local and total or nearly so) of the sun, and 832 of the moon, and remarks that "if they were actual observations, they *must have* extended over 10,000 years" (Bunsen: I, p. 14). "We learn, however," he adds, "from one of their own old chronological works . . . that the genuine Egyptian tradition concerning the mythological period, treated of *myriads* of years." (*Ibid.*, p. 15.)

and, in ten ages, 6000 years more, he would be situated as he is now, after a lapse of about twenty-four or twenty-five thousand years in all. When the sun arrived at the equator, the ten ages or six thousand years would end, and the world would be destroyed *by fire*; when he arrived at the southern point, it would be destroyed by water. And thus it would be destroyed at the end of every 6000 years, or ten *neroses*." ¹⁵⁵

This method of calculating by the *neroses*, without allowing any consideration for the secrecy in which the ancient philosophers, who were exclusively of the sacerdotal order, held their knowledge, gave rise to the greatest errors. It led the Jews, as well as some of the Christian Platonists, to maintain that the world would be destroyed at the end of six thousand years. Gale shows how firmly this belief was rooted in the Jews. It has also led modern scientists to discredit entirely the hypothesis of the ancients. It has given rise to the formation of different religious sects, which, like the Adventists of our century, are always living in the expectation of the approaching destruction of the world.

As our planet revolves once every year around the sun and at the same time turns once in every twenty-four hours upon its own axis, thus traversing minor circles within a larger one, so is the work of the smaller cyclic periods accomplished and recommenced within the Great Saros.

The revolution of the physical world, according to the ancient doctrine, is attended by a like revolution in the world of intellect — the spiritual evolution of the world proceeding in cycles, like the physical one.

Thus we see in history a regular alternation of ebb and flow in the tide of human progress. The great kingdoms and empires of the world, after reaching the culmination of their greatness, descend again in accordance with the same law by which they ascended; till, having reached the lowest point, humanity reasserts itself and mounts up once more, the height of its attainment being, by this law of ascending progression by cycles, somewhat higher than the point from which it had before descended.

The division of the history of mankind into Golden, Silver, Copper and Iron Ages is not a fiction. We see the same thing in the literature of peoples. An age of great inspiration and unconscious productiveness is invariably followed by an age of criticism and consciousness. The one affords material for the analysing and critical intellect of the other.

Thus all those great characters who tower like giants in the history of mankind, like Buddha-Siddhârtha and Jesus in the realm of spiritual,

155. Higgins: *Anacalypsis*. Cf. Vol. II, p. 347, of the present work.

and Alexander the Macedonian and Napoleon the Great in the realm of physical conquests, were but reflexed images of human types which had existed ten thousand years before, in the preceding decimillennium, reproduced by the mysterious powers controlling the destinies of our world. There is no prominent character in all the annals of sacred or profane history whose prototype we cannot find in the half-fictitious and half-real traditions of bygone religions and mythologies. As the star, glimmering at an immeasurable distance above our heads in the boundless immensity of the sky, reflects itself in the smooth waters of a lake, so does the imagery of men of the antediluvian ages reflect itself in the periods we can embrace in a historical retrospect.

"As above, so it is below. That which has been, will return again. As in heaven, so on earth."

The world is always ungrateful to its great men. Florence has built a statue to Galileo, but hardly even mentions Pythagoras. The former had a ready guide in the treatises of Copernicus, who had been obliged to contend against the universally established Ptolemaic system. But neither Galileo nor modern astronomy discovered the emplacement of the planetary bodies. Thousands of ages before, it was taught by the sages of Middle Asia, and brought thence by Pythagoras, not as a speculation, but as a demonstrated science. "The numerals of Pythagoras," says Porphyry, "were hieroglyphical symbols, by means whereof he explained *all* ideas concerning the nature of all things."¹⁵⁶

Verily, then, to antiquity alone have we to look for the origin of all things. How well Hargrave Jennings expresses himself when speaking of Pyramids, and how true are his words when he asks: "Is it at all reasonable to conclude, at a period when knowledge was at the highest and when the human powers were, in comparison with ours at the present time, prodigious, that all these indomitable, *scarcely believable* physical effects—that such achievements as those of the Egyptians—were devoted to a mistake?—that the myriads of the Nile were fools laboring in the dark, and that all the magic of their great men was forgery?—and that we, in despising that which we call their superstition and wasted power, are alone the wise? No! there is much more in these old religions than probably—in the audacity of modern denial, in the confidence of these superficial-science times, and in the derision of these days without faith—is in the least degree supposed. We do not understand the old time. . . . Thus we see how classic practice and heathen teaching may be made to reconcile—how even the Gentile and the Hebrew, the mythological and the

156. *De Vita Pythag.*

Christian doctrine harmonize in the general faith founded on Magic. That Magic is indeed possible, is the moral of this book." ¹⁵⁷

It is possible. Thirty years ago, when the first rappings of Rochester awakened slumbering attention to the reality of an invisible world; when the gentle shower of raps gradually became a torrent which overflowed the whole globe, spiritualists had to contend but against two potencies — theology and science. But the theosophists have, in addition to these, to meet the world at large and the spiritualists first of all.

"There is a *personal* God, and there is a *personal* Devil!" thunders the Christian preacher. "Let him be anathema who dares say nay!" "There is no personal God, except the gray matter in our brain," contemptuously replies the materialist. "And there is no Devil. Let him be considered thrice an idiot who says aye." Meanwhile the occultists and *true* philosophers heed neither of the two combatants, but keep perseveringly at their work. None of them believe in the absurd, passionate, and fickle God of superstition, but all of them believe in good and evil. Our human reason, the emanation of our finite mind, is certainly incapable of comprehending a divine intelligence, an endless and infinite entity; and, according to strict logic, that which transcends our understanding and would remain thoroughly incomprehensible to our senses cannot exist for us; hence it does *not* exist. So far finite reason agrees with science, and says: "There is no God." But, on the other hand, our *Ego*, that which lives and thinks and feels independently of us in our mortal casket, does more than believe. It *knows* that there exists a God in nature, for the sole and invincible Artificer of all lives in us as we live in Him. No dogmatic faith or exact science is able to uproot that intuitional feeling inherent in man, when he has once fully realized it in himself.

Human nature is like universal nature in its abhorrence of a vacuum. It feels an intuitional yearning for a Supreme Power. Without a God, the cosmos would seem to it but like a soulless corpse. Being forbidden to search for Him where alone His traces would be found, man filled the aching void with the personal God whom his spiritual teachers built up for him from the crumbling ruins of heathen myths and hoary philosophies of old. How otherwise explain the mushroom growth of new sects, some of them absurd beyond degree? Mankind has one innate, irrepressible craving that *must* be satisfied in any religion that would supplant the dogmatic, undemonstrated and undemonstrable theology of our Christian ages. This is the yearning after the proofs of immortality. As Sir Thomas Browne has expressed it: ". . . it is the heaviest stone

157. *The Rosicrucians, etc.*, by Hargrave Jennings, 3rd. edit., III, 131-2.

that melancholy can throw at a man, to tell him that he is at the end of his nature, or that there is no future state to come, unto which this seems progressive, and otherwise made in vain." Let any religion offer itself that can supply these proofs in the shape of scientific facts, and the established system will be driven to the alternative of fortifying its dogmas with such facts, or of passing out of the reverence and affection of Christendom. Many a Christian divine has been forced to acknowledge that there is *no authentic* source whence the assurance of a future state could have been derived by man. How could then such a belief have stood for countless ages, were it not that among all nations, whether civilized or savage, man *has been* allowed the demonstrative proof? Is not the very existence of such a belief an evidence that thinking philosopher and unreasoning savage have both been compelled to acknowledge the testimony of their senses? That if, in isolated instances, spectral illusion may have resulted from physical causes, on the other hand, in thousands of instances, apparitions of persons have held converse with several individuals at once, who saw and heard them collectively, and could not all have been diseased in mind?

The greatest thinkers of Greece and Rome regarded such matters as demonstrated facts. They distinguished the apparitions by the names of *manes*, *anima* and *umbra*: the *manes* descending after the decease of the individual into the Underworld; the *anima*, or pure spirit, ascending to heaven; and the restless *umbra* (earth-bound spirit) hovering about its tomb, because the attraction of matter and love of its earthly body prevailed in it and prevented its ascension to higher regions.

*Terra tegit carnem, tumulum circumvolat umbra,
Orcus habet manes, spiritus astra petit,*

says Ovid, speaking of the threefold constituents of souls.

But all such definitions must be subjected to the careful analysis of philosophy. Too many of our thinkers do not consider that the numerous changes in language, the allegorical phraseology and evident secretiveness of old Mystic writers, who were generally under an obligation never to divulge the solemn secrets of the sanctuary, might have sadly misled translators and commentators. The phrases of the medieval alchemist they read literally; and even the veiled symbology of Plato is commonly misunderstood by the modern scholar. One day they may learn to know better, and so become aware that the method of extreme necessarianism was practised in ancient as well as in modern philosophy; that from the first ages of man the fundamental truths of all that we are permitted to know on earth was in the safe keeping of the adepts of the sanctuary; that the difference in creeds and religious practice was only external; and that those

guardians of the primitive divine revelation, who had solved every problem that is within the grasp of human intellect, were bound together by a universal freemasonry of science and philosophy, which formed one unbroken chain around the globe. It is for philology and psychology to find the end of the thread. That done, it will then be ascertained that, by relaxing one single loop of the old religious systems, the chain of mystery may be disentangled.

The neglect and withholding of these proofs have driven such eminent minds as Hare and Wallace, and other men of power, into the fold of modern spiritualism. At the same time it has forced others, congenitally devoid of spiritual intuitions, into a gross materialism that figures under various names.

But we see no utility in prosecuting the subject further. For, though in the opinion of most of our contemporaries, there has been but one day of learning, in whose twilight stood the older philosophers, and whose noontide brightness is all our own; and though the testimony of scores of ancient and medieval thinkers has proved valueless to modern experimenters, as though the world dated from A. D. 1, and all knowledge were of recent growth, we will not lose hope or courage. The moment is more opportune than ever for the review of old philosophies. Archaeologists, philologists, astronomers, chemists and physicists are getting nearer and nearer to the point where they will be forced to consider them. Physical science has already reached its limits of exploration; dogmatic theology sees the springs of its inspiration dry. Unless we mistake the signs, the day is approaching when the world will receive the proofs that only ancient religions were in harmony with nature, and ancient science embraced all that can be known. Secrets long kept may be revealed; books long forgotten and arts long time lost may be brought out to light again; papyri and parchments of inestimable importance will turn up in the hands of men who pretend to have unrolled them from mummies, or stumbled upon them in buried crypts; tablets and pillars, whose sculptured revelations will stagger theologians and confound scientists, may yet be excavated and interpreted. Who knows the possibilities of the future? An era of disenchantment and rebuilding will soon begin — nay, has already begun. The cycle has almost run its course; a new one is about to begin, and the future pages of history may contain full evidence, and convey full proof that

"If ancestry can be in aught believed,
Descending spirits have conversed with man,
And told him secrets of the world unknown."

CHAPTER II

"Pride, where wit fails, steps in to our defense
And fills up all the mighty void of sense. . . ."

— POPE

"But why should the operations of nature be changed? There may be a deeper philosophy than we dream of — a philosophy that discovers the secrets of nature, *but does not alter, by penetrating them, its course.*" — BULWER LYTTON

IS it enough for man to know that he exists? Is it enough to be formed a human being to enable him to deserve the appellation of MAN?

It is our decided impression and conviction, that to become a genuine spiritual entity, which that designation implies, man must first *create* himself anew, so to speak — *i. e.*, thoroughly eliminate from his mind and spirit, not only the dominating influence of selfishness and other impurity, but also the infection of superstition and prejudice. The latter is far different from what we commonly term *antipathy* or *sympathy*. We are at first irresistibly or unwittingly drawn within its dark circle by that peculiar influence, that powerful current of magnetism which emanates from ideas as well as from physical bodies. By this we are surrounded, and finally prevented through moral cowardice — fear of public opinion — from stepping out of it. It is rare that men regard a thing in either its true or false light, accepting the conclusion by the free action of their own judgment. Quite the reverse. The conclusion is more commonly reached by blindly adopting the opinion current at the hour among those with whom they associate. A church member will not pay an absurdly high price for his pew any more than a materialist will go twice to listen to Mr. Huxley's talk on evolution, because they think that it is right to do so; but merely because Mr. and Mrs. So-and-so have done it, and these personages are THE S— AND S—'s.

The same holds good with everything else. If psychology had had its Darwin, the descent of man as regards moral qualities might have been found inseparably linked with that of his physical form. Society in its servile condition suggests to the intelligent observer of its mimicry a kinship between the Simia and human beings even more striking than is exhibited in the external marks pointed out by the great anthropologist.

The many varieties of the ape — “mocking presentments of ourselves” — appear to have been evolved on purpose to supply a certain class of expensively-dressed persons with the material for genealogical trees.

Science is daily and rapidly moving toward the great discoveries in chemistry and physics, organology, and anthropology. Learned men ought to be free from preconceptions and prejudices of every kind; yet, although thought and opinion are now free, scientists are still the same men as of old. A Utopian dreamer is he who thinks that man ever changes with the evolution and development of new ideas. The soil may be well fertilized and made to yield with every year a greater and better variety of fruit; but, dig a little deeper than the stratum required for the crop, and the same earth will be found in the subsoil as was there before the first furrow was turned.

Not many years ago the person who questioned the infallibility of some theological dogma was branded at once an iconoclast and an infidel. *Vae victis!* . . . Science has conquered. But in its turn the victor claims the same infallibility, though it equally fails to prove its right. *Tempora mutantur et nos mutamur in illis*, the saying of the good old Lotharius, applies to the case. Nevertheless we feel as if we had some right to question the high-priests of science.

For many years we have watched the development and growth of that apple of discord — MODERN SPIRITUALISM. Familiar with its literature both in Europe and America, we have closely and eagerly witnessed its interminable controversies and compared its contradictory hypotheses. Many educated men and women — heterodox spiritualists of course — have tried to fathom the Protean phenomena. The only result was that they came to the following conclusion: whatever may be the reason of these constant failures — whether such are to be laid at the door of the investigators themselves, or of the secret Force at work — it is at least proved that, in proportion as the psychological manifestations increase in frequency and variety, the darkness surrounding their origin becomes more impenetrable.

That phenomena are actually witnessed, mysterious in their nature — generally and perhaps wrongly termed spiritual — it is now idle to deny. Allowing a large discount for clever fraud, what remains is quite serious enough to demand the careful scrutiny of science. *E pur se muove*, the sentence spoken ages since, has passed into the category of household words. The courage of Galileo is not now required to fling it into the face of the Academy. Psychological phenomena are already on the offensive.

The position assumed by modern scientists is that even though the occurrence of certain mysterious phenomena in the presence of the

mediums be a fact, there is no proof that they are not due to some abnormal nervous condition of those individuals. The possibility that they may be produced by returning human spirits need not be considered until the other question is decided. Little exception can be taken to this position. Unquestionably the burden of proof rests upon those who assert the agency of spirits. If the scientists would grapple with the subject in good faith, showing an earnest desire to solve the perplexing mystery, instead of treating it with undignified and unprofessional contempt, they would be open to no censure. True, the great majority of 'spiritual' communications are calculated to disgust investigators of even moderate intelligence. Even when genuine they are trivial, commonplace, and often vulgar. During the past twenty years we have received through various mediums messages purporting to be from Shakespeare, Byron, Franklin, Peter the Great, Napoleon and Josephine, and even from Voltaire. The general impression made upon us was that the French conqueror and his consort seemed to have forgotten how to spell words correctly; Shakespeare and Byron had become chronic inebriates; and Voltaire had turned an imbecile. Who can blame men trained to habits of exactitude, or even simply well-educated persons, for hastily concluding that when so much palpable fraud lies upon the surface, there could hardly be truth if they should go to the bottom? The huckstering about of pompous names attached to idiotic communications has given the scientific stomach such an indigestion that it cannot assimilate even the great truth which lies on the telegraphic plateaux of this ocean of psychological phenomena. They judge by its surface, covered with froth and scum. But they might with equal propriety deny that there is any clear water in the depths of the sea when an oily scum was floating upon the surface. Therefore, if on one hand we cannot very well blame them for stepping back at the first sight of what seems really repulsive, we do and have a right to censure them for their unwillingness to explore deeper. Neither pearls nor cut diamonds are to be found lying loose on the ground; and these persons act as unwisely as would a professional diver, who should reject an oyster on account of its filthy and slimy appearance, when by opening it he might find a precious pearl inside the shell.

Even the just and severe rebukes of some of their leading men are of no avail; and the fear on the part of men of science to investigate such an unpopular subject, seems to have now become a general panic. "*The phenomena chase the scientists, and the scientists run away from the phenomena,*" very pointedly remarks M. A. N. Aksakof in an able article on Mediumism and the St. Petersburg Scientific Committee. The attitude of this body of professors toward the subject which they

had pledged themselves to investigate was throughout simply disgraceful. Their premature and *prearranged* report was so evidently partial and inconclusive as to call out a scornful protest even from unbelievers.

The inconsistency of the logic of our learned gentlemen against the philosophy of spiritualism proper is admirably pointed out by Professor John Fiske—one of their own body. In a recent philosophical work, *The Unseen World*, while showing that from the very definition of the terms, *matter* and *spirit*, the existence of spirit cannot be demonstrated to the senses, and that thus no theory is amenable to *scientific tests*, he deals a severe blow at his colleagues in the following lines:

“The testimony in such a case,” he says, “must, under the conditions of the present life, be forever inaccessible. It lies wholly outside the range of experience. However abundant it may be, we cannot expect to meet it. And, accordingly, our failure to produce it does not raise even the slightest presumption against our theory. When conceived in this way, the belief in the future life is without scientific support, but at the same time it is placed beyond the need of scientific support and the range of scientific criticism. It is a belief which no imaginable future advance of physical discovery can in any way impugn. It is a belief which is in no sense irrational, and which may be logically entertained without in the least affecting our scientific habit of mind, or influencing our scientific conclusions.” “If now,” he adds, “men of science will accept the position that spirit is not matter, nor governed by the laws of matter, and refrain from speculations concerning it restricted by their knowledge of material things, they will withdraw what is to men of religion, at present, their principal cause of irritation.”

But they will do no such thing. They feel incensed at the brave, loyal, and highly commendable surrender of such superior men as Wallace, and refuse to accept even the prudent and restrictive policy of Mr. Crookes.

No other claim is advanced for a hearing of the opinions contained in the present work than that they are based upon many years' study of both ancient magic and its modern form, Spiritualism. The former, even now, when phenomena of the same nature have become so familiar to all, is commonly set down as clever jugglery. The latter, when overwhelming evidence precludes the possibility of truthfully declaring it charlatanry, is denominated a universal hallucination.

Many years of wandering among ‘heathen’ and ‘Christian’ magicians, occultists, mesmerisers and the *tutti quanti* of white and black art, ought to be sufficient, we think, to give us a certain right to feel

competent to take a practical view of this doubted and very complicated question. We have associated with the fakirs, the holy men of India, and seen them when in intercourse with the *Pitris*. We have watched the proceedings and *modus operandi* of the howling and dancing dervishes; held friendly communications with the marabouts of European and Asiatic Turkey; and the serpent-charmers of Damascus and Benares have but few secrets that we have not had the fortune to study. Therefore, when scientists who have never had an opportunity of living among these oriental jugglers and can judge at the best but superficially, tell us that there is naught in their performances but mere tricks of prestidigitation, we cannot help feeling a profound regret for such hasty conclusions. That such pretentious claims should be made to a thorough analysis of the powers of nature, and at the same time such unpardonable neglect displayed regarding questions of a purely physiological and psychological character, and astounding phenomena rejected without either examination or appeal, is an exhibition of inconsistency strongly savoring of timidity, if not of moral obliquity.

If, therefore, we should ever receive from some contemporaneous Faraday the same fling that that gentleman made years since, when, with more sincerity than good breeding, he said that "many *dogs* have the power of coming to much more logical conclusions than some spiritualists,"¹⁵⁸ we fear we must still persist. Abuse is not argument, least of all proof. Because such men as Huxley and Tyndall denominate spiritualism "a degrading belief" and oriental magic "jugglery," they cannot thereby take from truth its verity. Skepticism, whether it proceeds from a scientific or an ignorant brain, is unable to overturn the immortality of our souls — if such immortality is a fact — and plunge them into *post-mortem* annihilation. "Reason is subject to error," says Aristotle; so is opinion; and the personal views of the most learned philosopher are often more liable to be proved erroneous than the plain common sense of his own illiterate cook. In the *Tales of the Impious Khalif*, Barrachias-Hassan-Oglu, the Arabian sage holds a wise discourse: "Beware, O my son, of self-incense," he says. "It is the most dangerous, on account of its agreeable intoxication. Profit by thy own wisdom, but learn to respect the wisdom of thy fathers likewise. And remember, O my beloved, that the light of Allah's truth will often penetrate much easier an empty head, than one that is so crammed with learning that many a silver ray is crowded out for want of space; . . . such is the case with our over-wise Kadi."

158. W. Crookes, F. R. S.: *Researches in the Phenomena of Spiritualism*, p. 48: London, 1874.

These representatives of modern science in both hemispheres seem never to have exhibited more scorn, or to have felt more bitterly toward the unsolvable mystery, than since Mr. Crookes began the investigation of the phenomena in London. This courageous gentleman was the first to introduce to the public one of those alleged 'materialized' sentries that guard the forbidden gates. Following after him, several other learned members of the scientific body had the rare integrity, combined with a degree of courage, which, in view of the unpopularity of the subject, may be deemed heroic, to take the phenomena in hand.

But alas! although the spirit indeed was willing, the mortal flesh proved weak. Ridicule was more than the majority of them could bear; and so the heaviest burden was thrown upon the shoulders of Mr. Crookes. An account of the benefit this gentleman reaped from his disinterested investigations, and the thanks he received from his own brother scientists, can be found in his book entitled, *Researches in the Phenomena of Spiritualism*.

After a while the members appointed on the Committee of the Dialectical Society and Mr. Crookes, who had applied to his mediums the most crucial tests, were forced by an impatient public to report in so many plain words what they had seen. But what could they say, except the truth? Thus they were compelled to acknowledge: 1st. That the phenomena which *they*, at least, had witnessed, were genuine, and impossible to simulate; thus showing that manifestations produced by some unknown force, could and did happen. 2d. That whether the phenomena were produced by disembodied spirits or other analogous entities, they could not tell; but that manifestations, thoroughly upsetting many preconceived theories as to natural laws, did happen and were undeniable. Several of these occurred in their own families. 3d. That, notwithstanding all their combined efforts to the contrary, beyond the indisputable fact of the reality of the phenomena, "glimpses of natural action not yet reduced to law,"¹⁵⁹ they, to borrow the expression of the Count de Gabalis, "could make neither head nor tail on 't."

Now this was precisely what a skeptical public had not bargained for. The discomfiture of the believers in spiritualism had been impatiently anticipated before the conclusions of Messrs. Crookes, Varley, and the Dialectical Society were announced. Such a confession on the part of their brother-scientists was too humiliating for the pride of even those who had timorously abstained from investigation. It was regarded as really too much, that such vulgar and repulsive manifestations of phe-

159. W. Crookes: *Op. cit.*, p. 25.

nomena which had always, by common consent of educated people, been regarded as nursery tales, fit only to amuse hysterical servant-girls and afford revenue to professional somnambulists — that manifestations which had been consigned by the Academy and Institute of Paris to oblivion, should so impertinently elude detection at the hands of experts in physical sciences.

A tornado of indignation followed the confession. Mr. Crookes depicts it in his chapter on *Psychic Force*. He heads it very pointedly with the quotation from Galvani: "I am attacked by two very opposite sects — the scientists and the *know-nothings*. Yet I know that I have discovered one of the greatest forces in nature." He then proceeds:

"It was taken for granted by the writers that the results of my experiments would be in accordance with their preconceptions. What they really desired was not *the truth*, but an additional witness in favor of their own foregone conclusion. When they found the facts which that investigation established could not be made to fit those opinions, why, — 'so much the worse for the facts.' They try to creep out of their own confident recommendations of the inquiry by declaring 'that Mr. Home is a clever conjurer who has duped us all.' 'Mr. Crookes might with equal propriety examine the performances of an Indian juggler.' 'Mr. Crookes must get better witnesses before he can be believed.' 'The thing is too absurd to be treated seriously.' 'It is impossible, and therefore can't be.' (I never said it was possible, I only said it was true.) 'The observers have all been biologized, and fancy they saw things occur which really *never* took place,' etc., etc., etc.'" ¹⁶⁰

After expending their energy on such puerile theories as 'unconscious cerebration,' 'involuntary muscular contraction,' and the sublimely ridiculous one of the 'cracking knee-joints' (*le muscle craqueur*); after meeting ignominious failures by the obstinate survival of the new force, and finally, after every desperate effort to compass its obliteration, these *fili diffidentiae* — as Paul calls their class — thought best to give up the whole thing in disgust. Sacrificing their courageously persevering brethren as a holocaust on the altar of public opinion, they withdrew in dignified silence. Leaving the arena of investigation to more fearless champions, these unlucky experimenters are not likely ever to enter it again.¹⁶¹ It is easier by far to deny the reality of such manifestations from a secure distance, than find for them a proper place

160. *Ibid.*, p. 21, sq.

161. A. N. Aksakof: *Phenomena of Mediumism*.

among the classes of natural phenomena accepted by exact science. And how can they, since all such phenomena pertain to psychology, and the latter, with its occult and mysterious powers, is a *terra incognita* for modern science. Thus, powerless to explain that which proceeds directly from the nature of the human soul itself — the existence of which most of them deny — unwilling at the same time to confess their ignorance, scientists retaliate very unjustly on those who believe in the evidence of their senses without any pretense to science.

"A kick from thee, O Jupiter! is sweet," says the poet Tretiakowsky, in an old Russian tragedy. Rude as those Jupiters of science may be occasionally toward us credulous mortals, their vast learning — in less abstruse questions, we mean — if not their manners, entitles them to public respect. But unfortunately it is not the gods who shout the loudest.

The eloquent Tertullian, speaking of Satan and his imps, whom he accuses of ever mimicking the Creator's works, denominates them the "monkeys of God." It is fortunate for the philosophicules that we have no modern Tertullian to consign them to an immortality of contempt as the "monkeys of science."

But to return to genuine scientists. "Phenomena of a merely objective character," says A. N. Aksakof, "force themselves upon the representatives of exact sciences for investigation and explanation; but the high-priests of science, in the face of apparently such a simple question . . . are totally disconcerted! This subject seems to have the privilege of forcing them to betray, not only the highest code of morality — truth, but also the supreme law of science — *experiment!* . . . They feel that there is something too serious underlying it. The cases of Hare, Crookes, de Morgan, Varley, Wallace, and Butleroff create a panic! They fear that as soon as they concede one step, they will have to yield the whole ground. Time-honored principles, the contemplative speculations of a whole life, of a long line of generations, are all staked on a single card!"¹⁶²

In the face of such experience as that of Crookes and the Dialectical Society, of Wallace and the late Professor Hare, what can we expect from our luminaries of erudition? Their attitude toward the undeniable phenomena is in itself another phenomenon. It is simply incomprehensible, unless we admit the possibility of another psychological disease, as mysterious and contagious as hydrophobia. Although we claim no honor for this new discovery, we nevertheless propose to recognise it under the name of *scientific psychophobia*.

They ought to have learned by this time, in the school of bitter experience, that they can rely on the self-sufficiency of the positive sciences only to a certain point; and that, so long as there remains one single unexplained mystery in nature, the word '*impossible*' is a dangerous word for them to pronounce.

In the *Researches on the Phenomena of Spiritualism*,¹⁶³ Mr. Crookes submits to the option of the reader eight theories "to account for the phenomena observed."

These theories run as follows:

"*First Theory*.—The phenomena are all the result of tricks, clever mechanical arrangements, or legerdemain; the mediums are impostors, and the rest of the company fools.

"*Second Theory*.—The persons at a *séance* are the victims of a sort of mania, or delusion, and imagine phenomena to occur which have no real objective existence.

"*Third Theory*.—The whole is the result of conscious or unconscious cerebral action.

"*Fourth Theory*.—The result of the spirit of the medium, perhaps in association with the spirits of some or all of the people present.

"*Fifth Theory*.—The actions of evil spirits, or devils, personifying whom or what they please, in order to undermine Christianity, and ruin men's souls. [Theory of our theologians.]

"*Sixth Theory*.—The actions of a separate order of beings living on this earth, but invisible and immaterial to us. Able, however, occasionally to manifest their presence. Known in almost all countries and ages as daemons (not necessarily bad), gnomes, fairies, kobolds, elves, goblins, Puck, etc. [One of the claims of the kabalists.]

"*Seventh Theory*.—The actions of departed human beings — the spiritual[-ist] theory *par excellence*.

"*Eighth Theory*.—The psychic force theory . . . an adjunct to the fourth, fifth, sixth, and seventh theories."

The first of these theories having been proved valid only in exceptional, though unfortunately still too frequent cases, must be ruled out as having no material bearing upon the phenomena themselves. Theories the *second* and the *third* are the last crumbling entrenchments of the guerilla of skeptics and materialists, and remain, as lawyers say, *Adhuc sub judice lis est*. Thus we can deal in this work but with the four remaining ones, the last, eighth, theory being according to Mr. Crookes's opinion but 'a necessary adjunct' of the others.

How subject even a scientific opinion is to error, we may see if we only compare the several articles on spiritualist phenomena from the able pen of that gentleman, which appeared from 1870 to 1875. In one of the first we read: . . . "the increased employment of scientific methods will promote exact observation and greater love of truth among inquirers, and will produce a race of observers *who will drive the worthless residuum of spiritualism hence into the unknown limbo of magic and necromancy.*"¹⁶⁴ And in 1874 we read, over his own signature, minute and most interesting descriptions of the materialized 'spirit' — Katie King!¹⁶⁵

It is hardly possible to suppose that Mr. Crookes could be under electro-biological influence or hallucination for two or three consecutive years. The 'spirit' appeared in his own house, in his library, under the most crucial tests, and was seen, felt, and heard by hundreds of persons.

But Mr. Crookes denies that he ever took Katie King for a disembodied spirit. What was it then? If it was not Miss Florence Cook, and his word is our sufficient guarantee for it — then it was either the 'spirit' of one who had lived on earth, or one of those that come directly under the sixth theory of the eight the eminent scientist offers to the public choice. It must have been one of the classes named: Fairies, Kobolds, Gnomes, Elves, Goblins, or a Puck.¹⁶⁶

Yes; Katie King must have been a fairy — a Titania. For to a fairy only could be applied with propriety the following poetic effusion which Mr. Crookes quotes in describing this wonderful 'spirit':

"Round her she made an atmosphere of life;
The very air seemed lighter from her eyes;
They were so soft and beautiful and rife
With all we can imagine of the skies;
Her overpowering presence makes you feel
It would not be idolatry to kneel!"¹⁶⁷

And thus after having written, in 1870, his severe sentence against spiritualism and magic; after saying that even at that moment he believed "the whole affair a superstition, or at least an unexplained trick — a delusion of the senses";¹⁶⁸ Mr. Crookes, in 1874, closes his letter with the following memorable words:—"To imagine, I say, the Katie King of the last three years to be the result of imposture does more violence to one's reason and common sense than to believe her to be what she herself affirms."¹⁶⁹ This last remark, moreover, conclusively proves that: 1. Notwithstanding Mr. Crookes's full convic-

164. W. Crookes: *Res. Phen. Spirit.*, p. 8.

166. *Ibid.*, p. 100.

167. *Ibid.*, p. 110.

165. *Ibid.*, p. 107.

168. *Ibid.*, p. 7.

169. *Ibid.*, p. 112.

tion that the somebody calling herself Katie King was neither the medium nor some confederate, but on the contrary an unknown force in nature, which — like love — “laughs at locksmiths”; 2. That albeit that hitherto unrecognised form of Force had become with him “not a matter of opinion, but of absolute knowledge,” — the eminent investigator still did not abandon to the last his skeptical attitude toward the question. In short he firmly believes in the phenomenon, but cannot accept the idea of its being the human ‘spirit’ of a departed *somebody*.

It seems to us that as far as *public prejudice goes*, Mr. Crookes solves one mystery by creating a still deeper one: the *obscurum per obscurius*. In other words, rejecting “*the worthless residuum of spiritualism*,” the courageous scientist fearlessly plunges into his own “*unknown limbo of magic and necromancy!*”

The recognised laws of physical science account for but a few of the more objective of the so-called spiritual phenomena. While proving the reality of certain visible effects of an unknown force, they have not thus far enabled scientists to control at will even this aspect of the phenomena. The truth is that the professors have not yet discovered the necessary conditions of their occurrence. They must go as deeply into the study of the triple nature of man — physiological, psychological, and *divine* — as did their predecessors, the magicians, theurgists and thaumaturgists of old. Until the present moment, even those who have investigated the phenomena as thoroughly and impartially as Mr. Crookes have set aside the cause as something not to be discovered now, if ever. They have troubled themselves no more about that than about the first cause of the correlation of forces in cosmic phenomena, whose endless effects they are at such pains to observe and classify. Their course has been as unwise as that of a man who should attempt to discover the sources of a river by exploring toward its mouth. It has so narrowed their views of the possibilities of natural law that very simple forms of occult phenomena have necessitated the denial that they can occur unless miracles are possible; and this being a scientific absurdity the result has been that physical science has latterly been losing prestige. If scientists had studied the so-called ‘miracles’ instead of denying them, many secret laws of nature comprehended by the ancients would have been again discovered. “Conviction,” says Bacon, “comes not through arguments but through experiments.”

The ancients were always distinguished — especially the Chaldaean astrologers and Magians — for their ardent love and pursuit of knowledge in every branch of science. They tried to penetrate the secrets of na-

ture in the same way as our modern naturalists, and by the only method by which this object can be obtained, namely — experimental researches and reason. If our modern philosophers cannot apprehend the fact that they penetrated deeper than themselves into the mysteries of the universe, this does not constitute a valid reason why the credit of possessing this knowledge should be denied them or the imputation of superstition laid at their door. Nothing warrants the charge; and every new archaeological discovery militates against the assumption. As chemists they were unequaled, and in his famous lecture on *The Lost Arts* Wendell Phillips says: "The chemistry of the most ancient period had reached a point which *we have never even approached.*" The secret of the malleable glass, which "if supported by one end by its own weight, in twenty hours dwindles down to a fine line that you can curve around your wrist," would be as difficult to rediscover in our civilized countries as to fly to the moon.

The fabrication of a cup of glass which was brought by an exile to Rome in the reign of Tiberius ¹⁷⁰ — a cup "which he dashed upon the marble pavement, and it was not crushed nor broken by the fall," and which as it got "dented some" was easily brought into shape again with a hammer, is a historic fact. If it is doubted now it is merely because the moderns cannot do the same. And yet in Samarkand and some monasteries of Tibet such cups and glassware may be found to this day; nay, there are persons who claim that they can make the same by virtue of their knowledge of the much-ridiculed and ever-doubted *alkahest* — the universal solvent. As to this agent that Paracelsus and Van Helmont maintain to be a certain fluid in nature, "capable of reducing all sublunary bodies, as well homogeneous as mixed, into their *ens primum*, or the original matter of which they are composed; or into a uniform, equable and potable liquor, that will unite with water and the juices of all bodies, and yet retain its own radical virtues; and if again mixed with itself will thereby be converted into pure elementary water," ¹⁷¹ what impossibilities prevent our crediting the statement? Why should it not exist and why the idea be considered Utopian? Is it again because our modern chemists are unable to produce it? But surely it may be conceived without any great effort of imagination that all bodies must have originally come from some first matter, and that this matter, according to the lessons of astronomy, geology and physics, must have been a fluid. Why should not gold — of whose genesis our scientists know so little — have been originally a primitive or *basic matter of gold*, a ponderable fluid which, as Van Helmont says, "from its own

170. Cf. Pliny: *Nat. Hist.*, XXXVI, ch. 66, and footnotes: Bohn's Class. Libr., Vol. VI.

171. Van Helmont: *Ignota actio regiminis*, § 11.

nature, or a strong cohesion between its particles, acquired afterward a solid form"?¹⁷² There seems to be very little absurdity in believing in a "universal *ens* that resolves all bodies into their *ens genitale*." Van Helmont calls it "the highest and most successful of all salts, which having obtained the supreme degree of simplicity, purity, subtlety, enjoys alone the faculty of remaining unchanged and unimpaired by the subjects it works upon, and of dissolving the most stubborn and untractable bodies, as stones, gems, glass, earth, sulphur, metals, etc., into red salt equal in weight to the matter dissolved; and this with as much ease as hot water melts down snow."¹⁷³

It is into this fluid that the makers of malleable glass claimed, and now claim, that they immersed common glass for several hours, to acquire the property of malleability.

We have a ready and palpable proof of such possibilities. A foreign correspondent of the Theosophical Society, a well-known medical practitioner, and one who has studied the occult sciences for upward of thirty years, has succeeded in obtaining what he terms the "true oil of gold," *i. e.*, the primal element. Chemists and physicists have seen and examined it, and were driven to confess that they neither knew *how* it was obtained nor could they do the same. That he desires his name to remain unknown is not to be wondered at; ridicule and public prejudice are more dangerous sometimes than the inquisition of old. This 'Adamic earth' is next-door neighbor to the *alkahest*, and is one of the most important secrets of the alchemists. No Kabalist will reveal it to the world, for, as he expresses it in the well-known jargon, "it would explain the *eagles* of the alchemists, and how the eagles' wings are clipped," a secret that it took Thomas Vaughan (Eugenius Philalethes) twenty years to learn.

As the dawn of physical science broke into a glaring daylight, the spiritual sciences merged deeper and deeper into night, and in their turn they were denied. So now these greatest masters in psychology are looked upon as "ignorant and superstitious ancestors," as mountebanks and jugglers; because forsooth the sun of modern learning shines so brightly today that it has become axiomatic to say that the philosophers and men of science of the olden time knew nothing, and lived in a night of superstition. But their traducers forget that the sun of today will seem dark by comparison with the luminary of tomorrow, whether justly or not; and as the men of our century think their ancestors ignorant, perhaps their own descendants will count them for *know-nothings*. The world moves in cycles. The coming races will be but the reproductions

172. Van Helmont: *Progymnasina meteo*ri, §§ 6, 7.

173. *Potestas medicaminum*, § 24, sq.

of races long bygone; as we perhaps are the images of those who lived a hundred centuries ago. The time will come when those who now publicly slander the Hermetists, but ponder in secret their dust-covered volumes; who plagiarize their ideas, assimilate and give them out as their own — will receive their dues. "Who," honestly exclaims Pfaff "—what man has ever taken more comprehensive views of nature than Paracelsus? He was the bold creator of chemical medicines; the founder of courageous parties; victorious in controversy, belonging to those spirits who have created amongst us a new mode of thinking on the natural existence of things. What he scattered through his writings on the philosopher's stone, on pygmies and spirits of the mines, on signs, on *homunculi* and the elixir of life, and which is employed by many to lower his estimation, cannot extinguish our grateful remembrance of his general works, nor our admiration of his free, bold exertions, and his noble, intellectual life."¹⁷⁴

More than one pathologist, chemist, homoeopathist, and magnetist has quenched his thirst for knowledge in the books of Paracelsus. Frederick Hufeland got his theoretical doctrines on infection from this medieval "quack," as Sprengel delights in calling one who was immeasurably higher than himself. Hemmann, who endeavors to vindicate this great philosopher, and nobly tries to rehabilitate his slandered memory, calls him the "*greatest* chemist of his time."¹⁷⁵ So do Professor Molitor¹⁷⁶ and Dr. Ennemoser, the eminent German psychologist.¹⁷⁷ According to their criticisms on the labors of this Hermetist, Paracelsus is the most "wondrous intellect of his age," a "noble genius." But our modern lights assume to know better, and the ideas of the Rosicrucians about the elementary spirits, the goblins and the elves, have sunk into the 'limbo of magic' and fairy tales for early childhood.¹⁷⁸

We are quite ready to concede to skeptics that one-half, and even more, of seeming phenomena are but more or less clever fraud. Recent exposures, especially of 'materializing' mediums, prove the fact only too well. Unquestionably other exposures are still in store, and this

174. Pfaff: *Astrology*. 175. *Mediz.-Chirurg Aufsätze*, p. 19, sq.: Berlin, 1778.

176. *Die Philosophie der Geschichte*, Teil III. 177. *History of Magic*, II, p. 229, sq.

178. Kemshead says in his *Inorganic Chemistry* that "the element *hydrogen* was first mentioned in the sixteenth century by Paracelsus, but very little was known of it in any way." (P. 66.) And why not be fair and confess at once that Paracelsus was the *re-discoverer* of hydrogen as he was the *re-discoverer* of the hidden properties of the magnet and animal magnetism? It is easy to show that according to the strict vows of secrecy taken and faithfully observed by every Rosicrucian (and especially by the alchemist) he kept his knowledge secret. Perhaps it would not prove a very difficult task for any chemist well versed in the works of Paracelsus to demonstrate that *oxygen*, the discovery of which is credited to Priestley, was known to the Rosicrucian alchemists as well as hydrogen.

will continue until tests have become so perfect and spiritualists so reasonable as no longer to furnish opportunity to mediums, or weapons to adversaries.

What should sensible spiritualists think of the character of *angel* guides who after monopolizing, perhaps for years, a poor medium's time, health and means, suddenly abandon him when he most needs their help? None but creatures *without soul or conscience* would be guilty of such injustice. Conditions? — Mere sophistry. What sort of 'spirits' must they be who would not summon if necessary an army of 'spirit-friends' (if such there be) to snatch the innocent medium from the pit dug for his feet? Such things happened in the olden time, such may happen now. *There were apparitions before modern spiritualism, and phenomena like ours in every previous age.* If modern manifestations are realities and palpable facts, so must have been the so-called 'miracles' and thaumaturgic exploits of old; or if the latter are but fictions of superstition so must be the former, for they rest on no better testimony.

But in this daily-increasing torrent of occult phenomena rushing from one side of the globe to the other, though two-thirds of the manifestations are proved spurious, what of those which are proved genuine beyond doubt or cavil? Among these may be found communications coming through non-professional as well as professional mediums, which are sublime and divinely grand. Often through young children and simple-minded ignorant persons we receive philosophical teachings and precepts, poetry and inspirational orations, music and paintings that are fully worthy of the reputations of their alleged authors. Their prophecies are often verified and their moral disquisitions beneficent, though the latter are of rarer occurrence. Who are those spirits, what those powers or intelligences which are evidently *outside* of the medium proper, and entities *per se*? These *intelligences* deserve the appellation; and they differ as widely from the generality of spooks and goblins that hover around the cabinets for physical manifestations, as day from night.

We must confess that the situation appears to be very grave. The control of mediums by such unprincipled and lying 'spirits' is constantly becoming more and more general; and the pernicious effects of *seeming* diabolism constantly multiply. Some of the best mediums are abandoning the public rostrum and retiring from this influence; and the movement is drifting churchward. We venture the prediction that unless spiritualists set about the study of ancient philosophy and learn to distinguish kinds of 'spirits' and how to guard themselves against the baser sort, twenty-five years will hardly elapse before they will have to fly

to the Romish communion to escape these 'guides' and 'controls' that they have fondled so long. The signs of this catastrophe already exhibit themselves. At a recent convention in Philadelphia it was seriously proposed to organize a sect of *Christian Spiritualists*! This is because, having withdrawn from the church and learned nothing of the philosophy of the phenomena, or the nature of their spirits, they are drifting about on a sea of uncertainty like a ship without compass or rudder. They cannot escape the dilemma; they must choose between Porphyry and Pio Nono.

While men of genuine science, such as Wallace, Crookes, Wagner, Butlerof, Varley, Buchanan, Hare, Reichenbach, Thury, Perty, De Morgan, Hoffman, Goldschmidt, W. Gregory, Flammarion, Sergeant Cox and many others, firmly believe in the current phenomena, many of the above-named reject the theory of departed spirits. Therefore it seems but logical to think that if the London 'Katie King,' the only materialized *something* which the public is obliged more or less to credit out of respect to science, is not the spirit of an ex-mortal, then it must be the astral solidified shadow either of one of the Rosicrucian spooks — "fantasies of superstition" — or of some as yet unexplained force in nature. Be it however a "spirit of health or goblin damned," it is of little consequence; for if it be once proved that its organism is not solid matter, then it must be and is a 'spirit,' an apparition, a *breath*. It is an intelligence which acts outside our organisms and therefore must belong to some existing even though unseen race of beings. But what is it? What is this something which thinks and even speaks but yet is not human, that is impalpable and yet not a disembodied spirit; that simulates affection, passion, remorse, fear, joy, yet feels none of them? What is this canting creature which rejoices in cheating the truthful inquirer and mocking at sacred human feeling? For, if not Mr. Crookes's Katie King, other similar creatures have done these things. Who can fathom the mystery? The true psychologist alone. And where should he go for his text-books but to the neglected alcoves of libraries where the works of despised Hermetists and theurgists have been gathering dust these many years?

Says Henry More, the revered English Platonist, in his answer to an attack on the believers in 'spiritual' and magic phenomena by a skeptic of that age named Webster:¹⁷⁹ "As for that other opinion, that the

179. "Letter to J. Glanvil, chaplain to the King, and r. s. s." Glanvil was the author of the celebrated work (in which this letter appears) on Apparitions, etc., entitled *Saducismus triumphatus, or full and plain evidence concerning witches, etc.*, in two parts, "proving partly by Scripture, and partly by a choice collection of modern relations, the real existence of apparitions, spirits and witches." (London, 1681.)

greater part of the reformed divines hold that it was the Devil that appeared in Samuel's shape, . . . (nor do I doubt but that in many of these necromantic apparitions, they are *ludicrous spirits, not the souls of the deceased that appear*), yet I am clear for the appearing of the soul of Samuel . . . and as clear that in other necromancies it may be . . . such kind of spirits, as Porphyrius above describes, 'that change themselves into omnifarious forms and shapes, and one while act the parts of daemons, another while of angels or gods, and another while of *the souls of the deceased*.' And I confess such a spirit as this might *personate* Samuel here, for anything Webster alleged to the contrary, for his arguments indeed are wonderfully weak and wooden."

When such a metaphysician and philosopher as Henry More gives such testimony as this, we may well assume our point to have been well taken. Learned investigators, all very skeptical as to spirits in general and 'departed human spirits' in particular, during the last twenty years have taxed their brains to invent new names for an old thing. Thus, with Mr. Crookes and Sergeant Cox, it is the "psychic force." Professor Thury of Geneva calls it the "psychode" or *ecten*ic force; Professor Balfour Stewart, the "electro-biological power"; Faraday, the "great master of experimental philosophy in physics," but apparently a novice in psychology, superciliously termed it an "unconscious muscular action," an "unconscious cerebration," and what not; Sir William Hamilton, a "latent thought"; Dr. Carpenter, "the ideo-motor principle," etc., etc. So many scientists — so many names.

Years ago the old German philosopher, Schopenhauer, disposed of this force and matter at the same time; and since the conversion of Mr. Wallace, the great anthropologist has evidently adopted his ideas. Schopenhauer's doctrine is that the universe is but the manifestation of the will. Every force in nature is also an effect of will, representing a higher or lower degree of its objectiveness. It is the teaching of Plato, who stated distinctly that everything visible was created or evolved out of the invisible and eternal WILL, and after its fashion. Our Heaven — he says — was produced according to the eternal pattern of the 'Ideal World,' contained, as everything else, in the dodecahedron, the geometrical model used by the Deity.¹⁸⁰ With Plato the Primal Being is an emanation of the Demiurgic Mind (*Nous*), which contains from the eternity the "*idea*" of the "to be created world" within itself, and which idea it produces out of itself.¹⁸¹ The laws of nature are the established relations of this *idea* to the forms of its manifestations; "these

180. Plato: *Timaeus*, 9, 29; cf. *Timaeus* Locrius, § 5.

181. See Movers: *Die Phönizier*, I, p. 268; Proclus on the *Parmen.*, V; cf. Cory: *Anct. Frag.*, pp. 247-8 (edit. 1832).

forms," says Schopenhauer, "are time, space, and causality. Through time and space the idea varies in its numberless manifestations."

These ideas are far from being new, and even with Plato they were not original. This is what we read in the *Chaldaean Oracles*:¹⁸² "The works of nature co-exist with the intellectual [*νοερός*], spiritual Light of the Father. For it is the soul [*ψυχή*] which adorned the great heaven, and which adorns it after the Father."

"The incorporeal world then was already completed, having its seat in the Divine Reason," says Philo,¹⁸³ who is erroneously accused of deriving his philosophy from Plato's.

In the *Theogony* of Mochus we find Aether first, and then the air; the two principles from which Ulom, the *intelligible* [*νοητός*] God (the visible universe of matter), is born.¹⁸⁴

In the Orphic hymns, the Eros-Phanes evolves from the Spiritual Egg, which the Aethereal winds impregnate, Wind ¹⁸⁵ being 'the spirit of God,' who is said to move in Aether "brooding over the Chaos"—the Divine 'Idea.' "In the Hindû *Katha-Upanishad*, Purusha, the Divine Spirit, already stands before the original matter, from whose union springs the great Soul of the World, *Mahâ-Âtmâ*, Brahm, the Spirit of Life";¹⁸⁶ these latter appellations are identical with the Universal Soul, or *Anima Mundi*, and the Astral Light of the theurgists and kabalists.

Pythagoras brought his doctrines from the eastern sanctuaries, and Plato compiled them into a form more intelligible to the uninitiated mind than the mysterious numerals of the sage whose doctrines he had fully embraced. Thus the *Cosmos* is 'the Son' with Plato, having for his father and mother the Divine Thought and Matter.¹⁸⁷

"The Egyptians," says Dunlap,¹⁸⁸ "distinguish between an older and younger Horus, the former the *brother* of Osiris, the latter the *son* of Osiris and Isis." The first is the *Idea* of the world remaining in the Demiurgic Mind, "born in darkness before the creation of the world." The second Horus is this 'Idea' going forth from the *Logos*, becoming clothed with matter, and assuming an actual existence.¹⁸⁹

"The mundane God, eternal, boundless, young and old, of winding form,"¹⁹⁰ say the *Chaldaean Oracles*.

This "winding form" is a figure to express the vibratory motion of the Astral Light, with which the ancient priests were perfectly well

182. Cory: *Anct. Frag.*, 'Chaldaean Oracles,' p. 243.

183. Philo Jud.: *De mundi opif.*, § 10.

184. Movers: *Die Phönizier*, I, p. 282.

185. K. O. Müller: *Liter. of Anct. Græce*, p. 236.

186. A. Weber: *Akad. Vorles.*, pp. 213, 214, etc.

187. Plutarch: *Isis and Osiris*, § 56.

188. *Spirit-History of Man*, p. 188.

189. Movers: *Die Phönizier*, I, p. 268.

190. Cory: *Anct. Frag.*, p. 240.

acquainted, though they may have differed with modern scientists in their views of the ether; for in the Aether they placed the Eternal Idea pervading the Universe, or the *Will* which becomes *Force* and creates or organizes *matter*.

"The will," says Van Helmont, "is the first of all powers. For through the will of the Creator all things were made and put in motion. . . . The will is the property of all spiritual beings, and displays itself in them the more actively the more they are freed from matter."¹⁹¹ And Paracelsus, "the divine," as he was called, adds in the same strain: "*Faith* must confirm the imagination, for faith establishes the *will*. . . . Determined will is a beginning of all magical operations. Because men do not perfectly imagine and believe, the result is that the arts are uncertain, while they might be perfectly certain."

The mere power of opposition possessed by unbelief and skepticism, if projected in a current of equal force, can check the other, and sometimes completely neutralize it. Why should spiritualists wonder that the presence of some strong skeptics, or of those who, feeling bitterly opposed to the phenomenon, unconsciously exercise their will-power in opposition, hinders and often stops altogether the manifestations? If there is no *conscious* power on earth but sometimes finds another to interfere with or even counterbalance, why wonder when the *unconscious*, passive power of a medium is suddenly paralysed in its effects by another opposing one, though it be also unconsciously exercised? Professors Faraday and Tyndall boasted that their presence at a circle would stop at once every manifestation. This fact alone ought to have proved to the eminent scientists that some force in these phenomena was worthy of arresting their attention. As a scientist, Prof. Tyndall was perhaps pre-eminent in the circle of those who were present at the *séance*; as a shrewd observer not easily deceived by a tricky medium, he was perhaps no better than, if as clever as others in the room, and if the manifestations were but a fraud so ingenious as to deceive the others, they would not have stopped even on *his* account. What medium can ever boast of such phenomena as were produced by Jesus, and the apostle Paul after him? Yet even Jesus met with cases where the unconscious force of resistance overpowered even his so well directed current of will. "And he did not many mighty works there, because of their unbelief."

There is a reflexion of every one of these views in Schopenhauer's philosophy. Our 'investigating' scientists might consult his works with profit. They will find therein many a strange hypothesis founded on old ideas; speculations on the 'new' phenomena, which may prove as reasonable as any; and be saved the useless trouble of inventing new

191. Van Helmont: *Blas humanum*, §§ 9, 10.

theories. The psychic and ectenic forces, the 'ideo-motor' and 'electro-biological powers'; 'latent thought' and even 'unconscious cerebration' theories, can be condensed into two words: the kabalistic ASTRAL LIGHT.

The bold theories and opinions expressed in Schopenhauer's works differ widely from those of the majority of our orthodox scientists. "In reality," remarks this daring speculator, "there is neither *matter* nor *spirit*. . . . The tendency to gravitation in a stone is as unexplainable as thought in human brain. . . . If matter can — no one knows why — fall to the ground, then it can also — no one knows why — think. . . . As soon, even in mechanics, as we pass beyond the purely mathematical, as soon as we reach the inscrutable, adhesion, gravitation, and so on, we are faced by phenomena which are to our senses as mysterious as the WILL and THOUGHT in man — we find ourselves facing the incomprehensible, for such is every force in nature. Where is then that *matter* which you all pretend to know so well; and from which — being so familiar with it — you draw all your conclusions and explanations, and attribute to it all things? . . . That which can be fully realized by our reason and senses, is but the superficial: they can never reach the true inner substance of things. Such was the opinion of Kant. If you consider that there is in a human head some sort of a *spirit*, then you are obliged to concede the same to a stone. If your dead and utterly passive matter can manifest a tendency toward gravitation, or, like electricity, attract and repel, and send out sparks — then, as well as the brain, it can also think. In short, every particle of the so-called spirit we can replace with an equivalent of matter, and every particle of matter replace with spirit. . . . Thus it is not the Cartesian division of all things into matter and spirit that can ever be found philosophically exact; but only if we divide them into *will* and *manifestation*, which form of division has naught to do with the former. For it spiritualizes everything: all that which is in the first instance real and objective — body and matter — it transforms into a representation, and every manifestation into will." ¹⁹²

These views corroborate what we have expressed about the various names given to the same thing. The disputants are battling about mere words. Call the phenomena force, energy, electricity or magnetism, will, or spirit-power, they will ever be the partial manifestation of the *soul*, — whether disembodied or imprisoned for a while in its body — of a portion of that intelligent, omnipotent, and individual WILL, pervading all nature, and known, through the insufficiency of human language to express correctly psychological images, as — GOD.

The ideas of some of our schoolmen about matter are, from the

192. *Parerga und Paralipomena*, II, pp. 89, 90: Berlin, 1851.

kabalistic standing-point, in many ways erroneous. Hartmann calls their views "an *instinctual* prejudice." Furthermore he demonstrates that no experimenter can have anything to do with matter properly termed, but only with the forces into which he divides it. The visible effects of matter are but the effects of force. He concludes therefrom that what is now called matter is nothing but the aggregation of atomic forces, to express which the word *matter* is used: outside of that, matter is for science but a word void of sense. Notwithstanding many an honest confession on the part of our specialists — physicists, physiologists and chemists — that they know nothing whatever of matter,¹⁹³ *they deify it*. Every new phenomenon which they find themselves unable to explain is trituerated, compounded into incense, and burned on the altar of the goddess who patronizes modern scientists.

No one can better treat his subject than does Schopenhauer in his *Parerga*. In this work he discusses at length animal magnetism, clairvoyance, sympathetic cures, seership, magic, omens, ghost-seeing, and other spiritual matters. All these manifestations, he says, "are branches of one and the same tree, and furnish us with irrefutable proofs of the existence of a chain of beings which is based on quite a different order of things than that nature which has at its foundation laws of space, time and adaptability. This other order of things is far deeper, for it is the original and the direct one; in its presence the common laws of nature, which are simply formal, are unavailing; therefore under its immediate action neither time nor space can separate any longer the individuals, and the separation impendent on these forms presents no more insurmountable barriers for the intercourse of thoughts and the immediate action of the will. In this manner changes may be wrought by quite a different course than the course of physical causality, *i. e.*, through an action of the manifestation of the will exhibited in a peculiar way and outside the individual himself. Therefore the peculiar character of all the aforesaid manifestations is the *visio in distante et actio in distante* (vision and action at a distance) in relation to time as well as in relation to space." Such an action at a distance is just what constitutes the fundamental character of what is called *magical*; for such is the immediate action of our will, an action liberated from one of the causal conditions of physical action, *viz.*, contact.

"Besides that," continues Schopenhauer, "these manifestations present to us a substantial and perfectly logical contradiction to materialism, and even to naturalism," because in the light of such manifestations, "that order of things in nature which both these philosophies seek to present as absolute and the only genuine, appears before us on the

193. See Huxley: *The Physical Basis of Life*, p. 129.

contrary purely phenomenal and superficial, and containing at the bottom of it a substance of things *a parte* and perfectly independent of its own laws. That is why these manifestations — at least from a purely philosophical point of view — among all the facts which are presented to us in the domain of experiment, are beyond any comparison the most important. Therefore it is the duty of every scientist to acquaint himself with them.”¹⁹⁴

To pass from the philosophical speculations of a man like Schopenhauer to the superficial generalizations of some of the French Academicians would be profitless but for the fact that it enables us to estimate the intellectual grasp of the two schools of learning. What the German makes of profound psychological questions, we have seen. Compare with it the best that the astronomer Babinet and the chemist Boussingault can offer by way of explaining an important spiritualistic phenomenon. In 1854-5 these distinguished specialists presented to the Academy a *mémoire*, or monograph, whose evident object was to corroborate and at the same time make clearer Dr. Chevreuil's too complicated theory in explanation of the turning-tables (he having been a member of the commission for the investigation of this subject).

We quote *verbatim*: “As to the movements and oscillations *alleged* to happen with certain tables, they can have no other cause than the *invisible* and involuntary vibrations of the experimenter's muscular system; the extended contraction of the muscles manifesting itself at such time by a series of vibrations, and becoming thus a *visible tremor* which communicates to the object a circumrotary motion. This rotation is thus enabled to manifest itself with a considerable energy, either by a very great speed, or by a strong resistance when it is required to stop. Hence the physical explanation of the phenomenon becomes clear and does not offer the slightest difficulty.”¹⁹⁵

None whatever. This scientific hypothesis — or demonstration shall we say? — is as clear as one of M. Babinet's nebulae examined on a foggy night.

And still, clear as it may be, it lacks an important feature, *i. e.*, common sense. We are at a loss to decide whether or not Babinet accepts *en désespoir de cause* Hartmann's proposition that “the visible effects of matter are nothing but the effects of a force,” and, that in order to form a clear conception of matter, one must first form one of force. The philosophy to the school of which Hartmann belongs, and which is partly accepted by several of the greatest German scientists, teaches that

194. *Parerga und Paralipomena*, I, pp. 252-4. See also article, ‘Animal Magnetism and Magic,’ in Schopenhauer: *On the Will in Nature*: Bohn's Philosophical Library, 1889.

195. *Revue des Deux Mondes*, Jan. 15, 1854, p. 408.

the problem of matter can only be solved by that invisible Force, acquaintance with which Schopenhauer terms the "magical knowledge" and "magical effect or action of Will." Thus we must first ascertain whether the "involuntary vibrations of the experimenter's muscular system," which are but "actions of matter," are influenced by a will *within* the experimenter or *without*. In the former case Babinet makes of him an unconscious epileptic; the latter, as we shall further see, he rejects altogether, attributing all intelligent answers of the tipping or rapping tables to "unconscious ventriloquism."

We know that every exertion of will results in *force*, and that according to the above-named German school the manifestations of atomic forces are individual actions of will, resulting in the unconscious rushing of atoms into the concrete image already subjectively created by the will. Democritus taught, after his instructor Leucippus, that the first principles of all things contained in the universe were atoms and a *vacuum*. In its kabalistic sense the *vacuum* means in this instance the *latent* Deity, or latent force, which at its first manifestation became *WILL*, and thus communicated the first impulse to these atoms — whose agglomeration is matter. This vacuum was but another name for chaos, and an unsatisfactory one, for according to the Peripatetics "nature abhors a vacuum."

That before Democritus the ancients were familiar with the idea of the indestructibility of matter is proved by their allegories and by numerous facts. Movers¹⁹⁶ gives a definition of the Phœnician idea of the ideal sun-light as a spiritual influence issuing from the highest God, *Iao*, "the light conceivable only by intellect — the physical and spiritual Principle of all things — out of which the soul emanates." It was the male Essence, or Wisdom, while the primitive matter or *Chaos* was the female. Thus the two first principles, co-eternal and infinite, were already with the primitive Phœnicians spirit and matter. Therefore the theory is as old as the world; for Democritus was not the first philosopher who taught it; and intuition existed in man before the ultimate development of his reason. But it is in the denial of the boundless and endless Entity, possessor of that invisible Will which we for lack of a better term call God, that lies the powerlessness of every materialistic science to explain the occult phenomena. It is in the rejection *a priori* of everything which might force them to cross the boundary of exact science and step into the domain of psychological, or, if we prefer, metaphysical physiology, that we find the secret cause of their discomfiture by the manifestations, and their absurd theories to account for them. The ancient philosophy affirmed that it is in consequence of the manifestation of that Will — termed by Plato *the Divine Idea* — that everything visible and invisible

196. *Die Phönizier*, I, 553-4.

sprang into existence. As that Intelligent Idea which, by directing its sole will-power toward a center of localized forces, called objective forms into being, so can man, the microcosm of the great Macrocosm, do the same in proportion with the development of his will-power. The imaginary atoms — a figure of speech employed by Democritus, and gratefully seized upon by the materialists — are like automatic workmen moved inwardly by the influx of that Universal Will directed upon them, and which, manifesting itself as force, sets them into activity. The plan of the structure to be erected is in the brain of the Architect, and reflects his will; abstract as yet, from the instant of the conception it becomes concrete through these atoms which follow faithfully every line, point and figure traced in the imagination of the Divine Geometer.

As God creates, so man can create. Given a certain intensity of will, and the shapes created by the mind become subjective. Hallucinations they are called, although to their creator they are real as any visible object is to any one else. Given a more intense and intelligent concentration of this will, and the form becomes concrete, visible, objective; the man has learned the secret of secrets; he is a MAGICIAN.

The materialist should not object to this logic, for he regards thought as matter. Conceding it to be so, the cunning mechanism contrived by the inventor, the fairy scenes born in the poet's brain, the gorgeous painting limned by the artist's fancy, the peerless statue chiseled in ether by the sculptor, the palaces and castles built in air by the architect — all these, though invisible and subjective, must exist, for they are matter, shaped and molded. Who shall say then, that there are not some men of such imperial will as to be able to drag into view these air-drawn fancies, enveloped in the hard casing of gross substance, tangible as well as visible?

If the French scientists reaped no laurels in the new field of investigation, what more was done in England, until the day when Mr. Crookes offered himself in atonement for the sins of the learned body? Why, Mr. Faraday some twenty years ago actually condescended to be spoken to once or twice upon the subject. Faraday, whose name is pronounced by the anti-spiritualists in every discussion upon the phenomena as a sort of scientific charm against the evil-eye of Spiritualism; Faraday, who "blushed" for having published his researches upon such a degrading belief, is now proved on good authority to have never himself sat at a tipping table at all! We have but to open a few stray numbers of the *Journal des Débats*, published while a noted Scottish medium was in England, to recall past events in all their primitive freshness. In one of these numbers,¹⁹⁷ Dr. Foucault of Paris comes out as a champion

for the eminent English experimenter. "Pray do not imagine," says he, "that the great physicist had ever himself condescended so far as to sit prosaically at a round table in order to make it turn under his own hand." ¹⁹⁸ Whence then came the "blushes" which suffused the cheeks of the "Father of Experimental Philosophy"? Remembering this, we shall now examine the nature of Faraday's beautiful "Indicator," the extraordinary "Medium-Catcher" invented by him for the detection of mediumistic fraud. That complicated machine, the memory of which haunts like a nightmare the dreams of dishonest mediums, is carefully described in Comte de Mirville's *Question des esprits*.

The better to prove to the experimenters the reality of their own impulsion, Professor Faraday placed several card-board disks, united to each other and stuck to the table by a half-soft glue which, making the whole adhere for a time together, would nevertheless yield to a continuous pressure. Now the table having turned — yes, actually *having dared to turn before Mr. Faraday*, which fact is of some value, at least — the disks were examined; and as they were found to have gradually displaced themselves by slipping in the same direction as the table, it thus became an unquestionable proof that the experimenters had *pushed* the table themselves.

Another of the so-called scientific tests, so useful in a phenomenon alleged to be either spiritual or psychical, consisted of a small instrument which immediately warned the witnesses of the slightest personal impulsion on their part, or rather, according to Mr. Faraday's own expression, "it warned them when they changed from the passive to the active state." This needle which betrayed the active motion proved but one thing, viz.: the action of a force which either emanated from the sitters or controlled them. And who has ever said that there is no such force? Every one admits so much, whether this force passes through the operator, as it is generally shown, or acts independently of him, as is so often the case. "The whole mystery consisted in the disproportion of the force employed by the operators, who pushed because they were forced to push, with certain effects of rotation, or rather of a really marvelous steeple-chase. In the presence of such prodigious effects, how could any one imagine that the Lilliputian experiments of that kind could have any value in this newly-discovered Land of Giants?" ¹⁹⁹

Professor Agassiz, who occupied in America nearly the same eminent position as a scientist which Mr. Faraday did in England, acted with a still greater unfairness. Professor J. R. Buchanan, the distinguished anthropologist, who has treated Spiritualism in some respects more

198. De Gasparin: *Science vs. Modern Spiritualism*, I, 180: New York, 1857.

199. Comte de Mirville: *Question des esprits*, p. 8: Paris, 1855.

scientifically than any one else in America, speaks of Agassiz in a recent article with a very just indignation. For of all men Professor Agassiz ought to believe in a phenomenon to which he had been a subject himself. But now that both Faraday and Agassiz are themselves *disembodied*, we can do better by questioning the living than the dead.

Thus a force whose secret powers were thoroughly familiar to the ancient theurgists is denied by modern skeptics. The antediluvian children — who perhaps played with it, using it as the boys in Bulwer Lytton's *Coming Race* use the tremendous 'tril' — called it the 'Water of Pthah'; their descendants named it the *Anima Mundi*, the soul of the universe; and still later the medieval Hermetists termed it 'sidereal light,' or the 'Milk of the Celestial Virgin,' the 'Magnes,' and many other names. But our modern learned men will neither accept nor recognise it under such appellations; for it pertains to *magic*, and magic is in their conception a disgraceful superstition.

Apollonius and Iamblichus held that it was not in the knowledge of things *without*, but in the perfection of the soul *within*, that lies the empire of man aspiring to be more than man.²⁰⁰ Thus they had arrived at a perfect cognisance of their godlike souls, the powers of which they used with all that wisdom, the outgrowth of esoteric study of the Hermetic lore, inherited by them from their forefathers. But our philosophers, tightly shutting themselves up in their shells of flesh, cannot or dare not carry their timid gaze beyond the *comprehensible*. For them there is no future life; there are no godlike dreams, they scorn them as unscientific; for them the men of old are but "ignorant ancestors," as they express it; and whenever they meet during their physiological researches with an author who believes that this mysterious yearning after spiritual knowledge is inherent in every human being, and cannot have been given us utterly in vain, they regard him with contemptuous pity.

Says a Persian proverb: "The darker the sky is, the brighter the stars will shine." Thus on the dark firmament of the medieval ages began appearing the mysterious Brothers of the Rosie Cross. They formed no associations, they built no colleges; for, hunted up and down like so many wild beasts, when caught by the Christian Church they were unceremoniously roasted. "As religion forbids it," says Bayle, "to spill blood," therefore "to elude the maxim, *Ecclesia non norit sanguinem*, they burned human beings, as burning a man does not *shed his blood!*"²⁰¹

Many of these mystics, by following what they were taught by some treatises secretly preserved from one generation to another, achieved discoveries which would not be despised even in our modern days of exact sciences. Roger Bacon the friar was laughed at as a quack, and

200. Cf. Bulwer Lytton: *Zanoni*, Bk. III, ch. ix.

201. *Dict. hist. et critique*.

is now generally numbered among 'pretenders' to magic art; but his discoveries were nevertheless accepted, and are now used by those who ridicule him the most. Roger Bacon belonged by right if not by fact to that Brotherhood which includes all those who study the occult sciences. Living in the thirteenth century, almost a contemporary therefore of Albertus Magnus and Thomas Aquinas, his discoveries — such as gunpowder and optical glasses — and his mechanical achievements were considered by every one as so many miracles. He was accused of having made a compact with the Evil One.

In the legendary history of Friar Bacon, as well as in an old play written by Robert Green, a dramatist in the days of Queen Elizabeth, it is recounted that, having been summoned before the King, the friar was induced to show some of his skill before Her Majesty the Queen. So he waved his hand (*his wand*, says the text), and "presently was heard such excellent music that they all said they had never heard the like." Then still louder music was heard and five apparitions suddenly presented themselves and danced until they vanished and disappeared in the air. Then he waved his wand again, and "suddenly there was such a smell as if all the rich perfumes in the whole world had been there prepared in the best manner that art could set them out." Then Roger Bacon having promised a gentleman to show him his sweetheart, he pulled a hanging in the King's apartment aside, and every one in the room saw "a kitchen-maid with a basting-ladle in her hand." The proud gentleman, although he recognised the maiden who disappeared as suddenly as she had appeared, was enraged at the humiliating spectacle, and threatened the friar with his revenge. What does the magician do? He simply answers: "Threaten not, lest I do you more shame; and do you take heed how you give *scholars* the lie again!"

As a commentary on this the modern historian²⁰² remarks: "This may be taken as a sort of exemplification of the class of exhibitions which were probably the result of a *superior knowledge* of natural science." No one ever doubted that it was the result of precisely such a knowledge, and the Hermetists, magicians, astrologers and alchemists never claimed anything else. It certainly was not their fault that the ignorant masses, under the influence of an unscrupulous and fanatical clergy, should have attributed all such works to the agency of the devil. In view of the atrocious tortures provided by the Inquisition for all suspected of either black or white magic, it is not strange that these philosophers neither boasted nor even acknowledged the fact of such an intercourse. On the contrary their own writings prove that they held that magic is "no more than the application of natural active causes to passive things

202. Thos. Wright: *Narratives of Sorcery and Magic*, I, 127-8.

or subjects; by means thereof many tremendously surprising but yet natural effects are produced."

The phenomena of the mystic odors and music, exhibited by Roger Bacon, have been often observed in our own time. To say nothing of our personal experience, we are informed by English correspondents of the Theosophical Society that they have heard strains of the most ravishing music coming from no visible instrument, and inhaled a succession of delightful odors produced as they believed by spirit-agency. One correspondent tells us that so powerful was one of these familiar odors — that of sandal-wood — that the house would be impregnated with it for weeks after the *séance*. The medium in this case was a member of a private family, and the experiments were all made within the domestic circle. Another describes what he calls a "*musical rap*." The potencies that are now capable of producing these phenomena must have existed and been equally efficacious in the days of Roger Bacon. As to the apparitions, it suffices to say that they are evoked now in spiritualistic circles and guaranteed by scientists, and their evocation by Roger Bacon is thus made more probable than ever.

Baptista Porta, in his treatise on *Natural Magic*, enumerates a whole catalog of secret formulae for producing extraordinary effects by employing the occult powers of nature. Although the 'magicians' believed as firmly as our spiritualists in a world of invisible spirits, none of them claimed to produce his effects under their control or through their sole help. They knew too well how difficult it is to keep away the elementary creatures when they have once found the door wide open. Even the magic of the ancient Chaldeans was but a profound knowledge of the powers of simples and minerals. It was only when the theurgist desired *divine* help in spiritual and earthly matters that he sought direct communication, through religious rites, with pure spiritual beings. With them, even, those spirits who remain invisible and communicate with mortals through their awakened inner senses, as in clairvoyance, clair-audience and trance, could only be evoked *subjectively* and as a result of purity of life and prayer. But all physical phenomena were produced simply by applying a knowledge of natural forces, although certainly not by the method of legerdemain, practised in our days by conjurers.

Men possessed of such knowledge and exercising such powers patiently toiled for something better than the vain glory of a passing fame. Seeking it not, they became immortal, as do all who labor for the good of the race, forgetful of mere self. Illuminated with the light of eternal truth, these rich-poor alchemists fixed their attention upon the things that lie beyond the common ken, recognising nothing inscrutable but the First Cause, and finding no question insolvable. To dare, to know,

to will, and REMAIN SILENT, was their constant rule; to be beneficent, unselfish, and unpretending, were with them spontaneous impulses. Disdaining the rewards of petty traffic, spurning wealth, luxury, pomp, and worldly power, they aspired to knowledge as the most satisfying of all acquisitions. They esteemed poverty, hunger, toil, and the evil report of men, as none too great a price to pay for its achievement. They, who might have lain on downy, velvet-covered beds, suffered themselves to die in hospitals and by the wayside, rather than debase their souls and allow the profane cupidity of those who tempted them to triumph over their sacred vows. The lives of Paracelsus, Cornelius Agrippa, and Philalethes are too well known to repeat the old, sad story.

If spiritualists are anxious to keep strictly dogmatic in their notions of the 'spirit-world,' they must not set *scientists* to investigate their phenomena in the true experimental spirit. The attempt would most surely result in a partial re-discovery of the magic of old — that of Moses and Paracelsus. Under the deceptive beauty of some of their apparitions, they might find some day the sylphs and fair undines of the Rosicrucians playing in the currents of *psychic* and *odic* force.

Already Mr. Crookes, who fully credits the *being*, feels that under the fair skin of Katie, covering a simulacrum of heart borrowed partially from the medium and the circle, there is *no soul!* And the learned authors of *The Unseen Universe*, abandoning their 'electro-biological' theory, begin to perceive in the universal ether the *possibility* that it is a photographic album of AIN-SOPH — the Boundless.²⁰³

We are far from believing that all the 'spirits' that communicate at circles are of the classes called 'Elemental' and 'Elementary.' Many — especially among those who control the medium subjectively to speak, write, and perform acts of various kinds — are human, disembodied spirits. Whether the majority of such 'spirits' are good or *bad* largely depends on the private morality of the medium, much on the circle present, and a great deal on the intensity and scope of their purpose. If this object is merely to gratify curiosity and to pass the time, it is useless to expect anything serious. But in any case human spirits can *never* materialize themselves *in propria persona*. These can never appear to the investigator clothed with warm, solid flesh, sweating hands and faces, and grossly material bodies. The most they can do is to project their aetherial reflexion on the atmospheric waves, and if the touch of their hands and clothing can become upon rare occasions objective to the senses of a living mortal, it will be felt as a passing breeze gently sweeping over the touched spot, not as a human hand or material body. It is useless to plead that the 'materialized spirits' that have exhibited themselves with

203. Cf. ch. vii, § 196, *sq.*: edition of 1894.

beating hearts and loud voices (with or without a trumpet) are *human* spirits. The voice — if such sound can be termed a voice at all — of a spiritual apparition once heard can hardly be forgotten. That of a pure spirit is like the tremulous murmur of an Aeolian harp echoed from a distance; the voice of a suffering, hence impure, if not utterly bad spirit, may be assimilated to a human voice issuing from an empty barrel.

This is not *our* philosophy, but that of the numberless generations of theurgists and magicians, and based upon their practical experience. The testimony of antiquity is positive on this subject: “*Δαμονίων φωνὰν ἀνθρώποι εἰσι. . .*”²⁰⁴ The voices of spirits are not articulated. The spirit-voice consists of a series of sounds which conveys the impression of a column of compressed air ascending from beneath upward, and spreading around the living interlocutor. The many eye-witnesses who testified in the case of Elizabeth Eslinger, namely:²⁰⁵ the deputy-governor of the prison of Weinsberg, Mayer, Eckhardt, Theurer, and Knorr (sworn evidence), Duttenhofer, and the mathematician Kapff, testified that they saw the apparition *like a pillar of clouds*. For the space of eleven weeks Doctor Kerner and his son, several Lutheran ministers, the advocate Frass, the engraver Duttenhofer, two physicians, Seyffer and Sicherer, the judge Heyd, and the Baron von Hugel, with many others, witnessed this manifestation daily. During the time it lasted the prisoner Elizabeth prayed with a loud voice uninterruptedly; therefore as the ‘spirit’ was talking at the same time it could be no ventriloquism; and that voice, they say, “had nothing *human* in it; no one could imitate its sounds.”

Further on we shall give abundant proofs from ancient authors concerning some neglected truths. We shall now only again assert that no spirit claimed by the spiritualists to be human was ever proved to be such on sufficient testimony. The influence of the *disembodied* ones can be felt and communicated *subjectively* by them to sensitives. They can produce *objective* manifestations, but they cannot produce *themselves* otherwise than as described above. They can control the body of a medium, and express their desires and ideas in various modes well known to spiritualists; but not *materialize* what is matterless and purely spiritual — their *divine essence*. Thus every so-called ‘materialization’ — when genuine — is either produced (*perhaps*) by the will of that spirit whom the ‘appearance’ is claimed to be but whom it can only personate at best, or by the elementary goblins, which are generally too stupid to deserve the honor of being called devils. Upon rare occasions the spirits are able to subdue and control these soulless beings, which are ever ready to

204. See Des Mousseaux's ‘Dodone,’ in *Dieu et les dieux*, p. 326.

205. C. Crowe: *The Night Side of Nature*, p. 352, sq.: New York, 1853.

assume pompous names if left to themselves, in such a way that the mischievous spirit 'of the air,' shaped in the real image of the *human* spirit, will be moved by the latter like a marionette, and unable to either act or utter other words than those imposed on him by the 'immortal soul.' But this requires many conditions generally unknown to the circles or even spiritualists most in the habit of regularly attending *séances*. Not every one who likes can attract *human* spirits. One of the most powerful attractions of our departed ones is their strong affection for those whom they have left on earth. It draws them irresistibly, by degrees, into the current of the Astral Light vibrating between the person sympathetic to them and the Universal Soul. Other very important conditions are harmony and the magnetic purity of the persons present.

If this philosophy is wrong, if all the 'materialized' forms emerging in *darkened* rooms from still *darker* cabinets are spirits of men who once lived upon this earth, why such a difference between them and the *ghosts* that appear unexpectedly — *ex abrupto* — without either cabinet or medium? Who ever heard of apparitions — unrestful 'souls,' hovering about the spots where they were murdered, or coming back for some other mysterious reasons of their own — with 'warm hands' feeling *like living flesh*, and, but that they are known to be dead and buried, not distinguishable from living mortals? We have well-attested facts of apparitions making themselves suddenly visible, but never, until the beginning of the era of the 'materializations,' did we see anything like those. In the *Medium and Day-Break*, of September 8, 1876, we read a letter from "a lady traveling on the continent," narrating a circumstance that happened in a haunted house. She says: ". . . A strange sound proceeded from a darkened corner of the library . . . on looking up she perceived a *cloud or column of luminous vapor*; . . . the earth-bound spirit was hovering about the spot rendered accursed by his evil deed. . . ." As this 'spirit' was doubtless a *genuine* elementary apparition, which made itself visible of its own free will — in short, an *umbra* — it was, as every respectable shadow should be, visible but impalpable, or if palpable at all, communicating to the feeling of touch the sensation of a mass of water suddenly clasped in the hand, or of condensed but cold steam. It was *luminous* and *vapory*; for aught we can tell it might have been the real personal *umbra* of the 'spirit,' persecuted and earth-bound, either by its own remorse and crimes or those of another person or 'spirit.' The mysteries of after-death are many, and modern 'materializations' only make them cheap and ridiculous in the eyes of the indifferent.

To these assertions may be opposed a fact well known among spiritualists: *The writer has publicly certified to having seen such materialized forms.* We have most assuredly done so, and are ready to repeat the

testimony. We have recognised such figures as the visible representations of acquaintances, friends, and even relatives. We have, in company with many other spectators, heard them pronounce words in languages unfamiliar not only to the medium and to every one else in the room except ourselves, but in some cases to almost if not quite every medium in America and Europe, for they were the tongues of Eastern tribes and peoples. At the time, these instances were justly regarded as conclusive proofs of the genuine mediumship of the uneducated Vermont farmer who sat in the 'cabinet.' But nevertheless these figures were *not* the forms of the persons they appeared to be. They were simply their portrait-statues, constructed, animated and operated by the elementaries. If we have not previously elucidated this point, it was because the spiritualistic public was not then ready even to listen to the fundamental proposition that there are elemental and elementary spirits. Since that time this subject has been broached and more or less widely discussed. There is less hazard now in attempting to launch upon the restless sea of criticism the hoary philosophy of the ancient sages, for there has been some preparation of the public mind to consider it with impartiality and deliberation. Two years of agitation have effected a marked change for the better.

Pausanias writes that four hundred years after the battle of Marathon there were still heard, in the place where it was fought, the *neighing of horses* and the shouts of shadowy soldiers.²⁰⁶ Supposing that the specters of the slaughtered soldiers were their genuine spirits, they looked like 'shadows,' not materialized men. Who then, or what, produced the neighing of horses? *Equine* 'spirits'? And if it be pronounced untrue that horses have 'spirits' — which assuredly no one among zoölogists, physiologists or psychologists, or even spiritualists, can either prove or disprove — then must we take it for granted that it was the 'immortal souls' of men which produced the neighing at Marathon to make the historical battle scene more vivid and dramatic? The phantoms of dogs, cats, and various other animals have been repeatedly seen, and the world-wide testimony is as trustworthy upon this point as that with respect to human apparitions. Who or *what* personates, if we are allowed such an expression, the ghosts of departed animals? Is it, again, human 'spirits'? As the matter now stands, there is no side issue; we have either to admit that animals have surviving spirits and souls as well as ourselves, or hold with Porphyry that there are in the *invisible* world a kind of tricky and malicious demons, intermediary beings between living men and 'gods,' spirits that delight in appearing under every imaginable shape, beginning with the human form and ending with those of multifarious animals.²⁰⁷

206. Pausanias: *The Description of Greece* (transl. T. Taylor) 'Attics,' ch. xxxii: London, 1824.

207. *De abstinencia*, II, 38, sq.

Before venturing to decide the question whether the spectral animal forms so frequently seen and attested are the returning spirits of dead beasts, we must carefully consider their reported behavior. Do these specters act according to the habits of and display the same instincts as the animals during life? Do the spectral beasts of prey lie in wait for victims, and timid animals flee before the presence of man; or do the latter show a malevolence and disposition to annoy, quite foreign to their natures? Many victims of these obsessions — notably, the afflicted persons of Salem and other historical witchcrafts — testify to having seen dogs, cats, pigs, and other animals, entering their rooms, biting them, trampling upon their sleeping bodies, and *talking* to them; *often inciting them to suicide and other crimes*. In the well-attested case of Elizabeth Eslinger, mentioned by Dr. Kerner, the apparition of the ancient priest of Wimmenthal²⁰⁸ was accompanied by a large black dog, which he called *his father*, and which dog in the presence of numerous witnesses jumped on all the beds of the prisoners. At another time the priest appeared with a lamb, and sometimes with two lambs. Most of those accused at Salem were charged by the seeresses with consulting and plotting mischief with yellow birds, which would sit on the shoulder or on the beams overhead.²⁰⁹ And unless we discredit the testimony of thousands of witnesses, in all parts of the world, and in all ages, and allow a monopoly of seership to modern mediums, specter-animals do appear and manifest all the worst traits of depraved human nature, without themselves being human. What then can they be but elementals?

Descartes was one of the few who believed and dared say that to occult medicine we shall owe discoveries "destined to extend the domain of philosophy"; and Brierre de Boismont not only shared in these hopes but openly avowed his sympathy with 'supernaturalism,' which he considered the universal "grand creed." ". . . We think with Guizot," he says, "that the existence of society is bound up in it. It is in vain that modern reason, which, notwithstanding its *positivism*, cannot explain the intimate cause of any phenomenon, *rejects the supernatural*; it is universal, and at the root of all hearts. The most elevated minds are frequently its most ardent disciples."²¹⁰

Christopher Columbus discovered America, and Amerigo Vespucci reaped the glory and usurped his dues. Theophrastus Paracelsus rediscovered the occult properties of the magnet — 'the bone of Horus' which, twelve centuries before his time, had played such an important part in the theurgic mysteries — and he very naturally became the

208. C. Crowe: *The Night Side of Nature*, p. 350.

209. C. W. Upham: *Lectures on Witchcraft*; and I. Mather: *Further Account of the New England Witches*, p. 2. 210. A. Brierre de Boismont: *Hallucinations, etc.*, p. 60.

founder of the school of magnetism and of medieval magico-theurgy. But Mesmer, who lived nearly three hundred years after him, and as a disciple of his school brought the magnetic wonders before the public, reaped the glory that was due to the fire-philosopher, while the great master died in a hospital!

So goes the world: new discoveries, evolving from old sciences; new men — the same old Nature!

CHAPTER III

"The mirror of the soul cannot reflect both earth and heaven; and the one vanishes from its surface as the other is glassed upon its deep."— *Zanoni*, VII, ix.

"Qui, donc, t'a donné la mission d'annoncer au peuple que la Divinité n'existe pas — quel avantage trouves tu à persuader à l'homme qu'une force aveugle préside à ses destinées et frappe au hasard le crime et la vertu?" — ROBESPIERRE (Discours), May 7, 1794

WE believe that few of those physical phenomena which are genuine are caused by disembodied human spirits. Still, even those that are produced by occult forces of nature, such as happen through a few genuine mediums, and are consciously employed by the so-called 'jugglers' of India and Egypt, deserve a careful and serious investigation by science; especially now that a number of respected authorities have testified that in many cases the hypothesis of fraud does not hold. No doubt there are professed 'conjurers' who can perform cleverer tricks than all the American and English 'John Kings' together. Robert Houdin unquestionably could, but this did not prevent his laughing outright in the face of the academicians, when they desired him to assert in the newspapers that he could make a table move, or rap answers to questions, *without contact of hands*, unless the table was a prepared one.²¹¹ The fact alone, that a now notorious London juggler refused to accept a challenge for £1000 offered him by Mr. Algernon Joy,²¹² to produce such manifestations as are usually obtained through mediums, unless he was left *unbound* and *free* from the hands of a committee, negatives his *exposé* of the occult phenomena. Clever as he may be, we defy and challenge him to reproduce, under the *same conditions*, the 'tricks' exhibited even by a common Indian juggler. For instance, the spot to be chosen by the investigators at the moment of the performance, and the juggler to know nothing of the choice; the experiment to be made in broad daylight, without the least preparation for it; without any confederate but a boy absolutely naked, and the juggler to be in a condition of semi-nudity. After that, we should select out of a variety three *tricks*, the most common among such public jugglers, and that were recently exhibited to some gentlemen belonging to the suite of the Prince of Wales: 1. To transform a rupee — firmly

211. See De Mirville: *Question des esprits*; and De Gasparin: *Science vs. Modern Spiritualism*.

212. Honorary Secretary to the National Association of Spiritualists of London.

clasped in the hand of a skeptic — into a living cobra, the bite of which would prove fatal, as an examination of its fangs would show. 2. To cause a seed chosen at random by the spectators, and planted in the first semblance of a flower-pot furnished by the same skeptics, to grow, mature, and bear fruit in less than a quarter of an hour. 3. To stretch himself on three swords, stuck perpendicularly in the ground at their hilts, the sharp points upward; after that, to have removed first one of the swords, then the other, and after an interval of a few seconds the last one, the juggler remaining finally lying on *nothing* — on the air, miraculously suspended at about one yard from the ground. When any prestidigitateur, to begin with Houdin and end with the last trickster who has secured gratuitous advertisement by attacking spiritualism, does *the same*, then — but only then — we will train ourselves to believe that mankind has been evolved out of the hind-toe of Mr. Huxley's Eocene *Orohippus*.

We assert again, in full confidence, that there does not exist a professional wizard, either of the North, South or West, who can with anything approaching success compete with these untutored, naked sons of the East. These require no Egyptian Hall for their performances, nor any preparations or rehearsals; but are ever ready at a moment's notice to evoke to their help the hidden powers of nature which, for European prestidigitateurs as well as for scientists, are a closed book. Verily, as Elihu puts it, "great men are not always wise; neither do the aged understand judgment."²¹³ To repeat the remark of the English divine, Dr. Henry More, we may well say: ". . . indeed, if there were any modesty left in mankind, the histories of the Bible might abundantly assure men of the existence of angels and spirits." The same eminent man adds, "I look upon it as a special piece of Providence that . . . fresh examples of apparitions . . . may awaken their benumbed and lethargick minds into a suspicion at least, if not an assurance, that there are other intelligent beings besides those that are clothed in heavy earth or clay . . . being so palpable an evidence, . . . that there are bad spirits, which will necessarily open a door to the belief that there are good ones, and lastly, that there is a God."²¹⁴ The instance above given carries a moral with it, not only to scientists, but theologians. Men who have made their mark in the pulpit and in professors' chairs are continually showing the lay public that they really know so little of psychology, as to take up with any plausible schemer who comes their way, and so make themselves ridiculous in the eyes of the thoughtful student. Public opinion upon this subject has been manufactured by jugglers and self-styled savants, unworthy of respectful consideration.

213. *Job*, xxvii, 9.

214. Glanvil: *Saducismus triumphatus*, pp. 14, 16: London, 1681.

The development of psychological science has been retarded far more by the ridicule of this class of pretenders than by the inherent difficulties of its study. The empty laugh of the scientific nursling, or of the fools of fashion, has done more to keep man ignorant of his imperial psychical powers than the obscurities, the obstacles and the dangers that cluster about the subject. This is especially the case with spiritualistic phenomena. That their investigation has been so largely confined to incapables, is due to the fact that men of science, who might and would have studied them, have been frightened off by the boasted exposures, the paltry jokes, and the impertinent clamor of those who are not worthy to tie their shoes. There are moral cowards even in university chairs. The inherent vitality of modern spiritualism is proven in its survival of the neglect of the scientific body, and of the obstreperous boasting of its pretended expositors. If we begin with the contemptuous sneers of the patriarchs of science, such as Faraday and Brewster, and end with the professional (?) *exposés* of the successful mimicker of the phenomena, —, of London, we shall not find them furnishing one single, well-established argument against the occurrence of spiritual manifestations. "My theory is," says this individual, in his recent *soi-disant* 'exposé,' "that Mr. Williams dressed up and personified John King and Peter. Nobody can prove that it wasn't so." Thus it appears that notwithstanding the bold tone of assertion it is but a theory after all, and spiritualists might well retort upon the expositor and demand that he should prove that it is so.

But the most inveterate, uncompromising enemies of Spiritualism are a class very fortunately composed of but few members, who nevertheless declaim the louder and assert their views with a clamorousness worthy of a better cause. These are the *pretenders* to science of young America — a mongrel class of pseudo-philosophers, mentioned at the opening of this chapter, with sometimes no better right to be regarded as scholars than the possession of an electrical machine, or the delivery of a puerile lecture on insanity and mediomania. Such men are — if you believe them — profound thinkers and physiologists; there is none of your metaphysical nonsense about them; they are Positivists — the mental sucklings of Auguste Comte, whose bosoms swell at the thought of plucking deluded humanity from the dark abyss of superstition, and rebuilding the cosmos on improved principles. Irascible psychophobists, no more cutting insult can be offered them than to suggest that they may be endowed with immortal spirits. To hear them, one would fancy that there can be no other souls in men and women than 'scientific' or 'unscientific souls'; whatever that kind of soul may be.²¹⁵

215. See Dr. F. R. Marvin: *Lectures on Mediomania and Insanity*; New York, 1875.

Some thirty or forty years ago in France, Auguste Comte — a pupil of the *École Polytechnique*, who had remained for years at that establishment as a *répétiteur* of Transcendant Analysis and Rationalistic Mechanics — awoke one fine morning with the very irrational idea of becoming a prophet. In America prophets can be met with at every street-corner; in Europe they are as rare as black swans. But France is the land of novelties. Auguste Comte became a prophet; and so infectious is fashion, sometimes, that even in sober England he was considered, for a certain time, the Newton of the nineteenth century.

The epidemic extended, and for the time being it spread like wild-fire over Germany, England and America. He found adherents in France, but their excitement did not last long. The prophet needed money: the disciples were unwilling to furnish it. The fever of admiration for a religion without a God cooled off as quickly as it had come on; of all the enthusiastic apostles of the prophet, there remained but one worthy any attention. It was the famous philologist Littré, a member of the French Institute, and a *would-be* member of the Imperial Academy of Sciences, but whom the archbishop of Orleans maliciously prevented from becoming one of the 'Immortals.' ²¹⁶

The philosopher-mathematician — the high-priest of the 'religion of the future' — taught his doctrine as do all his brother-prophets of our modern days. He deified 'woman,' and furnished her with an altar; but the goddess had to pay for its use. The rationalists had laughed at the mental aberration of Fourier; they had laughed at the St. Simonists; and their scorn for Spiritualism knew no bounds. The same rationalists and materialists were caught, like so many empty-headed sparrows, by the bird-lime of the new prophet's rhetoric. A longing for some kind of divinity, a craving for the 'unknown,' is a feeling congenital in man; hence the worst atheists seem not to be exempt from it. Deceived by the outward brilliancy of this *ignus fatuus*, the disciples followed it until they found themselves floundering in a bottomless morass.

Covering themselves with the mask of a pretended erudition, the Positivists of this country have organized themselves into clubs and committees with the design of uprooting Spiritualism, while pretending to investigate it impartially.

Too timid to challenge openly the churches and the Christian doctrine, they endeavor to sap that upon which all religion is based — man's faith in God and his own immortality. Their policy is to ridicule that which affords an unusual basis for such a faith — phenomenal Spiritual-

216. Vapereau: *Biographie contemporaine*, art. Littré; and Des Mousseaux: *Les hauts phénomènes de la magie*, ch. vi, § 6.

ism. Attacking it at its weakest side, they make the most of its lack of an inductive method, and of the exaggerations that are to be found in the transcendental doctrines of its propagandists. Taking advantage of its unpopularity, and displaying a courage as furious and out of place as that of the errant knight of La Mancha, they claim recognition as philanthropists and benefactors who would crush out a monstrous superstition.

Let us see in what degree Comte's boasted religion of the future is superior to Spiritualism, and how much less likely its advocates are to need the refuge of those lunatic asylums which they officiously recommend for the mediums about whom they have been so solicitous. Before beginning, let us call attention to the fact that three-fourths of the disgraceful features exhibited in modern Spiritualism are directly traceable to materialistic adventurers pretending to be spiritualists. Comte has fulsomely depicted the 'artificially-fecundated' woman of the future. She is but elder sister to the Cyprian ideal of the free-lovers. The immunity against the future offered by the teachings of his moon-struck disciples has inoculated some pseudo-spiritualists to such an extent as to lead them to form communistic associations. None, however, has proved long-lived. Their leading feature being generally a materialistic animalism, gilded over with a thin leaf of Dutch-metal philosophy and tricked out with a combination of hard Greek names, the community could not prove anything else than a failure.

Plato, in the fifth book of the *Republic*, suggests a method for improving the human race by the elimination of the unhealthy or deformed individuals, and by coupling the better specimens of both sexes. It was not to be expected that the 'genius of our century,' even were he a prophet, would squeeze out of his brain anything entirely new.

Comte was a mathematician. Cleverly combining several old utopias, he colored the whole, and, improving on Plato's idea, materialized it, and presented the world with the greatest monstrosity that ever emanated from a human mind!

We beg the reader to keep in view that we do not attack Comte as a philosopher, but as a professed reformer. In the irremediable darkness of his political, philosophical and religious views, we often meet with isolated observations and remarks in which profound logic and judiciousness of thought rival the brilliancy of their interpretation. But then, these dazzle you like flashes of lightning on a gloomy night, to leave you the next moment more in the dark than ever. If condensed and repunctuated, his several works might produce, on the whole, a volume of very original aphorisms, giving a very clear and really clever definition of most of our social evils; but it would be vain to seek, either through the tedious circumlocution of the six volumes of his *Cours de philoso-*

phie positive, or in that parody on priesthood, in the form of a dialog, the *Catechism of the Religion of Positivism*, any idea suggestive of even provisional remedies for such evils. His disciples suggest that the sublime doctrines of their prophet were not intended *for the vulgar*. Comparing the dogmas preached by Positivism with their practical exemplifications by its apostles, we must confess the possibility of some very achromatic doctrine being at the bottom of it. While the 'high-priest' preaches that "woman must cease to be the *female* of the man";²¹⁷ while the theory of the positivist legislators on marriage and the family chiefly consists in making the woman the "mere companion of man by ridding her of every maternal function";²¹⁸ and while they are preparing against the future a substitute for that function by applying "to the *chaste* woman" "a *latent force*,"²¹⁹ some of its lay priests openly preach polygamy, and others affirm that their doctrines are the quintessence of spiritual philosophy.

In the opinion of the Romish clergy, who labor under a chronic nightmare of the devil, Comte offers his 'woman of the future' to the possession of the 'incubi.'²²⁰ In the opinion of more prosaic persons the *Dicinity* of Positivism must henceforth be regarded as a biped broodmare. Even Littré made prudent restrictions while accepting the apostleship of this marvelous religion. This is what he wrote in 1859:

"M. Comte not only thought that he found the principles, traced the outlines, and furnished the method, but that he had deduced the consequences and constructed the social and religious edifice of the future. It is in this *second* division that we make our reservations, declaring at the same time that we accept as an inheritance the whole of the first."

Further, he says: "M. Comte, in a grand work entitled the *Course of the Positive Philosophy*, established the basis of a philosophy[?] . . . which must finally supplant every theology and the whole of metaphysics. Such a work necessarily contains a direct application to the government of societies; as it *has nothing arbitrary in it* [?] and as we find therein a *real science* [?], my adhesion to the principles involves my adhesion to the essential consequences."²²¹

M. Littré has shown himself in the light of a true son of his prophet. Indeed the whole system of Comte appears to us to have been built on a play of words. When they say '*Positivism*,' read *Nihilism*; when you hear the word *chastity*, know that it means *impudicity*; and so on.

217. A. Comte: *Système de politique positive*, Vol. I, pp. 234-244.

218. *Ibid.*

219. *Ibid.*, IV, 276-9, etc.

220. See Des Mousseaux: *Les hauts phénomènes de la magie*, p. 431, sq.

221. Littré: *Paroles de philosophie positive*, pp. vii, 57.

Being a religion based on a theory of negation, its adherents can hardly carry it out practically without saying white when meaning black!

"Positive Philosophy," continues Littré, "does not accept atheism, for the atheist is not a really emancipated mind, but is in his own way a theologian still; he gives his explanation about the essence of things; *he knows* how they began! . . . Atheism is Pantheism; this system is quite theological yet, and thus belongs to the ancient party."²²²

It really would be losing time to quote any more of these paradoxical dissertations. Comte attained to the apotheosis of absurdity and inconsistency when, after inventing his philosophy, he named it a 'Religion.' And as is usually the case the disciples have surpassed the reformer — in absurdity. Supposititious philosophers, who shine in the American academies of Comte like a *lampyris noctiluca* beside a planet, leave us in no doubt as to their belief, and contrast "that system of thought and life" elaborated by the French apostle with the "idiocy" of Spiritualism; of course to the advantage of the former. "To destroy, you must replace," exclaims the author of the *Catechism of the Religion of Positivism*, quoting Cassauidière, by the way, without crediting him with the thought; and his disciples proceed to show by what sort of a loathsome system they are anxious to replace Christianity, Spiritualism, and even Science.

"Positivism," perorates one of them, "is an *integral* doctrine. It rejects completely all forms of theological and metaphysical belief; all forms of supernaturalism, and thus — Spiritualism. The true positive spirit consists in substituting the study of the invariable laws of phenomena for that of their so-called causes, whether proximate or primary. On this ground it equally rejects atheism; *for the atheist is at bottom a theologian*," he adds, plagiarizing sentences from Littré's works: "the atheist does not reject the problems of theology, only the solution of these, and so he is illogical. We *Positivists* reject the problem in our turn on the ground that it is utterly inaccessible to the intellect, and we would only waste our strength in a vain search for first and final causes. As you see, Positivism gives a complete explanation [?] of the world, of man, his duty and destiny. . . ."²²³

Very brilliant this; and now, by way of contrast, we shall quote what a really great scientist, Professor Hare, writes of this system. "Comte's positive philosophy," he says, "after all, is merely negative. It is admitted by Comte that he knows nothing of *the sources and causes* of Nature's laws: that their origination is so perfectly inscrutable as to make it idle to take up time in any scrutiny for that purpose. . . .

222. *Ibid.*, p. 32.

223. *Spiritualism and Charlatanism*.

Of course his doctrine makes him avowedly a thorough *ignoramus* as to the *causes* of laws, or the means by which they are established, and can have no basis but the *negative* argument above stated, in objecting to the facts ascertained in relation to the spiritual creation. Thus whilst allowing the atheist his material dominion, Spiritualism will erect within and above the same space a dominion of an importance as much greater as eternity is to the average duration of human life, and as the boundless regions of the fixed stars are to the habitable area of this globe." ²²⁴

In short, Positivism proposes to itself to destroy Theology, Metaphysics, Spiritualism, Atheism, Materialism, Pantheism, and Science, and it must finally end in destroying itself. De Mirville thinks that according to Positivism "order will begin to reign in the human mind only on the day when psychology will become a sort of *cerebral physics*, and history a kind of social physics." The modern Mohammed first disburdens man and woman of God and their own soul, and then unwittingly disembowels his own doctrine with the too sharp sword of metaphysics, which all the time he thought he was avoiding, thus letting out every vestige of philosophy.

In 1864 M. Paul Janet, a member of the Institute, pronounced a discourse upon Positivism, in which occur the following remarkable words:

"There are some minds which were brought up and fed on exact and positive sciences, but which feel nevertheless a sort of instinctive impulse for philosophy. They can satisfy this instinct but with elements that they have already on hand. Ignorant of psychological sciences, having studied only the rudiments of metaphysics, they nevertheless are determined to fight these same metaphysics as well as psychology, of which they know as little as of the other. After this is done they will imagine themselves to have founded a Positive Science, while the truth is that they have only built up a new, mutilated and incomplete metaphysical theory. They arrogate to themselves the authority and infallibility properly belonging alone to the true sciences, those which are based on experience and calculations; but they lack such an authority, for their ideas, defective as they may be, nevertheless belong to the same class as those which they attack. Hence the weakness of their situation, the final ruin of their ideas, which are soon scattered to the four winds." ²²⁵

The Positivists of America have joined hands in their untiring efforts to overthrow Spiritualism. To show their impartiality, though, they propound such novel queries as follows: ". . . how much rationality

224. Prof. Robt. Hare: *On Positivism*, p. 26. 225. *Revue des Deux Mondes*, Aug. 1, 1864, p. 727. See also Des Mousseaux: *Les hauts phén. de la magie*, vi, § 6, and p. 471.

is there in the dogmas of the Immaculate Conception, the Trinity and Transubstantiation, if submitted to the tests of physiology, mathematics, and chemistry?" and they "undertake to say that the vagaries of Spiritualism do not surpass in absurdity these eminently respectable beliefs." Very well. But there is neither theological absurdity nor spiritualistic delusion that can match in depravity and imbecility that positivist notion of 'artificial fecundation.' Denying to themselves all thought on primal and final causes, they apply their insane theories to the construction of an impossible woman for the worship of future generations; the living, immortal companion of man they would replace with the Indian female fetish of the Obeah, the wooden idol that is stuffed every day with serpents' eggs, to be hatched by the heat of the sun!

And now if we are permitted to ask in the name of common sense, why should Christian mystics be taxed with credulity or the spiritualists be consigned to Bedlam, when a *religion* embodying such revolting absurdity finds disciples even among Academicians? — when such insane rhapsodies as the following can be uttered by the mouth of Comte and admired by his followers: "My eyes are dazzled; — they open each day more and more to the increasing coincidence between the social advent of the *feminine mystery*, and the mental decadence of the eucharistical sacrament. Already the Virgin has dethroned God in the minds of Southern Catholics! Positivism realizes the Utopia of the medieval ages, by representing all the members of the great family as the issue of a *virgin mother without a husband*. . . ." And again, after giving the *modus operandi*: "The development of the *new process* would soon cause to spring up a caste without heredity, better adapted than the vulgar population to the recruiting of spiritual chiefs, or even temporal ones, whose authority would then rest upon an origin truly superior, which would not *shrink from investigation*." ²²⁸

To this we might inquire with propriety whether there has ever been found in the 'vagaries of Spiritualism,' or the mysteries of Christianity, anything more preposterous than this ideal 'coming race.' If the tendency of materialism is not grossly belied by the behavior of some of its advocates, those who publicly preach polygamy, we fancy that whether or not there will ever be a sacerdotal stirps so begotten, we shall see no end of progeny — the offspring of "mothers without husbands."

How natural that a philosophy which could engender such a caste of didactic incubi, should express through the pen of one of its most garrulous essayists the following sentiments: "This is a sad, a very sad

228. *Cours de philosophie positive*, vol. iv., pp. 278-9.

age,²²⁷ full of dead and dying faiths; full of idle prayers sent out in vain search for the departing gods. But oh! it is a glorious age, full of the golden light which streams from the ascending sun of science! What shall we do for those who are shipwrecked in faith, *bankrupt in intellect*, but . . . who seek comfort in the *mirage of spiritualism*, the delusions of transcendentalism, or the *will-o'-the-wisp* of mesmerism? . . ."

The *ignis fatuus*, now so favorite an image with many dwarf philosophers, had itself to struggle for recognition. It is not so long since the now familiar phenomenon was stoutly denied by a correspondent of the *London Times*, whose assertions carried weight till the work of Dr. Phipson, supported by the testimony of Beccaria, Humboldt, and other naturalists, set the question at rest.²²⁸ The Positivists should choose some happier expression, and follow the discoveries of science at the same time. As to mesmerism, it has been adopted in many parts of Germany, and is publicly used with undeniable success in more than one hospital; its occult properties have been proved and are believed in by physicians, whose eminence, learning, and merited fame the self-complacent lecturer on mediums and insanity cannot well hope to equal.

We have to add but a few more words before we drop this unpleasant subject. We have found Positivists particularly happy in the delusion that the *greatest scientists* of Europe were Comtists. How far their claims may be just, as regards other savants, we do not know, but Huxley, whom all Europe considers one of her greatest scientists, most decidedly declines that honor, and Dr. Maudsley of London follows suit. In a lecture delivered by the former gentleman in 1868, in Edinburgh, on *The Physical Basis of Life*, he even appears to be very much shocked at the liberty taken by the Archbishop of York, in identifying him with Comte's philosophy. "So far as I am concerned," says Mr. Huxley, "the most reverend prelate might dialectically hew M. Comte in pieces, as a modern Agag, and I should not attempt to stay his hand. In so far as my study of what specially characterizes the Positive Philosophy has led me, I find therein little or nothing of any scientific value, and a great deal which is *as thoroughly antagonistic to the very essence of science as anything in ultramontane Catholicism*. In fact, M. Comte's philosophy in practice might be compendiously described as *Catholicism minus Christianity*." Further, Huxley even becomes wrathful, and falls to accusing Scotsmen of ingratitude for having allowed the Bishop to mistake Comte for the founder of a philosophy which belonged by right to Hume. "It was enough," exclaims the professor,

227. Dr. F. R. Marvin: *Lectures on Mediomania and Insanity*.

228. See Howitt: *History of the Supernatural*, vol. ii, p. 469.

"to make David Hume turn in his grave, that here, almost within earshot of his house, an interested audience should have listened, without a murmur, while his most characteristic doctrines were attributed to a French writer of fifty years later date, in whose *dreary and verbose pages we miss alike the vigor of thought and the exquisite clearness of style*. . . ." ²²⁹

Poor Comte! It appears that the highest representatives of his philosophy are now reduced, at least in this country, to "one physicist, one physician who has made a specialty of nervous diseases, and one lawyer." A very witty critic nicknamed this desperate trio, "*an anomalous triad*, which, amid its arduous labors, finds no time to acquaint itself with the principles and laws of its own language." ²³⁰

To close the question, the Positivists neglect no means to overthrow Spiritualism in favor of their *religion*. Their high priests are made to blow their trumpets untiringly; and though the walls of no modern Jericho are ever likely to tumble down in dust before their blast, still they neglect no means to attain the desired object. Their paradoxes are unique, and their accusations against spiritualists irresistible in logic. In a recent lecture, for instance, it was remarked that: "The exclusive exercise of *religious* instinct is productive of sexual immorality. Priests, monks, nuns, saints, *media*, ecstasies, and devotees are famous for their impurities." ²³¹

We are happy to remark that, while Positivism loudly proclaims itself a religion, Spiritualism has never pretended to be anything more than a science, a growing philosophy, or rather a research in hidden and as yet unexplained forces in nature. The objectiveness of its various phenomena has been demonstrated by more than one genuine representative of science, and as ineffectually denied by her 'monkeys.'

Finally, it may be remarked of our Positivists who deal so uncere- moniously with every psychological phenomenon, that they are like Samuel Butler's rhetorician, who

". . . . could not ope
His mouth, but out there flew a *trope*."

We would there were no occasion to extend the critic's glance beyond the circle of triflers and pedants who improperly wear the title of men of science. But it is also undeniable that the treatment of new

229. Prof. Huxley: *The Physical Basis of Life*, pp. 140-1.

230. Reference is made to a card which appeared some time since in a New York paper, signed by three persons styling themselves as above, and assuming to be a scientific committee appointed two years before to investigate spiritual phenomena. The criticism on the triad appeared in the *New Era* magazine.

231. Dr. Marvin: *Lectures on Mediomania and Insanity*; New York, 1875.

subjects by those whose rank is high in the scientific world but too often passes unchallenged, when it is amenable to censure. The cautiousness bred of a fixed habit of experimental research, the tentative advance from opinion to opinion, the weight accorded to recognised authorities — all foster a conservatism of thought which naturally runs into dogmatism. The price of scientific progress is too commonly the martyrdom or ostracism of the innovator. The reformer of the laboratory must, so to speak, carry the citadel of custom and prejudice at the point of the bayonet. It is rare that even a postern-door is left ajar by a friendly hand. The noisy protests and impertinent criticisms of the little people of the antechamber of science, he can afford to let pass unnoticed; the hostility of the other class is a real peril that the innovator must face and overcome. Knowledge does increase apace, but the great body of scientists are not entitled to the credit. In every instance they have done their best to shipwreck the new discovery, together with the discoverer. The palm is to him who has won it by individual courage, intuitiveness, and persistency. Few are the forces in nature which, when first announced, were not laughed at, and then set aside as absurd and unscientific. The just claims of discoverers denied a hearing until negation was no longer prudent — alas for poor, selfish humanity! — it was these very discoverers who, after humbling the pride of those who had not discovered anything, too often became in their turn the opponents and oppressors of still more recent explorers in the domain of natural law! So, step by step, mankind moves around its circumscribed circle of knowledge, science constantly correcting its mistakes, and readjusting on the following day the erroneous theories of the preceding one. This has been the case, not merely with questions pertaining to psychology, such as mesmerism, in its dual sense of a physical and spiritual phenomenon, but even with discoveries directly related to exact sciences that have been easy to demonstrate.

What can we do? Shall we recall the disagreeable past? Shall we point to medieval scholars conniving with the clergy to deny the Heliocentric theory, for fear of hurting an ecclesiastical dogma? Must we recall how learned conchologists once denied that the fossil shells, found scattered over the face of the earth, were ever inhabited by living animals at all? how the naturalists of the eighteenth century declared these but mere *fac-similes* of animals? and how these naturalists fought and quarreled and battled and called each other names, over these venerable mummies of the ancient ages for nearly a century, until Buffon settled the question by proving to the negators that they were mistaken? Surely an oyster-shell is anything but transcendental, and ought to be quite a palatable subject for any exact study; and if the scientists could not agree

on that, we can hardly expect them to believe at all that evanescent forms — of hands, faces, and whole bodies sometimes — appear at the *séances* of spiritual mediums, when the latter are honest.

There exists a certain work which might afford very profitable reading for the leisure hours of skeptical men of science. It is a book published by Flourens, the Perpetual Secretary of the French Academy, called *Histoire des recherches de Buffon*. The author shows in it how the great naturalist combated and finally conquered the advocates of the *fac-simile* theory; and how they still went on denying everything under the sun, until at times the learned body fell into a fury, an epidemic of negation. It denied Franklin and his refined electricity; laughed at Fulton and his concentrated steam; voted the engineer Perdonnet a strait-jacket for his offer to build railroads; stared Harvey out of countenance; and proclaimed Bernard de Palissy "as stupid as one of his own pots!"

In his oft-quoted work, *Conflict between Religion and Science*, Professor Draper shows a decided propensity to kick the beam of the scales of justice, and lay all such impediments to the progress of science at the door of the clergy alone. With all respect and admiration due to this eloquent writer and scientist, we must protest and give every one his just due. Many of the above-enumerated discoveries are mentioned by the author of the *Conflict*. In every case he denounces the bitter resistance on the part of the clergy, and keeps silent on the like opposition invariably experienced by every new discoverer at the hands of science. His claim on behalf of science that 'knowledge is power' is undoubtedly just. But abuse of power, whether it proceeds from excess of wisdom or ignorance, is alike obnoxious in its effects. Besides, the clergy are silenced now. Their protests would at this day be scarcely noticed in the world of science. But while theology is kept in the background, the scientists have seized the scepter of despotism with both hands, and they use it, like the cherubim and flaming sword of Eden, to keep the people away from the tree of immortal life and within this world of perishable matter.

The editor of the London *Spiritualist*, in answer to Dr. Gully's criticism of Mr. Tyndall's fire-mist theory, remarks that if the entire body of spiritualists are not roasting alive at Smithfield in the present century, it is to science alone that we are indebted for this crowning mercy. Well, let us admit that the scientists are indirectly public benefactors in this case, to the extent that the burning of erudite scholars is no longer fashionable. But is it unfair to ask whether the disposition manifested toward the spiritualistic doctrine by Faraday, Tyndall, Huxley, Agassiz and others, does not warrant the suspicion that if these learned

gentlemen and their following had the unlimited power once held by the Inquisition, spiritualists would not have reason to feel as easy as they do now? Even supposing that they should not roast believers in the existence of a spirit-world — it being unlawful to cremate people alive — would they not send every spiritualist they could to Bedlam? Do they not call them "incurable monomaniacs," "hallucinated fools," "fetish-worshippers," and like characteristic names? Really, we cannot see what should have stimulated to such extent the gratitude of the editor of the *London Spiritualist* for the benevolent tutelage of the men of science. We believe that the recent Lankester-Donkin-Slade prosecution in London ought at last to open the eyes of hopeful spiritualists, and show them that stubborn materialism is often more stupidly bigoted than religious fanaticism itself.

One of the cleverest productions of Professor Tyndall's pen is his caustic essay upon *Scientific Materialism*. At the same time this is one which in future years the author will doubtless be only too ready to trim of certain unpardonable grossnesses of expression. For the moment, however, we shall not deal with these, but consider what he has to say of the phenomenon of consciousness. He quotes this question from Mr. Martineau: "A man can say 'I feel, I think, I love'; but how does consciousness infuse itself into the problem?"—and thus answers: "The passage from the physics of the brain to the corresponding facts of consciousness is unthinkable. Granted that a definite thought and a molecular action in the brain occur simultaneously; we do not possess the intellectual organ nor apparently any rudiment of the organ, which would enable us to pass, by a process of reasoning, from one to the other. They appear together, but *we do not know why*. Were our minds and senses so expanded, strengthened and illuminated, as to enable us to see and feel the very molecules of the brain; were we capable of following all their motions, all their groupings, all their electric discharges, if such there be; and were we intimately acquainted with the corresponding states of thought and feeling, we should be as far as ever from the solution of the problem, 'How are these physical processes connected with the facts of consciousness?' The chasm between the two classes of phenomena would still remain intellectually impassable."²³²

This chasm, as impassable to Professor Tyndall as the fire-mist where the scientist is confronted with his unknowable cause, is a barrier only to men without spiritual intuitions. Professor Buchanan's *Outlines of Lectures on the Neurological System of Anthropology*, a work written so far back as 1854, contains suggestions that, if the scio-

232. Tyndall: *Fragments of Science*, pp. 118-120: edition 1871.

lists would only heed them, would show how a bridge can be thrown across this dreadful abyss. It is one of the bins in which the thought-seed of future harvests is stored up by a frugal present. But the edifice of materialism is based entirely upon that gross substructure — the reason. *When they have stretched its capabilities to their utmost limits, its teachers can at best only disclose to us a universe of molecules animated by an occult impulse.* What better diagnosis of the ailment of our scientists could be asked than can be derived from Professor Tyndall's analysis of the mental state of the Ultramontane clergy, by a very slight change of names? For "spiritual guides" read "scientists," for "prescientific past" substitute "materialistic present," say "spirit" for "science," and in the following paragraph we have a life portrait of the modern man of science drawn by the hand of a master:

" . . . Their spiritual guides live so exclusively in the prescientific past that even the really strong intellects among them are reduced to atrophy as regards scientific truth. Eyes they have and see not; ears they have and hear not; for both eyes and ears are taken possession of by the sights and sounds of another age. In relation to science, the Ultramontane brain, through lack of exercise, is virtually the undeveloped brain of the child. And thus it is that as children in scientific knowledge, but as potent wielders of spiritual power among the ignorant, they countenance and enforce practices sufficient to bring the blush of shame to the cheeks of the more intelligent among themselves." ²³³ The Occultist holds this mirror up to Science that it may see itself how it looks.

Since history recorded the first laws established by man, there never yet was a people whose code did not hang the issues of the life and death of its citizens upon the testimony of two or three credible witnesses. "At the mouth of two witnesses, or three witnesses, shall he that is worthy of death be put to death," ²³⁴ says Moses, the first legislator we meet in Jewish history. "The laws which put to death a man on the deposition of one witness are fatal to freedom" — says Montesquieu. "Reason claims there should be two witnesses." ²³⁵

Thus the value of evidence has been tacitly agreed upon and accepted in every country. But the scientists will not accept the evidence of the million against one. In vain do hundreds of thousands of men testify to facts. *Oculos habent et non vident!* They are determined to remain blind and deaf. Thirty years of practical demonstrations and the testimony of some millions of believers in America and Europe are certainly entitled to some degree of respect and attention. Especially so, when

233. Tyndall: *Preface to Fragments of Science.*

234. *Deuteronomy*, xvii, 6.

235. Montesquieu: *L'esprit des lois*, I, xii, ch. 3.

the verdict of twelve spiritualists, influenced by the evidence testified to by any two others, is competent to send even a scientist to swing on the gallows for a crime, perhaps committed under the impulse supplied by a commotion among the cerebral molecules unrestrained by a consciousness of future moral RETRIBUTION.

Toward science as a whole, as a divine goal, the whole civilized world ought to look with respect and veneration; for science alone can enable man to understand the Deity by the true appreciation of his works. "*Science is the understanding of truth or facts,*" says Webster; "it is an investigation of truth *for its own sake* and a pursuit of pure knowledge." If the definition be correct, then the majority of our modern scholars have proved false to their goddess. "Truth for its own sake!" And where should the keys to every truth in nature be searched for, unless in the hitherto unexplored mystery of psychology? Alas! that in questioning nature so many men of science should daintily sort over her facts and choose only such for study as best bolster their prejudices.

Psychology has no worse enemies than the medical school denominated *allopathists*. It is in vain to remind them that of the so-called exact sciences, medicine, confessedly, least deserves the name. Although of all branches of helpful knowledge psychology ought more than any other to be studied by physicians — since without its aid their practice degenerates into mere guess-work and chance-intuitions — they almost wholly neglect it. The least dissent from their promulgated doctrines is resented as a heresy, and though an unpopular and unrecognised curative method should be shown to save thousands, they seem, as a body, disposed to cling to accepted hypotheses and prescriptions, and decry both innovator and innovation until they get the mint-stamp of *regularity*. Thousands of unlucky patients may die meanwhile, but so long as professional honor is vindicated, this is a matter of secondary importance.

Theoretically the most benignant, nevertheless no other school of science exhibits so many instances of petty prejudice, materialism, atheism, and malicious stubbornness as that of medicine. The predilections and patronage of the leading physicians are scarcely ever measured by the usefulness of a discovery. Bleeding, by leeching, cupping, and the lancet, had its epidemic of popularity, but at last fell into merited disgrace; water, now freely given to fevered patients, was once denied them; warm baths were superseded by cold water, and for a while hydrophobia was a mania. Peruvian bark — which a modern defender of biblical authority²³⁶ seriously endeavors to identify with the paradisiacal 'Tree of Life,' and which was brought to Spain in 1632 — was neglected for years. The Church, for once, showed more discrimination

thar science. At the request of Cardinal de Lugo, Innocent X gave it the prestige of his powerful name.

In an old book entitled *Demonologia*, the author cites many instances of important remedies which, being neglected at first, afterward rose into notice through mere accident. He also shows that "most of the new discoveries in medicine have turned out to be no more than the revival and readoption of very ancient practices." During the last century the root of the male fern was sold and widely advertised as a secret nostrum by a Madame Nouffleur, a female quack, for the effective cure of the tapeworm. "The secret was bought by Louis XV for a large sum of money; after which the physicians discovered that it was recommended and administered in that disease by Galen. The famous powder of the Duke of Portland for the gout was the *diacentauræon* of Caelius Aurelianus. Later it was ascertained that it had been used by the earliest medical writers, who had found it in the writings of the old Greek philosophers. So with the *eau médicinale* of Dr. Husson, whose name it bears. This famous remedy for the gout was recognised under its new mask to be the *Colchicum autumnale*, or meadow saffron, which is identical with a plant called *Hermodactylus*, whose merits as a certain antidote to gout were recognised and defended by Oribasius, a great physician of the fourth century, and Aetius Amidenus, another eminent physician of Alexandria [fifth century]." Subsequently it was abandoned and fell into disfavor only because it was *too old* to be considered good by the members of the medical faculties that flourished toward the end of the last century!

Even the great Magendie, the wise physiologist, was not above discovering that which had already been discovered and found good by the oldest physicians. "His proposed remedy against consumption, namely, the use of prussic acid, may be found in the works of Linnaeus, *Amenitates academicae*, vol. iv, in which he shows distilled laurel water to have been used with great profit in pulmonary consumption." Pliny also assures us that the extract of almonds and laurel-pits had cured the most obstinate coughs. As the author of *Demonologia* well remarks, it may be asserted with perfect safety that "all the various secret preparations of opium which have been lauded as the discovery of modern times, may be recognised in the works of ancient authors," who see themselves so discredited in our days.²³⁷

It is admitted on all hands that from time immemorial the distant East was the land of knowledge. Not even in Egypt were botany and mineralogy so extensively studied as by the savants of archaic Middle Asia. Sprengel, unjust and prejudiced as he shows himself in everything else, confesses this much in his *Geschichte der Arzneikunde*.²³⁸ And yet,

237. *Demonologia*, pp. 70-73: London, 1831.

238. Vol. I, p. 102, *sq.*

notwithstanding this, whenever the subject of magic is discussed, that of India has rarely suggested itself to any one, for of its general practice in India less is known than of the magic of other ancient peoples. With the Hindûs it was and is more esoteric, if possible, than it was even among the Egyptian priests. So sacred was it deemed that its existence was only half admitted, and it was only practised in public emergencies. *It was more than a religious matter, for it was considered divine.* The Egyptian hierophants, notwithstanding the practice of a stern and pure morality, could not be compared for one moment with the ascetical Gymnosophists, either in holiness of life or miraculous powers developed in them by the supernatural abjuration of everything earthly. By those who knew them well, they were held in still greater reverence than the magians of Chaldaea. Denying themselves the simplest comforts of life, they dwelt in woods, and led the life of the most secluded hermits,²³⁹ while their Egyptian brothers at least congregated together. Notwithstanding the slur thrown by history on all who practised magic and divination, it has proclaimed them as possessing the greatest secrets in medical knowledge and unsurpassed skill in its practice. Numerous are the volumes, preserved in Hindû convents, in which are recorded the proofs of their learning. To attempt to say whether these Gymnosophists were the real founders of magic in India, or whether they only practised what had passed to them as an inheritance from the earliest *Rishis* ²⁴⁰— the seven primeval sages — would be regarded as a mere speculation by exact scholars. "The care which they took in educating youth, in familiarizing it with generous and virtuous sentiments, did them peculiar honor, and their maxims and discourses, as recorded by historians, prove that they were expert in matters of philosophy, metaphysics, astronomy, morality, and religion," says a modern writer. They preserved their dignity under the sway of the most powerful princes, whom they would *not* condescend to visit, or to trouble for the slightest favor. If the latter desired the advice or the prayers of the holy men, they were either obliged to go themselves, or to send messengers. To these men no secret power of either plant or mineral was unknown. They had fathomed nature to its depths, while psychology and physiology were to them open books, and the result was that science or *machagistia* that is now termed, so superciliously, *magic*.

While the miracles recorded in the Bible have become accepted facts

239. Ammianus Marcellinus: *Roman Hist.* XXIII, vi, 32, 33.

240. The *Rishis* were seven in number, and lived in days anteceding the Vedic period. They were known as sages, and held in reverence like demigods. Haug (*Ātārīya-Brāhmanam*, II, 479, note) shows that they occupy in the Brāhmanical religion a position answering to that of the twelve sons of Jacob in the Jewish Bible. The Brāhmanas claim to descend directly from these *Rishis*.

with the Christians, to disbelieve which is regarded as infidelity, the narratives of wonders and prodigies found in the *Atharva-Veda*²⁴¹ either provoke their contempt or are viewed as evidences of diabolism. And yet, in more than one respect, and notwithstanding the unwillingness of certain Sanskrit scholars, we can show the identity between the two. Moreover, as the Vedas have now been proved by scholars to antedate the Jewish *Bible* by many ages, the inference is an easy one that if one of them has borrowed from the other, the Hindû sacred books are not to be charged with plagiarism.

First of all, Hindû cosmogony shows how erroneous has been the opinion prevalent among the civilized nations that Brahmâ was ever considered by the Hindûs their chief or Supreme God. Brahmâ is a secondary deity, and like Jehovah is a "*mover of the waters*." He is the *creating* god, and has in his allegorical representations four heads, answering to the four cardinal points. He is the demiurge, the *architect* of the world. "In the primordiate state of the creation," says Polier's *Mythologie des indous*, "the rudimental universe, submerged in water, reposed in the bosom of the Eternal. Sprung from this chaos and darkness, Brahmâ, the architect of the world, poised on a lotus-leaf, floated [moved?] upon the waters, unable to discern anything but water and darkness." This is very nearly identical with the Egyptian cosmogony, which shows in its opening sentences *Athor*²⁴² or Mother Night (which represents illimitable darkness) as the primeval element which covered the infinite abyss, animated by water and the universal spirit of the Eternal, dwelling alone in Chaos. As in the Jewish Scriptures, the history of the creation opens with the spirit of God and his creative emanation — another Deity.²⁴³ Perceiving such a dismal state of things, Brahmâ soliloquizes in consternation: "Who am I? Whence came I?" Then he hears a voice: "Direct your prayer to *Bhagavat* — the Eternal, known, also, as *Para-brahman*." Brahmâ, rising from his natatory position, seats himself upon the lotus in an attitude of contemplation, and reflects upon the Eternal, who, pleased with this evidence of piety, disperses the primeval darkness and opens his understanding. "After this Brahmâ issues from the universal egg [infinite chaos] as *light*, for his understanding is now opened, and he sets himself to work; he *moves* on the eternal waters, with the spirit of God within himself; in his capacity of *mover* of the waters he is *Nârâyana*."

The lotus, the sacred flower of the Egyptians, as well as of the Hindûs, is the symbol of Horus as it is that of Brahmâ. No temples in Tibet or

241. The fourth Veda. 242. Orthography of the *Archaic Dictionary*, by W. R. Cooper, F. R. A. S., M. R. A. S., London, 1876. 243. We do not mean the current or accepted Bible, but the *real* Jewish one explained kabalistically.

Nepal are found without it; and the meaning of this symbol is extremely suggestive. The sprig of *lilies* placed in the hand of the archangel, who offers them to the Virgin Mary in the pictures of the 'Annunciation,' has in its esoteric symbolism precisely the same meaning. We refer the reader to Sir William Jones.²⁴⁴ With the Hindûs, the lotus is the emblem of the productive power of nature, through the agency of fire and water (spirit and matter). "Eternal!" says a verse in the *Bhagavad-Gîtâ* (ch. xi), "I see Brahmâ the creator enthroned in *thee* above the lotus!" and Sir W. Jones shows²⁴⁵ that the seeds of the lotus contain — even before they germinate — perfectly-formed leaves, the miniature shapes of what one day, as perfected plants, they will become; or, as the author of *The Heathen Religion* has it — "nature thus giving us a specimen of the *preformation* of its productions," adding further that "the seed of all *phaenogamous* plants bearing *proper* flowers contains an *embryo planilet ready formed*."²⁴⁶

With the Buddhists, the lotus has the same signification. *Mahâ-Mâyâ*, or *Mahâ-Devî*, the mother of Gautama-Buddha, had the birth of her son announced to her by *Bodhisat* (the spirit of Buddha), who appeared beside her couch with a *lotus* in his hand. Thus also Osiris and Horus are represented by the Egyptians constantly in association with the lotus-flower.

These facts all go to show the identical parentage of this idea in the three religious systems, Hindû, Egyptian and Judaico-Christian. Wherever the mystic water-lily (lotus) is employed, it signifies the emanation of the objective from the concealed, or subjective — the eternal thought of the ever-invisible Deity passing from the abstract into the concrete or visible form. For as soon as darkness was dispersed and "there was light," Brahmâ's understanding was opened, and he saw in the ideal world (which had hitherto lain eternally concealed in the Divine thought) the archetypal forms of all the infinite future things that would be called into existence and hence become visible. At this first stage of action, Brahmâ had not yet become the architect, the builder of the universe, for he had, like the architect, first to acquaint himself with the plan, and realize the ideal forms which were buried in the bosom of the Eternal One, as the future lotus-leaves are concealed within the seed of that plant. And it is in this idea that we must look for the origin and explanation of the verse in the Jewish cosmogony, which reads: "And God said, Let the earth bring forth . . . the fruit-tree yielding fruit after its kind, *whose seed is in itself*."²⁴⁷ In all the primitive religions, the 'Son of the Father' is the creative God — *i. e.*, His thought made visible; and

244. *The Works of Sir W. Jones*, III, p. 351.

246. Dr. J. B. Gross, p. 195.

245. *Ibid.*, III, p. 376.

247. *Genesis*, i, 11.

before the Christian era, from the *Trimūrti* of the Hindūs down to the three kabalistic heads of the Jewish-explained scriptures, the triune god-head of each nation was fully defined and substantiated in its allegories. In the Christian creed we see but the artificial engrafting of a new branch upon the old trunk; and the adoption by the Greek and Roman churches of the lily-symbol held by the archangel at the moment of the Annunciation shows a thought of precisely the same metaphysical significance.

The lotus is the product of fire (heat) and water, hence the dual symbol of spirit and matter. The God Brahmā is the second person of the Trinity, as are Jehovah (Adam-Kadmon) and Osiris, or rather Pymander, or the Power of the Thought Divine, of Hermes; for it is Pymander who represents the root of all the Egyptian Sun-gods. The Eternal is the Spirit of Fire, which stirs up and fructifies and develops into a concrete form everything that is born of water or the *primordial* 'earth,' evolved out of Brahmā; but the universe is itself Brahmā, and he is the universe. This is the philosophy of Spinoza, which he derived from that of Pythagoras; and it is the same for which Bruno died a martyr. How much Christian theology has gone astray from its point of departure, is demonstrated in this historical fact. Bruno was slaughtered for the exegesis of a symbol that was adopted by the earliest Christians, and expounded by the apostles! The sprig of water-lilies of *Bodhisat*, and later of Gabriel, typifying fire and water, or the idea of creation and generation, is worked into the earliest dogma of the baptismal sacrament.

Bruno's and Spinoza's doctrines are nearly identical, though the words of the latter are more veiled, and far more cautiously chosen than those to be found in the theories of the author of the *Causa, Principio ed Uno*, or the *Infinito Universo e Mondi*. Both Bruno, who confesses that the source of his information was Pythagoras, and Spinoza, who, without acknowledging it as frankly, allows his philosophy to betray the secret, view the First Cause from the same standpoint. With them, God is an Entity totally *per se*, an Infinite Spirit, and the only Being utterly free and independent of either effects or other causes; who, through that same Will which produced all things and gave the first impulse to every cosmic law, perpetually keeps in existence and order everything in the universe. As well as the Hindū *Svābhāvikas*, erroneously called Atheists, who assume that all things, men as well as gods and spirits, were born from *Svabhāva*, or their own nature,²⁴⁸ both

248. Brahmā does *not* create the earth, *Mrityu-loka*, any more than the rest of the universe. Having evolved himself from the soul of the world, once separated from the First Cause, he emanates in his turn all nature out of himself. He does not stand above it, but is mixed up with it; and Brahmā and the universe form one Being, each particle of which is in its essence Brahmā himself, who proceeded out of himself.—Burnouf: *Introduction à l'histoire du bouddhisme indien*, p. 118.

Spinoza and Bruno were led to the conclusion that *God is to be sought for within nature and not without*. For, creation being proportional to the power of the Creator, the universe as well as its Creator must be infinite and eternal, one form emanating from its own essence, and creating in its turn another. The modern commentators affirm that Bruno, "*unsustained by the hope of another and better world*, still surrendered his life rather than his convictions"; thereby allowing it to be inferred that Giordano Bruno had no belief in the continued existence of man after death. Professor Draper asserts most positively that Bruno did not believe in the immortality of the soul. Speaking of the countless victims of the religious intolerance of the Popish Church, he remarks: "The passage from this life to the next, though through a hard trial, was the passage from a transient trouble to eternal happiness. . . . On his way through the dark valley the martyr believed that there was an invisible hand that would lead him, . . . For Bruno there was no such support. The philosophical opinions, for the sake of which he surrendered his life, could give him no consolation." 249

But Professor Draper seems to have a very superficial knowledge of the true belief of the philosophers. We can leave Spinoza out of the question, and even allow him to remain in the eyes of his critics an utter atheist and materialist; for the cautious reserve which he placed upon himself in his writings makes it extremely difficult for one who does not read him between the lines, and is not thoroughly acquainted with the hidden meaning of the Pythagorean metaphysics, to ascertain what his real sentiments were. But as for Giordano Bruno, if he adhered to the doctrines of Pythagoras he must have believed in another life, hence he could not have been an atheist whose philosophy offered him no such "consolation." His accusation and subsequent confession, as given by Professor Domenico Berti in his *Life of Bruno* recently published (compiled from original documents), prove beyond doubt what were his *real* philosophy, creed and doctrines. In common with the Alexandrian Platonists and the later Kabalists, he held that Jesus was a magician in the sense given to this appellation by Porphyry and Cicero, who write of the *divina sapientia* (divine knowledge), and by Philo Judaeus, who described the Magi as the most wonderful inquirers into the hidden mysteries of nature, not in the degrading sense given to the word magic in our century. In his noble conception *the Magi were holy men who, setting themselves apart from everything else on this earth, contemplated the divine virtues and understood the divine nature of the gods and spirits the more clearly; and so initiated others into the*

same mysteries, which consist in one holding an uninterrupted intercourse with these invisible beings during life. But we shall show Bruno's inmost philosophical convictions better by quoting fragments from the *accusation* and his *own confession*.

The charges in the denunciation of Mocenigo, his accuser, are expressed in the following terms:

"I, Zuane Mocenigo, son of the most illustrious Messer Marcantonio, denounce to your very reverend fathership, by constraint of my conscience and by order of my confessor, that I have heard say by Giordano Bruno, several times when he discoursed with me in my house, that it is great blasphemy in Catholics to say that the bread transubstantiates itself into flesh; that he is opposed to the Mass; that no religion pleases him; that Christ was a wretch (*un tristo*), and that if he did wicked works to seduce the people he might well predict that He ought to be impaled; that there is no distinction of persons in God, and that it would be imperfection in God; that the world is eternal, and that there are infinite worlds, and that God makes them continually, because, he says, He wills all He can; that Christ did apparent miracles and was a *magician*, and so were the apostles, and that he had a mind to do as much and more than they did; that Christ showed an unwillingness to die, and shunned death all He could; that there is no punishment of sin, and that souls created by the operation of nature pass from one animal to another, and that as the brute animals are born of corruption, so also are men when after dissolution they come to be born again."

Perfidious as they are, the above words plainly indicate the belief of Bruno in the Pythagorean metempsychosis, which, misunderstood as it is, still shows a belief in the *survival* of man in one shape or another. Further, the accuser says:

"He has shown indications of wishing to make himself the author of a new sect, under the name of '*New Philosophy*.' He has said that the Virgin could not have brought forth, and that our Catholic faith is all full of blasphemies against the majesty of God; that the monks ought to be deprived of the right of disputation and their revenues, because they pollute the world; that they are all asses, and that our opinions are doctrines of asses; that we have no proof that our faith has merit with God, and that not to do to others what we would not have done to ourselves suffices for a good life, and that he laughs at all other sins, and wonders how God can endure so many heresies in Catholics. He says that he means to apply himself to the art of divination, and make all the world run after him; that St. Thomas and all the Doctors knew nothing to compare with him, and that he could

ask questions of all the first theologians of the world that they could not answer." 249a

To this, the accused philosopher answered by the following profession of faith, which is that of every disciple of the ancient masters:

"I hold, in brief, to an infinite universe, that is, an effect of infinite divine power, because I esteemed it a thing unworthy of divine goodness and power, that, being able to produce besides this world another and infinite others, it should produce a finite world. Thus I have declared that there are infinite particular worlds similar to this of the earth, which, with Pythagoras, I understand to be a star similar in nature with the moon, the other planets, and the other stars, which are infinite; and that all those bodies are worlds, and without number, which thus constitute the infinite universality in an infinite space, and this is called the infinite universe, in which are innumerable worlds, so that there is a double kind of infinite greatness in the universe, and of a multitude of worlds. Indirectly, this may be understood to be repugnant to the truth according to the true faith.

"Moreover, I place in this universe a universal Providence, by virtue of which everything lives, vegetates and moves, and stands in its perfection, and I understand it in two ways; one, in the mode in which the whole soul is present in the whole and every part of the body, and this I call nature, the shadow and footprint of divinity; the other, the ineffable mode in which God, by essence, presence, and power, is in all and above all, not as part, not as soul, but in mode inexplicable.

"Moreover, I understand all the attributes in divinity to be one and the same thing. Together with the theologians and great philosophers, I apprehend three attributes, power, wisdom, and goodness, or, rather, mind, intellect, love, with which things have first, being, through the mind; next, ordered and distinct being, through the intellect; and third, concord and symmetry, through love. Thus I understand being in all and over all, as there is nothing without participation in being, and there is no being without essence, just as nothing is beautiful without beauty being present; thus nothing can be free from the divine presence, and thus by way of reason, and not by way of substantial truth, do I understand distinction in divinity.

"Assuming then the world caused and produced, I understand that, according to all its being, it is dependent upon the first cause, so that it did not reject the name of creation, which I understand that Aristotle also has expressed, saying, 'God is that upon whom the world and all nature depends,' so that according to the explanation of St. Thomas,

249 a. Domenico Berti: *Vita di Giordano Bruno de Nola*, pp. 327-8: Firenze, Torino, Milano, 1868.

whether it be eternal or in time, it is, according to all its being, dependent on the first cause, and nothing in it is independent.

"Next in regard to what appertains to the true faith, not speaking philosophically by particularizing about the divine persons, the wisdom and the son of the mind, called by philosophers intellect, and by theologians the Word, which ought to be believed to have taken on human flesh. But I, abiding in the phrases of philosophy, have not understood it, but have doubted and held it with inconstant faith, not that I remember to have shown marks of it in writing nor in speech, except indirectly from other things, something of it may be gathered as by way of ingenuity and profession in regard to what may be proved by reason and concluded from natural light. Thus in regard to the Holy Spirit in a third person, I have not been able to comprehend, as ought to be believed, but, according to the Pythagoric manner, in conformity to the manner shown by Solomon, I have understood it as the soul of the universe, or adjoined to the universe according to the saying of the wisdom of Solomon: 'The spirit of God filled all the earth, and that which contains all things,' all which conforms equally to the Pythagoric doctrine explained by Virgil in the text of the *Aeneid*:

Principio coelum ac terras camposque liquentes,
Lucentemque globum Lunae, Titaniaque astra,
Spiritus intus alit, totamque infusa per artus
Mens agitat molem;

and the lines following.

"From this spirit, then, which is called the life of the universe, I understand, in my philosophy, proceeds life and soul to everything which has life and soul, which moreover I understand to be immortal, as also to bodies, which as to their substance are all immortal, there being no other death than division and congregation, which doctrine seems expressed in *Ecclesiastes*, where it is said that 'there is nothing new under the sun; that which is, is that which was.' " (*Ibid.*, pp. 353-4.)

Furthermore, Bruno confesses his inability to comprehend the doctrine of three persons in the Godhead, and his doubts of the incarnation of God in Jesus, but firmly pronounces his belief in the *miracles* of Christ. How could he, being a Pythagorean philosopher, discredit them? If, under the merciless constraint of the Inquisition, he, like Galileo, subsequently recanted, and threw himself upon the clemency of his ecclesiastical persecutors, we must remember that he spoke like a man standing between the rack and the fagot, and human nature cannot always be heroic when the corporeal frame is debilitated by torture and imprisonment.

But for the opportune appearance of Berti's authoritative work, we

should have continued to revere Bruno as a martyr, whose bust was deservedly set high in the Pantheon of Exact Science, crowned with laurel by the hand of Draper. But now we see that their hero of an hour is neither atheist, materialist, nor positivist, but simply a Pythagorean who taught the philosophy of Upper Asia, and claimed to possess the powers of the magicians, so despised by Draper's own school! Nothing more amusing than this *contretemps* has happened since the supposed statue of Peter was discovered by irreverent archaeologists to be naught else than the Jupiter of the Capitol, and Buddha's identity with the Catholic St. Josaphat was satisfactorily proven.

Thus, search where we may through the archives of history, we find that there is no fragment of modern philosophy — whether Newtonian, Cartesian, Huxleyian or any other — but has been dug from the Oriental mines. Even Positivism and Nihilism find their prototype in the exoteric portion of Kapila's philosophy, as is well remarked by Max Müller. It was the inspiration of the Hindû sages that penetrated the mysteries of *Prajñā-Pāramitā* (perfect wisdom); their hands that rocked the cradle of the first ancestor of that feeble but noisy child that we have christened MODERN SCIENCE.

CHAPTER IV

"I choose the nobler part of Emerson, when, after various disenchantments, he exclaimed, 'I covet Truth.' The gladness of true heroism visits the heart of him who is really competent to say this." — TYNDALL

"A testimony is sufficient when it rests on:

1st. A great number of very sensible witnesses who agree in having seen *well*.

2d. Who are sane, bodily and mentally.

3d. Who are impartial and disinterested.

4th. Who unanimously agree.

5th. Who solemnly certify to the fact." — VOLTAIRE: *Dictionnaire philosophique*

THE Count Agénor de Gasparin is a devoted Protestant. His battle with MM. des Mousseaux, de Mirville and other fanatics who laid the whole of the spiritualist-phenomena at the door of Satan, was long and fierce. Two volumes of over fifteen hundred pages are the result, proving the *effects*, denying the *cause*, and employing superhuman efforts to invent every other possible explanation that could be suggested rather than the true one.

The severe rebuke received by the *Journal des Débats* from M. de Gasparin, was read by all civilized Europe.²⁵⁰ After that gentleman had minutely described numerous manifestations that he had witnessed himself, this journal very impertinently proposed to the authorities in France to send all those who, after having read the *fine* analysis of the "spiritual hallucinations" published by Faraday, should insist on crediting this delusion, to the lunatic asylum for *Incurables*. "Take care," wrote M. de Gasparin in answer, "the representatives of the exact sciences are on their way to become . . . the *Inquisitors* of our days. . . . Facts are stronger than Academies. Rejected, denied, mocked, they nevertheless are facts, and *do* exist."²⁵¹

The following affirmations of physical phenomena, as witnessed by himself and Professor Thury, may be found in M. de Gasparin's voluminous work.

"The experimenters have often seen the legs of the table *glued*, so to say, to the floor, and, notwithstanding the excitement of those present, refuse to be moved from their place. On other occasions they have seen the tables levitated in quite an energetic way. They heard, with their

250. De Gasparin: *Science vs. Modern Spiritualism*, I, p. 179: New York, 1857.
Journal des Débats, Aug. 30, 1853.

251. *Sc. vs. Mod. Sp.*, p. 188.

own ears, loud as well as gentle raps, the former threatening to shatter the table to pieces on account of their violence, the latter so soft as to become hardly perceptible. . . . As to LEVITATIONS WITHOUT CONTACT, we found means to produce them easily, and with success. . . . And such levitations do not pertain to isolated results. We have reproduced them over THIRTY times. . . . One day the table will turn, and lift its legs successively, its weight being augmented by a man weighing eighty-seven kilograms seated on it; another time it will remain motionless and *immovable*, notwithstanding that the person placed on it weighs but sixty. . . . On one occasion we willed it to turn upside down, and it turned over, with its legs in the air, notwithstanding that our fingers *never touched it once*."

"It is certain," remarks M. de Mirville, "that a man who had repeatedly witnessed such a phenomenon, could not accept the *fine* analysis of the English physicist."²²

Since 1850 M. des Mousseaux and M. de Mirville, uncompromising Roman Catholics, have published many volumes whose titles are cleverly contrived to attract public attention. They betray on the part of the authors a very serious alarm, which moreover they take no pains to conceal. Were it possible to consider the phenomena spurious, the Church of Rome would never have gone so much out of her way to repress them.

Both sides having agreed upon the facts, leaving skeptics out of the question, people could divide themselves into but two parties: the believers in the direct agency of the devil, and the believers in disembodied and other spirits. The fact alone that theology dreaded a great deal more the revelations which might come through this mysterious agency than all the threatening 'conflicts' with Science and the categorical denials of the latter, ought to have opened the eyes of the most skeptical. The Church of Rome has never been either credulous or cowardly, as is abundantly proved by the Machiavellism which marks her policy. Moreover she has never troubled herself much about the clever prestidigitateurs whom she *knew* to be simply adepts in juggling. Robert Houdin, Comte, Hamilton and Bosco slept secure in their beds, while she persecuted such men as Paracelsus, Cagliostro, and Mesmer, the Hermetic philosophers and mystics — and effectually stopped every genuine manifestation of an occult nature by killing the mediums.

Those who are unable to believe in a personal devil and the dogmas of the church must nevertheless accord to the clergy enough of shrewd-

252. *Ibid.*, pp. 40-50; and De Mirville: *Question des esprits*, p. 10.

ness to prevent the compromising of her reputation for infallibility by making so much of manifestations which, if fraudulent, must inevitably be some day exposed.

But the best testimony to the reality of this force was given by Robert Houdin himself, the king of jugglers, who, upon being called as an expert by the Academy to witness the wonderful *clairvoyant* powers and occasional mistakes of a table, said: "We jugglers never make mistakes, and my second-sight never failed me yet." ²⁵³

The learned astronomer Babinet was not more fortunate in his selection of Comte, the celebrated ventriloquist, as an expert to testify against the phenomena of direct voices and the rappings. Comte, if we may believe the witnesses, laughed in the face of Babinet at the bare suggestion that the raps were produced by "*unconscious ventriloquism!*" The latter theory, worthy twin-sister of "*unconscious cerebration,*" caused many of the most skeptical academicians to blush. Its absurdity was too apparent.

"The problem of the supernatural," says M. de Gasparin, "such as it was presented by the middle ages, and as it stands now, is not among the number of those which we are permitted to despise; its breadth and grandeur escape the notice of no one. . . . Everything is profoundly serious in it, both the evil and the remedy, the superstitious recrudescence, and the physical fact which is destined to conquer the latter." ²⁵⁴

Further, he pronounces the following decisive opinion, to which he came, conquered by the various manifestations, as he says himself — "The number of facts which claim their place in the broad daylight of truth, has so much increased of late, that of two consequences one is henceforth inevitable: either the domain of natural sciences must consent to expand itself, or the domain of the supernatural will become so enlarged as to have no bounds." ²⁵⁵

Among the multitude of books against spiritualism emanating from Catholic and Protestant sources, none have produced a more appalling effect than the works of M. de Mirville and M. des Mousseaux: *La magie au XIXme siècle* — *Mœurs et pratiques des démons* — *Hauts phénomènes de la magie* — *Les médiateurs de la magie* — *Des esprits et de leurs manifestations*, etc. They comprise the most cyclopaedic biography of the devil and his imps that has appeared for the private delectation of good Catholics since the middle ages.

According to the authors, *he* who was "a liar and murderer from the beginning," was also the principal motor of spiritual phenomena. He had been for thousands of years at the head of pagan theurgy;

253. *Quest. des esprits*, p. 47.

254. *Op. cit.* (De Gasparin), Pref., pp. xiv, xviii.

255. *Ibid.*, I, p. 212.

and it was he again who, encouraged by the increase of heresies, infidelity, and atheism, had reappeared in our century. The French Academy lifted up its voice in a general outcry of indignation, and M. de Gasparin even took it for a personal insult. "This is a declaration of war, a 'levée of shields' "— wrote he in his voluminous book of refutations. "The work of M. de Mirville is a real *manifesto*. I would be glad to see in it the expression of a strictly individual opinion, but, in truth, it is *impossible*. The success of the work, these solemn adhesions, the faithful reproduction of its theses by the journals and writers of the party, the solidarity established throughout between them and the whole body of Catholicism, . . . everything goes to show a work which is *essentially an act, and has the value of a collective labor*. As it is, I felt that I had a duty to perform. . . . I felt obliged to pick up the glove, . . . and lift high the Protestant flag against the Ultramontane banner." ²⁵⁶

The medical faculties, as might have been expected, assuming the part of the Greek chorus, echoed the various expostulations against the demonological authors. The *Medico-Psychological Annals*, edited by Drs. Brierre de Boismont and Cerise, published the following: "Outside these controversies of antagonistical parties, never in our country did a writer dare to face, with a more aggressive serenity, . . . the sarcasms, the scorn of what we term common sense; and as if to defy and challenge at the same time thundering peals of laughter and shrugging of shoulders, the author strikes an attitude, and placing himself with effrontery before the members of the Academy . . . addresses to them what he modestly terms his *Memoir on the Devil*!" ²⁵⁷

That was a cutting insult to the Academicians, to be sure; but ever since 1850 they seem to have been doomed to suffer in their pride more than most of them can bear. The idea of asking the attention of the forty 'Immortals' to the pranks of the Devil! They vowed revenge, and, leaguely themselves together, propounded a theory which exceeded in absurdity even M. de Mirville's demonolatry! Drs. Royer and Jobart de Lamballe — both celebrities in their way — formed an alliance and presented to the Institute a German whose cleverness afforded, according to his statement, the key to all the knockings and rappings of both hemispheres. "We blush"— remarks the Marquis de Mirville — "to say that the whole of the trick consisted simply in the reiterated displacement of one of the muscular tendons of the legs. Great demonstration of the system in full sitting of the Institute — and on the spot . . . expressions of Academical gratitude for this *interesting* communication, and, a few days later, a full assurance given to the public by a professor of the medical

256. *Ibid.*, II, p. 425.
1854, quoted by De Mirville, *Quest. des esprits*, p. xii.

257. *Medico-Psychological Annals*, Jan. 1,

faculty, that, scientists having pronounced their opinion, the mystery was at last unraveled!"²⁵⁸

But such *scientific* explanations neither prevented the phenomenon from quietly following its course, nor the two writers on demonology from proceeding to expound their strictly orthodox theories.

Denying that the Church had anything to do with his books, M. des Mousseaux gravely gave the Academy, in addition to his *Mémoire*, the following interesting and profoundly philosophical thoughts on Satan:

"*The Devil is one of the chief pillars of Faith.* He is one of the grand personages whose life is closely allied to that of the church; and without his speech which issued out so triumphantly from the mouth of the Serpent, *his medium*, the fall of man could not have taken place. Thus, if it was not for him, the Savior, the Crucified, the Redeemer, would be but the most ridiculous of supernumeraries, and the Cross an insult to good sense!"²⁵⁹

This writer, be it remembered, is only the faithful echo of his church, which anathematizes equally the one who denies God and him who doubts the objective existence of Satan.

But the Marquis de Mirville carries this idea of God's partnership with the Devil still further. According to him it is a regular commercial affair, in which the senior 'silent partner' suffers the active business of the firm to be transacted as it may please his junior associate, by whose audacity and industry he profits. Who could be of any other opinion, upon reading the following?

"At the moment of this spiritual invasion of 1853, so slightly regarded, we had dared to pronounce the word of a 'threatening catastrophe.' The world was nevertheless at peace, but history showing us the same symptoms at all disastrous epochs, we had a presentiment of the sad effects of a law which Görres has formulated thus: [Vol. v, p. 356.] 'These mysterious apparitions have invariably indicated the chastening hand of God on earth.'"²⁶⁰

These guerilla-skirmishes between the champions of the clergy and the materialistic Academy of Science prove abundantly how little the latter has done toward uprooting blind fanaticism from the minds of even well educated persons. *Evidently science has neither completely conquered nor muzzled theology.* She will master her only on that day when she will condescend to see in the spiritualist phenomenon something besides mere hallucination and charlatanry. But how can she do it without investigating it thoroughly? Let us suppose that before the time when

258. De Mirville: *Quest. des esprits*, pp. 18-19; *Constitutionnel*, June 15, 1854.

259. Chevalier des Mousseaux: *Mœurs et pratiques des démons*, p. x.

260. *Quest. des espr.*, p. vii.

electro-magnetism was publicly acknowledged, the Copenhagen Professor Oersted, its discoverer, had been suffering from an attack of what we call *psychophobia*, or *pneumatophobia*. He notices that the wire along which a voltaic current is passing shows a tendency to turn the magnetic needle from its natural position to one perpendicular to the direction of the current. Suppose, moreover, that the professor had heard much of certain superstitious people who used that kind of magnetized needles to converse with unseen intelligences; that they received signals and even held correct conversations with them by means of the tippings of such a needle; and that in consequence he suddenly felt a scientific horror and disgust for such an ignorant belief, and refused, point-blank, to have anything to do with such a needle. What would have been the result? Electro-magnetism might not have been discovered till now, and our experimentalists would have been the principal losers thereby.

Babinet, Royer, and Jobert de Lamballe, all three members of the Institute, particularly distinguished themselves in this struggle between skepticism and supernaturalism, and most assuredly have reaped no laurels. The famous astronomer had imprudently risked himself on the battlefield of the phenomenon. He had *explained* scientifically the manifestations. But emboldened by the fond belief among scientists that the new epidemic could not stand close investigation nor outlive the year, he had the still greater imprudence to publish two articles on them. As M. de Mirville very wittily remarks, if both of the articles had but a poor success in the scientific press, they had, on the other hand, none at all in the daily one.

M. Babinet began by accepting *a priori* the rotation and movements of the furniture, which facts he declared to be "*hors de doute*." "This rotation," he said, "being able to manifest itself with a considerable energy, either by a very great speed, or by a strong resistance when it is desired to stop." ²⁶¹

Now comes the explanation of the eminent scientist. "Gently pushed by little concordant impulsions of the hands laid upon it, the table begins to oscillate from right to left. . . . At the moment when, after more or less delay, a nervous trepidation is established in the hands and the little individual impulsions of all the experimenters have become harmonized, the table is set in motion." ²⁶²

He finds it very simple, for "all muscular movements are determined over bodies by levers of the third order, in which the fulcrum is very near to the point where the force acts. This, consequently, communicates a

261. *Ibid.*, pp. 13, 14; and *Revue des Deux Mondes*, January 15, 1854, p. 408.

262. This is a repetition and variation of Faraday's theory.

great speed to the mobile parts for the very little distance which the motor force has to run.²⁶³ . . . Some persons are astonished to see a table subjected to the action of several well-disposed individuals in a fair way to *conquer powerful obstacles*, even break its legs, when suddenly stopped; but that is *very simple* if we consider the power of the *little concordant actions*. . . . Once more, the physical explanation offers no difficulty."²⁶⁴

In this dissertation, two results are clearly shown: the reality of the phenomena admitted, and the scientific explanation made ridiculous. But M. Babinet can well afford to be laughed at a little; he knows, as an astronomer, that dark spots are to be found even in the sun.

There is one thing, though, that Babinet has always stoutly denied, viz.: the levitation of furniture without contact. De Mirville catches him proclaiming that such levitation is impossible: "simply *impossible*," he says, "as impossible as perpetual motion."²⁶⁵

Who can take upon himself, after such a declaration, to maintain that the word *impossible* pronounced by science is infallible?

But the tables, after having waltzed, oscillated and turned, began tipping and rapping. The raps were sometimes as powerful as pistol-detonations. What of this? Listen: "The witnesses and investigators are *ventriloquists*!"

De Mirville refers us to the *Revue des Deux Mondes*, in which is published a very interesting dialog, invented by M. Babinet speaking of himself to himself, like the Chaldaean Ain-Soph of the Kabalists: "What can we finally say of all these facts brought under our observation? Are there such raps produced? Yes. Do such raps answer questions? Yes. Who produces these sounds? The medium. By what means? *By the ordinary acoustic method of the ventriloquists*. But we were given to suppose that these sounds might result from the *cracking of the toes and fingers*? No; for then they would always proceed from the same point, and such is not the fact."²⁶⁶

"Now," asks M. de Mirville, "what are we to believe of the Americans and their *thousands of mediums* who produce the same raps before a million of witnesses?" "*Ventriloquism*, to be sure," answers Babinet. "But how can you explain such an impossibility?" The easiest thing in the world; listen only: "All that was necessary to produce the first manifestation in the *first house* in America was a street-boy knocking at the door of a mystified citizen, perhaps with a leaden ball attached to a

263. *Revue des Deux Mondes*, Jan. 15, 1854, p. 410.

264. *Ibid.*, p. 414.

265. *Ibid.*

266. *Ibid.*, May 1, 1854, p. 531; *Quest. des esprits*, p. 17.

string, and if Mr. Weekman (the first believer in America) (?) ²⁶⁷ when he watched for the third time, heard no shouts of laughter in the street, it is because of the essential difference which exists between a French street-Arab and an English or Trans-Atlantic one, the latter being amply provided with what we call a *sad merriment — gaieté triste*." ²⁶⁸

Truly says M. de Mirville in his famous reply to the attacks of MM. de Gasparin, Babinet, and other scientists: "and thus according to our great physicist, *the tables turn* very quickly, very energetically, resist likewise, and, as M. de Gasparin has proved, they *levitate without contact*. Said a minister: 'With three words of a man's handwriting, I take upon myself to have him hanged.' With the above three lines, we take upon ourselves, in our turn, to throw into the greatest confusion the physicists of all the globe, or rather to revolutionize the world — if at least, M. de Babinet had taken the precaution of suggesting, like M. de Gasparin, some yet unknown law or force. For this would cover the whole ground." ²⁶⁹

But it is in the notes embracing the "facts and physical theories," that we find the acme of the consistency and logic of Babinet as an expert investigator in the field of Spiritualism.

It would appear that M. de Mirville, in his narrative of the wonders manifested at the *Presbytère de Cideville*, was much struck by the marvelousness of some facts. Though authenticated before the inquest and magistrates, they were of so miraculous a nature as to force the demonological author himself to shrink from the responsibility of publishing them.

These facts were as follows: "At the precise moment *predicted* by a *sorcerer*" — a case of revenge — "a violent clap of thunder was heard above one of the chimneys of the presbytery, after which the *fluid* descended with a formidable noise through that passage, threw down believers as well as skeptics (as to the power of the sorcerer) who were warming themselves by the fire; and, having filled the room with a multitude of *fantastic animals*, returned to the chimney, and having re-ascended it, disappeared, after producing the same terrible noise. As," adds M. de Mirville, "we were already but too rich in facts, we recoiled before this new enormity added to so many others." ²⁷⁰

But M. Babinet, who in common with his learned colleagues had made such fun of the two writers on demonology, and who was determined, moreover, to prove the absurdity of all like stories, felt himself

267. We translate *verbatim*. We doubt whether Mr. Weekman was the first investigator.

268. Babinet: *Revue des Deux Mondes*, May 1, 1854, p. 511.

269. De Mirville: *Quest. des esprits*, pp. 19, 20.

270. *Ibid.*, notes, p. 12.

obliged to discredit the above-mentioned fact of the Cideville phenomena by presenting one still more incredible. We yield the floor to M. Babinet himself.

The following circumstance which he gave to the Academy of Sciences on July 5, 1852, can be found *without further comment*, and merely as an instance of a *sphere-like lightning*, in the *Œuvres de F. Arago*, I, p. 52. We offer it *verbatim*.

"After a strong clap of thunder," says M. Babinet, "but not immediately following it, a tailor apprentice, living in the Rue St. Jacques, who was just finishing his dinner, saw the paper-screen which shut the fireplace fall down as if pushed out of its place by a moderate gust of wind. Immediately after that he perceived a globe of fire, as large as the head of a child, come out *quietly* and *softly* from within the grate and slowly move about the room, without touching the bricks of the floor. The aspect of this fire-globe was that of a *young cat*, of middle size . . . moving itself without the use of its paws. The fire-globe was rather brilliant and luminous than hot or inflamed, and the tailor had no sensation of warmth. This globe approached his feet *like a young cat which wishes to play and rub itself against the legs*, as is habitual with these animals; but the apprentice withdrew his feet from it, and moving with great caution, avoided contact with the *meteor*. The latter remained for a few seconds moving about his legs, the tailor examining it with great curiosity and bending over it. After having tried several excursions in opposite directions, but without leaving the center of the room, the fire-globe elevated itself vertically to the level of the man's head, who to avoid its contact with his face, threw himself backward on his chair. Arrived at about a yard from the floor the fire-globe slightly lengthened, took an oblique direction toward a hole in the wall over the fireplace, at about the height of a meter above the mantelpiece. This hole had been made for the purpose of admitting the pipe of a stove in winter; but, according to the expression of the tailor, *the thunder could not see it*, for it was papered over like the rest of the wall. The fire-globe went directly to that hole, *unglued the paper without damaging it*, and reascended the chimney . . . when it arrived at the top, which it did very slowly . . . at least sixty feet above ground . . . it produced a most frightful explosion, which partly destroyed the chimney, . . ." etc.²⁷¹

"It seems," observes M. de Mirville in his review, "that we could apply to M. Babinet the following remark made by a very witty woman to Raynal, 'If you are not a Christian, it is not for lack of faith.'"

It was not alone believers who wondered at the credulity displayed by

271. *Ibid.*, pp. 12, 13.

M. Babinet, in persisting on calling the manifestation a *meteor*; for Dr. Boudin mentions it very seriously in a work on *lightning* he was just then publishing. "If these details are exact," says the doctor, "as they seem to be, since they are admitted by MM. Babinet and Arago, it appears very difficult for the phenomenon to retain its appellation of *sphere-shaped lightning*. However, we leave it to others to explain, if they can, the *essence of a fire-globe emitting no sensation of heat, having the aspect of a cat, slowly promenading in a room, which finds means to escape by reascending the chimney through an aperture in the wall covered over with a paper which it unglues without damaging it!*"

"We are of the same opinion," adds the marquis, "as the learned doctor, on the difficulty of an exact definition, and we do not see why we should not have in future lightning in the shape of a dog, of a monkey, etc., etc. One shudders at the bare idea of a whole meteorological menagerie, which, thanks to *thunder*, might come down to our rooms to promenade themselves at will." 272

Says M. de Gasparin, in his monster volume of refutations: "In questions of testimony, certitude must absolutely cease the moment we cross the borders of the supernatural." 273

The line of demarcation not being sufficiently fixed and determined, which of the opponents is better fitted to take upon himself the difficult task? Which of the two is better entitled to become the public arbiter? Is it the party of superstition, which is supported in its testimony by the evidence of many thousands of people? For nearly two years they crowded the country where were daily manifested the unprecedented miracles of Cideville, now nearly forgotten among other countless spiritual phenomena; shall we believe them, or shall we bow to science, represented by M. Babinet, who, on the testimony of *one man* (the tailor), accepts the manifestation of the fire-globe, or the *meteor-cat*, and henceforth claims for it a place among the established facts of *natural phenomena*?

Mr. Crookes, in his *Researches in the Phenomena of Spiritualism*, mentions M. de Gasparin and his work *Science versus Spiritualism*. He remarks that "the author finally arrived at the conclusion that all these phenomena are to be accounted for by the action of natural causes, and do not require the supposition of miracles, nor the intervention of spirits or diabolical influences! M. de Gasparin considers it as a fact fully established by his experiments, that *the will, in certain*

272. See Monograph: *Of the Lightning considered from the point of view of the history of Legal Medicine and Public Hygiene*, by M. Boudin, Chief Surgeon of the Military Hospital of Roule. Cf. *Quest. des esprits*, p. 13.

273. De Gasparin: *Science vs. Spiritualism*, I, p. 247.

states of the organism, can act at a distance on inert matter, and most of his work is devoted to ascertaining the laws and conditions under which this action manifests itself." 274

Precisely; but as the work of M. de Gasparin called forth numberless *Answers, Defenses, and Memoirs*, it was then demonstrated by his own work that as he was a Protestant, in point of religious fanaticism, he was as little to be relied upon as MM. des Mousseaux and de Mirville. The former is a profoundly pious Calvinist, while the two latter are fanatical Roman Catholics. Moreover the very words of M. de Gasparin betray the spirit of partisanship:—"I feel I have a duty to perform. . . . I lift high the Protestant flag against the Ultramontane banner!" etc. 275 In such matters as the nature of the so-called spiritual phenomena, no evidence can be relied upon, except the disinterested testimony of cold *unprejudiced* witnesses and science. Truth is one, and Legion is the name for religious sects; every one of which claims to have found the unadulterated truth; as "the Devil is one of the chief pillars of the (Catholic) Church," so all supernaturalism and miracles ceased, in M. de Gasparin's opinion, "with apostleship."

But Mr. Crookes mentioned another eminent scholar, Thury of Geneva, professor of natural history, who was a brother-investigator with Gasparin in the phenomena of Valleyres. This professor contradicts point-blank the assertions of his colleague. "The first and most necessary condition," says M. de Gasparin, "is the *will* of the experimenter; without the will, one would obtain nothing; you can form the chain [the circle] for twenty-four hours consecutively, without obtaining the least movement." 276

The above proves only that M. de Gasparin draws no distinction between phenomena purely magnetic, produced by the persevering will of the sitters among whom there may be not even a single medium, developed or undeveloped, and the so-called spiritual ones. While the first can be produced *consciously* by nearly every person who has a firm and determined will, the latter overpowers the sensitive very often against his own consent, and always acts independently of him. *The mesmerizer wills a thing, and if he is powerful enough, that thing is done. The medium, even if he had an honest purpose to succeed, may get no manifestations at all; the less he exercises his will, the better the phenomena; the more he feels anxious, the less he is likely to get anything; to mesmerize requires a positive nature, to be a medium a perfectly passive one. This is the Alphabet of Spiritualism, and no medium is ignorant of it.*

274. Crookes: *Op cit.*, p. 26.

275. *Science vs. Spirit.*, II, p. 425.

276. *Ibid.*, I, p. 35.

The opinion of M. Thury, as we have said, disagrees entirely with M. de Gasparin's theories of will-power. Thury states it in so many plain words, in a letter, in answer to the invitation of the count to modify the last article of his *mémoire*. As the book of M. Thury is not at hand, we translate the letter as it is found in the *résumé* of M. de Mirville's *Defense*. M. Thury's article which so shocked his religious friend, related to the possibility of the existence and intervention in those manifestations "of *wills* other than those of men and animals."

"I feel, sir, the justness of your observations in relation to the last pages of this *mémoire*: they may provoke a very bad feeling for me on the part of scientists in general. I regret it the more as my determination seems to affect you so much; nevertheless, I persist in my resolution, because I think it a duty, to shirk which would be a kind of treason.

"If, *against all expectations*, there were some truth in Spiritualism, by abstaining from saying on the part of science, as I conceive it to be, *that the absurdity of the belief in the intervention of spirits is not as yet demonstrated scientifically* (for such is the *résumé*, and the thesis of the last pages of my *mémoire*), by abstaining from saying it to those who, after having read my work, will feel inclined to experiment with the phenomena, I might risk to entice such persons on a path, many issues of which are very *equivocal*.

"*Without leaving the domain of science*, as I esteem it, I will pursue my duty to the end, without any reticence to the profit of my own glory, and, to use your own words, 'as the great scandal lies there,' I do not wish to assume the shame of it. I, moreover, insist that '*this is as scientific as anything else*.' If I wanted to sustain now the theory of the intervention of disembodied spirits, I would have no power for it, for the facts which are made known are not sufficient for the demonstration of such a hypothesis. As it is, and in the position I have assumed, I feel I am strong against every one. Willingly or not, all the scientists must learn, through experience and their own errors, to suspend their judgment as to things which they have not sufficiently examined. The lesson you gave them in this direction cannot be lost.

"GENEVA, 21 December, 1854." 277

Let us analyse the above letter, and try to discover what the writer thinks, or rather what he does not think of this new force. One thing is certain, at least: Professor Thury, a distinguished physicist and naturalist, admits, and even scientifically proves that various manifestations take place. Like Mr. Crookes, he does not believe that they are produced by the interference of spirits or disembodied men who have lived

277. Cf. Des Mousseaux: *La magie au XIX^{me} siècle*, pp. 263-4.

and died on earth; for he says in his letter that nothing has demonstrated this theory. He certainly believes as little in the Catholic devils or demons, for M. de Mirville, who quotes this letter as a triumphant proof against M. de Gasparin's naturalistic theory, once arrived at the above sentence, hastens to emphasize the words, "*in the experiments at Valleyres*,"²⁷⁸ showing himself anxious to convey the idea that the professor only meant the manifestations of Valleyres, when denying their being produced by demons.

The contradictions and, we are sorry to say, the absurdities in which M. de Gasparin allows himself to be caught, are numerous. While bitterly criticizing the pretensions of the learned Faradaysiacs, he attributes things which he declares *magical*, to causes perfectly natural. "If," he says, "we had to deal but with such phenomena [as witnessed and explained (?) by the great physicist], we might as well hold our tongues; but we have passed *beyond*, and what good can they do now, I would ask, these apparatus which demonstrate that an *unconscious pressure* explains the whole? It explains *all*, and the table resists pressure and guidance! It explains *all*, and a piece of furniture which *nobody touches* follows the fingers pointed at it; it *levitates* [without contact], and it turns itself *upside down!*"²⁷⁹

But for all that, he takes upon himself to *explain* the phenomena.

"People will be advocating miracles, you say — magic! Every new law appears to them as a prodigy. Calm yourselves; I take upon myself the task to quiet those who are alarmed. In the face of such phenomena, we do not cross at all the boundaries of natural law."²⁸⁰

Most assuredly we do not. But can the scientists assert that they have in their possession the keys to such law? M. de Gasparin thinks he has. Let us see.

"I do not myself venture to explain anything; *it is no business of mine*.[?] To authenticate simple facts, and maintain a truth which science desires to smother, is all I pretend to do. Nevertheless, I cannot resist the temptation to point out to those who would treat us as so many *illuminati* or sorcerers, that the manifestation in question affords an interpretation which agrees with *the ordinary laws of science*.

"Suppose a fluid, emanating from the experimenters, and chiefly from *some of them*; suppose that the will determined the direction taken by the fluid, and you will readily understand the rotation and levitation of that one of the legs of the table toward which is ejected with every action of the will an excess of fluid. Suppose that the glass causes the fluid to escape, and you will understand how a tumbler placed on the

278. De Mirville pleads here the devil-theory, of course.

279. *Science vs. Spirit*, I, p. 114. 280. *Ibid.*, I, p. 191.

table can interrupt its rotation, and that the tumbler, placed on one of its sides, causes the accumulation of the fluid in the opposite side, which, in consequence of that, *is lifted!*"²⁸¹

If every one of the experimenters was a clever mesmerizer, the explanation, *minus* certain important details, might be acceptable. So much for the power of *human will* on inanimate matter, according to the learned minister of Louis Philippe. But how about the intelligence exhibited by the table? What explanation does he give as to answers obtained through the agency of this table to questions? answers which could not possibly have been the "reflexions of the brain" of those present (one of the favorite theories of M. de Gasparin), for their own ideas were quite the reverse of the very *liberal* philosophy given by this wonderful table? On this he is silent. Anything but *spirits*, whether human, satanic, or elemental.

Thus, the "simultaneous concentration of thought," and the "accumulation of fluid," will be found no better than "the unconscious cerebration" and "psychic force" of other scientists. We must try again; and we may predict confidently that the thousand and one theories of scientists will prove of no avail until they will confess that this force, far from being a projection of the accumulated wills of the circle, is on the contrary a force which is abnormal, foreign to themselves, and *supra-intelligent*.

Professor Thury—who denies the theory of departed human spirits, rejects the Christian devil-doctrine, and shows himself unwilling to pronounce in favor of Crookes's theory (the 6th), that of the Hermetists and ancient theurgists—adopts the one which he says in his letter is "*the most prudent*, and makes me feel strong against every one." Moreover, he accepts as little of M. de Gasparin's hypothesis of "unconscious will-power." This is what he says in his work:

"As to the reported phenomena—such as the *levitation without contact*, and the displacement of furniture by invisible hands — unable to demonstrate their impossibility, *a priori*, no one has the right to treat as absurd the serious evidences which affirm their occurrence."

As to the theory proposed by M. de Gasparin, Thury judges it very severely. "While admitting that in the experiments of Valleyres," says De Mirville, "the seat of the *force* might have been in the *individual* — and we say that it was intrinsic and extrinsic at the same time — and that the will might be generally necessary, he repeats but what he had said in his preface, to wit: 'M. de Gasparin presents us with crude facts, and the explanations following he offers for what they are worth. *Breathe on them*, and not many will be found standing after this. No,

281. *Ibid.*, p. 191.

very little, if anything, will remain of his explanations. As to facts, they are *henceforth demonstrated.*" 282

As Mr. Crookes tells us, Professor Thury refutes "all these explanations, and considers the effects due to a peculiar substance, fluid, or agent, pervading, in a manner similar to the luminiferous ether of the scientists, all matter, nervous, organic or inorganic — which he terms *psychode*. He enters into full discussion as to the properties of this state or form of matter, and proposes the term *ecten*ic force . . . for the power exerted when the mind acts at a distance through the influence of the *psychode*." 283

Mr. Crookes remarks further that "Professor Thury's *ecten*ic force and his own 'psychic force' are evidently equivalent terms."

We certainly could very easily demonstrate that the two forces are identical, moreover, with the astral or *sidereal* light as explained by the alchemists and Éliphas Lévi, in his *Dogme et rituel de la haute magie*; and that under the name of *Ākâśa*, or life-principle, this all-pervading force was known to the gymnosophists, Hindû magicians, and adepts of all countries thousands of years ago; and that it is still known to them, and used at present by the Tibetan lamas, fakirs, thaumaturgists of all nationalities, and even by many of the Hindû 'jugglers.'

In many cases of trance, artificially induced by mesmerization, it is also quite possible, even quite probable, that it is the 'spirit' of the subject which acts under the guidance of the operator's will. But if the medium remains conscious, and psycho-physical phenomena occur which indicate a directing intelligence, then unless it be conceded that he is a 'magician,' and can project his double, physical exhaustion can signify nothing more than nervous prostration. The proof that he is the passive instrument of unseen entities controlling occult potencies, seems conclusive. Even if Thury's *ecten*ic and Crookes's *psychic* force are substantially of the same derivation, the respective discoverers seem to differ widely as to the properties and potencies of this force. Professor Thury candidly admits that the phenomena are often produced by "wills *not* human," and so, of course, gives a qualified endorsement to Mr. Crookes's theory No. 6; while the latter, admitting the genuineness of the phenomena, has as yet pronounced no definite opinion as to their cause.

Thus we find that neither M. Thury, who investigated these manifestations with M. de Gasparin in 1854, nor Mr. Crookes, who conceded their undeniable genuineness in 1874, have reached anything definite. Both are chemists, physicists, and very learned men. Both have given all their attention to the puzzling question; and besides these two scien-

282. *Question des esprits*, p. 23.

283. *Res. Phen. Spirit.*, p. 27.

tists there were many others who, while coming to the same conclusion, have hitherto been as unable to furnish the world with a final solution. It follows then that in twenty years none of the scientists have made a single step toward the unraveling of the mystery, which remains as immovable and impregnable as the walls of an enchanted castle in a fairy tale.

Would it be too impertinent to surmise that perhaps our modern scientists have got in what the French term *un cercle vicieux*? That hampered by the weight of their materialism, and the insufficiency of what they name 'the exact sciences' to demonstrate to them tangibly the existence of a spiritual universe, peopled and inhabited much more than our visible one, they are doomed forever to creep around *inside* that circle, unwilling rather than unable to penetrate beyond its enchanted ring and explore it in its length and breadth? It is but prejudice which keeps them from making a compromise with well-established facts, and seeking alliance with such expert magnetists and mesmerizers as were Du Potet and Regazzoni.

✓ "What then is produced from death?" inquired Socrates of Cebes. "Life," was the reply.²⁸⁴ ". . . Can the soul, since it is immortal, be anything else than imperishable?"²⁸⁵ The "seed cannot develop unless it is in part consumed," says Prof. Le Conte; "it is not quickened unless it die," says Paul.

A flower blossoms; then withers and dies. It leaves a fragrance behind which, long after its delicate petals are but a little dust, still lingers in the air. Our material sense may not be cognisant of it, but it nevertheless exists. Let a note be struck on an instrument, and the faintest sound produces an eternal echo. A disturbance is created on the invisible waves of the shoreless ocean of space, and the vibration is never wholly lost. Its energy being once carried from the world of matter into the immaterial world will live for ever. And man, we are asked to believe, man, the living, thinking, reasoning entity, the indwelling deity of our nature's crowning masterpiece, will evacuate his casket and be no more! Would the principle of continuity which exists even for the so-called *inorganic* matter, for a floating atom, be denied to the spirit, whose attributes are consciousness, memory, mind, LOVE! Really, the very idea is preposterous. The more we think and the more we learn, the more difficult it becomes for us to account for the atheism of the scientist. We may readily understand that a man ignorant of the laws of nature, unlearned in either chemistry or physics, may be fatally drawn into materialism through his very ignorance, his inability to

284. Plato: *Phaedo*, § 44.

285. *Ibid.*, § 128.

understand the philosophy of the exact sciences, or to draw any inference by analogy from the *visible* to the *invisible*. A natural-born metaphysician, an ignorant dreamer, may awake abruptly and say to himself: "I dreamed it; I have no tangible proof of that which I imagined; it is all illusion," etc. But for a man of science, acquainted with the characteristics of the universal energy, to maintain that *life* is merely a phenomenon of matter, a species of energy, amounts simply to a confession of his own incapability of analysing and properly understanding the alpha and the omega even of that — matter.

Sincere skepticism as to the immortality of man's soul is a malady, a malformation of the physical brain, and has existed in every age. As there are infants born with a caul upon their heads, so there are men who are incapable to their last hour of ridding themselves of that kind of caul evidently enveloping their organs of spirituality. But it is quite another feeling which makes them reject the possibility of spiritual and magical phenomena. The true name for that feeling is — *vanity*. "We can neither produce nor explain it — hence, it *does not* exist, and moreover, could *never* have existed." Such is the irrefutable argument of our present-day philosophers. Some thirty years ago M. E. Salverte startled the world of the 'credulous' by his work, *The Philosophy of Magic*. The book claimed to unveil all of the miracles of the Bible as well as those of the Pagan sanctuaries. Its *résumé* ran thus: Long ages of observation; a great knowledge (for those days of ignorance) of natural sciences and philosophy; imposture; legerdemain; optics; phantasmagoria; exaggeration. Final and logical conclusion: Thaumaturgists, prophets, magicians — rascals, and knaves; the rest of the world — fools.

Among many other conclusive proofs, the reader can find him offering the following: "The enthusiastic disciples of Iamblichus affirmed that when he prayed, he was raised to the height of ten cubits from the ground; and *dupes* of the same metaphor, although Christians, have had the simplicity to attribute a similar miracle to St. Clare and St. Francis of Assisi." ²⁸⁶

Hundreds of travelers claimed to have seen fakirs produce the same phenomenon, and they were all thought either liars or hallucinated. But it was only yesterday that it was witnessed and endorsed by a well-known scientist; it was produced under test conditions; declared by Mr. Crookes to be genuine, and to be *beyond* the possibility of an illusion or a trick. And so was it manifested many a time before and attested by numerous witnesses, though the latter are now invariably disbelieved.

286. *Op. cit.*, English translation by Thomson, I, p. 47: London, 1846.

Peace to thy scientific ashes, O credulous Eusèbe Salverte! Who knows but that before the close of the present century popular wisdom will have invented a new proverb: "As incredibly credulous as a scientist."

Why should it appear so impossible that when the spirit is once separated from its body, it may have the power to animate some evanescent form, created out of that magical 'psychic' or 'ectenic' or 'ethereal' force with the help of the elementaries, who furnish it with the sublimated matter of their own bodies? The only difficulty is to realize the fact that surrounding space is not an empty void, but a reservoir filled to repletion with the models of all things that ever were, that are, and that will be; and with beings of countless races, unlike our own. Seemingly supernatural facts — supernatural in that they openly contradict the demonstrated natural laws of gravitation, as in the above-mentioned instance of levitation — are recognised by many scientists. Every one who has dared to investigate with thoroughness has found himself compelled to admit their existence; only in their unsuccessful efforts to account for the phenomena on theories based on the laws of such forces as were already known, some of the highest representatives of science have involved themselves in inextricable difficulties!

In his *Résumé*, M. de Mirville describes the argumentation of these adversaries of spiritualism as consisting of five paradoxes, which he terms *distractions*.

First distraction: that of Faraday, who explains the table phenomenon by the table which *pushes* you "in consequence of the resistance which *pushes it back*."

Second distraction: that of Babinet, explaining all the communications (by raps) which are produced, as he says, "in good faith and with perfect conscientiousness, correct in every way and sense — by *ventriloquism*," the use of which faculty implies of necessity — *bad faith*.

Third distraction: that of Dr. Chevreuil, explaining the faculty of moving furniture *without* contact, by the preliminary acquisition of that faculty.

Fourth distraction: that of the French Institute and its members, who consent to accept the miracles on condition that the latter will not contradict in any way those natural laws with which they are acquainted.

Fifth distraction: that of M. de Gasparin, introducing as a very *simple* and perfectly *elementary* phenomenon that which every one rejects, precisely because no one ever saw the like of it.²⁸⁷

While the great, world-known scientists indulge in such fantastic theories, some less known neurologists find an explanation of occult phe-

287. *Question des esprits.*

nomena of every kind in an abnormal effluvium resulting from epilepsy.²⁸⁸ Another would treat mediums — and poets, too, we may infer — with assafoetida and ammonia,²⁸⁹ and declare all the believers in spiritual manifestations to be lunatics and hallucinated mystics.

To the latter lecturer and professed pathologist is commended that sensible bit of advice to be found in the New Testament: "Physician, heal thyself." Truly, no sane man would so sweepingly charge insanity upon four hundred and forty-six millions of people in various parts of the world, who believe in the intercourse of spirits with ourselves!

Considering all this, it remains to us but to wonder at the preposterous presumption of these men, who claim to be regarded by right of learning as the high priests of science, in classifying a phenomenon they know nothing about. Surely, several millions of their countrymen and women, if deluded, deserve at least as much attention as potato-bugs or grasshoppers! But instead of that, what do we find? The Congress of the United States, at the demand of the American Association for the Advancement of Science, enacts statutes for organizing National Insect Commissions; chemists are busying themselves in boiling frogs and bugs; geologists amuse their leisure by osteological surveys of armored *ganoids*, and discuss the odontology of the various species of *dinichtys*; and entomologists suffer their enthusiasm to carry them to the length of supping on grasshoppers boiled, fried, and in soup.²⁹⁰ Meanwhile, millions of Americans are either losing themselves in the maze of 'crazy delusions,' according to the opinion of some of these very learned encyclopaedists, or perishing physically from 'nervous disorders' brought on or brought out by mediumistic diathesis.

At one time there was reason to hope that Russian scientists would have undertaken the task of giving the phenomena a careful and impartial study. A commission was appointed by the Imperial University of St. Petersburg, with Professor Mendeleyeff, the great physicist, at its head. The advertised program provided for a series of forty *séances* to test mediums, and invitations were extended to all of this class who chose to come to the Russian capital and submit their powers to examination. As a rule they refused — doubtless from a prevision of the trap that had been laid for them. After *eight* sittings, upon a shallow pretext, and just when the manifestations were becoming interesting, the commission prejudged the case, and published a decision adverse to the claims of mediumism. Instead of pursuing dignified, scientific methods, they set spies to peep through key-holes. Professor Mendeleyeff de-

288. F. G. Fairfield: *Ten Years with Spiritual Mediums*, ch. v, etc.: New York, 1875.

289. Marvin: *Lectures on Mediomania*, etc. 290. *Scient. American*: New York, 1875.

clared in a public lecture that spiritualism, or any such belief in our souls' immortality, was a mixture of *superstition, delusion, and fraud*; adding that every 'manifestation' of such nature — including mind-reading, trance, and other psychological phenomena, we must suppose — could be and *was* produced by means of clever apparatus and machinery concealed under the clothing of mediums!

After such a public exhibition of ignorance and prejudice, Mr. Butlerof, Professor of Chemistry at the St. Petersburg University, and Mr. Aksakoff, Counsellor of State in the same city, who had been invited to assist on the committee for mediums, became so disgusted that they withdrew. Having published their protests in the Russian papers, they were supported by the majority of the press, who did not spare either Mendeleyeff or his officious committee their sarcasms. The public acted fairly in that case. One hundred and thirty of the most influential persons of the best society of St. Petersburg, many of them no spiritualists at all, but simply investigators, added their signatures to the well-deserved protest.

The inevitable result of such a procedure followed; universal attention was drawn to the question of spiritualism; private circles were organized throughout the empire; some of the most liberal journals began to discuss the subject; and, as we write, a new commission is being organized to finish the interrupted task.

But now — as a matter of course — they will do their duty less than ever. They have a better pretext than they ever had in the pretended *exposé* of the medium Slade by Professor Lankester of London. True, according to the evidence of one scientist and his friend — Messrs. Lankester and Donkin — the accused opposed the testimony of Wallace, Crookes, and a host of others, which totally nullifies an accusation based merely on circumstantial evidence and prejudice. As the *London Spectator* very pertinently observes:

"It is really a pure superstition and nothing else to assume that we are so fully acquainted with the laws of nature, that even carefully examined facts, attested by an experienced observer, ought to be cast aside as utterly unworthy of credit, only because they do not, at first sight, seem to be in keeping with what is most clearly known already. To assume, as Professor Lankester appears to do, that because fraud and credulity in plenty are to be found in connexion with these facts — as there are, no doubt, in connexion with all nervous diseases — fraud and credulity will account for all the carefully attested statements of accurate and conscientious observers, is to saw away at the very branch of the tree of knowledge on which inductive science necessarily rests, and to bring the whole structure toppling to the ground."

But what matters all this to scientists? The torrent of superstition, which according to them sweeps away millions of bright intellects in its impetuous course, cannot reach them. The modern deluge called spiritualism is unable to affect their strong minds; and the muddy waves of the flood must expend their raging fury without wetting even the soles of their boots. Surely it must be but traditional stubbornness on the part of the Creator that prevents him from confessing what a poor chance his miracles have in our day in blinding professed scientists. By this time even He ought to know and take notice that long ago they decided to write on the porticoes of their universities and colleges:

"Science commands that God shall not
Do miracles upon this spot!" 291

Both the infidel spiritualists and the orthodox Roman Catholics seem to have leagued themselves this year against the iconoclastic pretensions of materialism. Increase of skepticism has lately developed a corresponding increase of credulity. The champions of the Bible 'divine' miracles rival the panegyrists of mediumistic phenomena, and the middle ages revive in the nineteenth century. Once more we see the Virgin Mary resume her epistolary correspondence with the faithful children of her church; and while the 'angel friends' scribble messages to spiritualists through their mediums, the 'mother of God' drops letters direct from heaven to earth. The shrine of Notre Dame de Lourdes has turned into a spiritualistic cabinet for 'materializations,' while the cabinets of popular American mediums are transformed into sacred shrines, into which Mohammed, Bishop Polk, Joan of Arc and other aristocratic spirits from over the 'dark river,' having descended, 'materialize' in full light. And if the Virgin Mary is seen taking her daily walk in the woods about Lourdes in full human form, why not the Apostle of Islam and the late Bishop of Louisiana? Either both 'miracles' are possible, or both kinds of these manifestations, the 'divine' as well as the 'spiritual,' are arrant impostures. Time alone will prove which; but meanwhile, as science refuses the loan of her magic lamp to illuminate these mysteries, common people must go stumbling on whether they be mired or not.

The recent 'miracles' at Lourdes having been unfavorably discussed in the London papers, Monsignor Capel communicates to the *Times* the views of the Roman Church in the following terms:

291. "De par le Roi, défense à Dieu,
De faire miracle, en ces lieux."

A satire that was found written upon the walls of the cemetery at the time of the Jansenist miracles and their prohibition by the police of France.

✓ "As to the miraculous cures which are effected, I would refer your readers to the calm, judicious work, *La grotte de Lourdes*, written by Dr. Dozous, an eminent resident practitioner, inspector of epidemic diseases for the district, and medical assistant of the Court of Justice. He prefaces a number of detailed cases of miraculous cures, which he says he has studied with great care and perseverance, with these words: 'I declare that these cures effected at the Sanctuary of Lourdes by means of the water of the fountain, have established their supernatural character in the eyes of men of good faith. I ought to confess that without these cures, my mind, little prone to listen to miraculous explanations of any kind, would have had great difficulty in accepting even this fact (the apparition), remarkable as it is from so many points of view. But the cures, of which I have been so often an ocular witness, have given to my mind a light which does not permit me to ignore the importance of the visits of Bernadette to the Grotto, and the reality of the apparitions with which she was favored.' The testimony of a distinguished medical man, who has carefully watched Bernadette from the beginning, and the miraculous cures at the Grotto, is at least worthy of respectful consideration. I may add, that the vast number of those who come to the Grotto do so to repent of their sins, to increase their piety, to pray for the regeneration of their country, to profess publicly their belief in the Son of God and his Immaculate Mother. Many come to be cured of bodily ailments; and on the testimony of eye-witnesses several return home freed from their sickness. To upbraid with non-belief, as does your article, those who use also the waters of the Pyrenees, is as reasonable as to charge with unbelief the magistrates who inflict punishment on the 'peculiar people' for neglecting to have medical aid. Health obliged me to pass the winters of 1860 to 1867 at Pau. This gave me the opportunity of making the most minute inquiry into the apparition at Lourdes. After frequent and lengthened examinations of Bernadette and of some of the miracles effected, I am convinced that, *if facts are to be received on human testimony, then has the apparition at Lourdes every claim to be received as an undeniable fact.* It is, however, no part of the Catholic faith, and may be accepted or rejected by any Catholic without the least praise or condemnation."

Let the reader observe the sentence we have italicized. This makes it clear that the Catholic Church, despite her infallibility and her liberal postage convention with the Kingdom of Heaven, is content to accept even the validity of *divine* miracles upon human testimony. Now when we turn to the report of Mr. Huxley's recent New York lectures on evolution, we find him saying that it is upon "human historical evidence that we depend for the greater part of our knowledge for the doings of

the past." In a lecture on Biology, he has said ". . . every man who has the interest of truth at heart must earnestly desire that every well-founded and just criticism that can be made should be made; but it is essential . . . that the critic should know what he is talking about." An aphorism that its author should recall when he undertakes to pronounce upon psychological subjects. Add this to his views as expressed above, and who could ask a better platform upon which to meet him?

Here we have a representative materialist and a representative Catholic prelate enunciating identical views of the sufficiency of *human testimony* to prove facts that it suits the prejudices of each to believe. After this, what need for either the student of occultism or even the spiritualist to hunt about for endorsements of the argument they have so long and so persistently advanced, that the psychological phenomena of ancient and modern thaumaturgists being superabundantly proven upon human testimony must be accepted as facts? Church and College having appealed to the tribunal of human evidence, they cannot deny the rest of mankind an equal privilege. One of the fruits of the recent agitation in London of the subject of mediumistic phenomena, is the expression of some remarkably liberal views on the part of the secular press. "In any case, we are for admitting spiritualism to a place among tolerated beliefs, and letting it alone accordingly," says the *London Daily News* in 1876. "It has many votaries who are as intelligent as most of us, and to whom any obvious and palpable defect in the evidence meant to convince must have been obvious and palpable long ago. Some of the wisest men in the world believed in ghosts, and would have continued to do so even though half a dozen persons in succession had been convicted of frightening people with sham goblins."

It is not for the first time in the history of the world that the invisible world has to contend against the materialistic skepticism of soul-blind Sadducees. Plato deplores such an unbelief, and refers to this pernicious tendency more than once in his works.

From Kapila, the Hindû philosopher, who many centuries before Christ demurred to the claim of the mystic *Yogins* that in ecstasy a man has the power of seeing Deity face to face and conversing with the 'highest' beings, down to the Voltaireans of the eighteenth century, who laughed at everything that was held sacred by other people, each age had its unbelieving Thomases. Did they ever succeed in checking the progress of truth? No more than the ignorant bigots who sat in judgment over Galileo checked the progress of the earth's rotation. No exposures whatever are able to vitally affect the stability or instability of a belief which humanity inherited from the first races of men, those who — if we

can believe in the evolution of spiritual man as in that of the physical one — had the great truth from the lips of their ancestors, the *gods of their fathers*, "that were on the other side of the flood." The identity of the Bible with the legends of the Hindû sacred books and the cosmogonies of other nations must be demonstrated at some future day. *The fables of the mythopoeic ages will be found to have but allegorized the greatest truths of geology and anthropology.* It is in these ridiculously expressed fables that science will have to look for her 'missing links.'

Otherwise, whence such strange 'coincidences' in the respective histories of nations and peoples so widely thrown apart? Whence that identity of primitive conceptions which, fables and legends though they are termed now, contain in them nevertheless the kernel of historical facts, of a truth thickly overgrown with the husks of popular embellishment, but still a truth? Compare only this verse of *Genesis*, vi: "And it came to pass, when *men began to multiply* on the face of the earth, and daughters were born unto them, that the sons of God saw the daughters of men, that they were fair; and they took them wives of all which they chose. . . . There were *giants in the earth in those days*," etc., with this part of the Hindû cosmogony, in the *Vedas*, which speaks of the descent of the Brâhmanas. The first Brâhmana complains of being *alone* among all his brethren without a wife. Notwithstanding that the Eternal advises him to devote his days solely to the study of the Sacred Knowledge (*Veda*), the *first-born* of mankind insists. Provoked at such ingratitude, the eternal gave the Brâhmana a wife of the race of the *Dâityas*, or *giants*, from whom all the Brâhmanas maternally descend. Thus the entire Hindû priesthood is descended, on the one hand, from the *superior* spirits (the sons of God), and from *Dâiteyi*, a daughter of the earthly giants, the primitive men.²⁹² "And they bare children to them; the same became mighty men which were of old; men of renown."²⁹³

The same is found in the Scandinavian cosmogonical fragment. In the *Edda* is given the description to *Gangler* by *Har*, one of the three informants (*Har*, *Jafnhar*, and *Thridi*), of the first man, called *Bur*, "the father of *Bör*, who took for wife *Besla*, a daughter of the giant *Bölthorn*, of the race of the *primitive giants*." The full and interesting narrative may be found in the *Prose Edda*, sections 4-8, in Mallet's *Northern Antiquities*.²⁹⁴

The same groundwork underlies the Grecian fables about the Titans;²⁹⁵

292. Polier: *La mythologie des indous*.

293. *Genesis*, vi, 1-4.

294. Bohn's edition, pp. 401-405.

295. In the *Quarterly Review* of 1859, Graham gives a strange account of many now deserted Oriental cities, in which the stone doors are of enormous dimensions, often seemingly out of proportion with the buildings themselves, and remarks that dwellings and doors bear all of them the impress of an ancient race of giants.

and may be found in the legend of the Mexicans — the four successive races of the *Popol Vuh*. It constitutes one of the many ends to be found in the entangled and seemingly inextricable skein of mankind, viewed as a psychological phenomenon. Belief in supernaturalism would be otherwise inexplicable. To say that it sprang up, and grew and developed throughout the countless ages, without either cause or the least firm basis to rest upon, but merely as an empty fancy, would be to utter as great an absurdity as the theological doctrine that the universe sprang into creation out of nothing.

It is too late now to kick against an evidence which manifests itself as in the full glare of noon. Liberal, as well as Christian papers, and the organs of the most advanced scientific authorities, begin to protest unanimously against the dogmatism and narrow prejudices of sciolism. *The Christian World*, a religious paper, adds its voice to that of the unbelieving London press. The following is a good specimen of its common sense:

"If a medium," it says, "can be shown ever so conclusively to be an impostor, we shall still object to the disposition manifested by persons of some authority in scientific matters to pooh-pooh and knock on the head all careful inquiry into those subjects of which Mr. Barrett took note in his paper before the British Association. Because spiritualists have committed themselves to many absurdities, that is no reason why the phenomena to which they appeal should be scouted as unworthy of examination. They may be mesmeric, or clairvoyant, or something else. But let our wise men tell us what they are, and not snub us, as ignorant people too often snub inquiring youth, by the easy but unsatisfactory apothegm, 'Little children should not ask questions.'"

Thus the time has come when the scientists have lost all right to be addressed with the Miltonian verse, "O thou who, for the testimony of truth, hast borne universal reproach!" Sad degeneration, and one that recalls the exclamation of that "doctor of physick" mentioned two hundred years ago by Dr. Henry More, who, upon hearing the story told of the drummer of Tedworth and of Ann Walker, "*cry'd out presently, If this be true, I have been in a wrong box all this time, and must begin my account anew.*"²⁹⁶

But in our century, notwithstanding Huxley's endorsement of the value of "human testimony," even Dr. Henry More has become "an enthusiast and a visionary, both of which, united in the same person, constitute a *canting madman.*"²⁹⁷

296. Dr. More: Letter to Glanvil, in *Saducismus triumphatus*, p. 12.

297. J. S. F.: *Demonologia, or Natural Knowledge Revealed*, p. 219.

What psychology has long lacked to make its mysterious laws better understood and applicable to the ordinary as well as extraordinary affairs of life, is not facts. These it has had in abundance. The need has been for their recording and classification — for trained observers and competent analysts. From the scientific body these ought to have been supplied. If error has prevailed and superstition run riot these many centuries throughout Christendom, it is the misfortune of the common people, the reproach of science. The generations have come and gone, each furnishing its quota of martyrs to conscience and moral courage, and psychology is little better understood in our day than it was when the heavy hand of the Vatican sent those brave unfortunates to their untimely doom and branded their memories with the stigma of heresy and sorcery.

CHAPTER V

"Ich bin der Geist der stets verneint."
(I am the spirit which still denies.)

— *Mephisto*: in *FAUST*

"The Spirit of truth, whom the world cannot receive; for it beholdeth him not, neither knoweth him."— *John*, xiv, 17

"Millions of spiritual creatures walk the earth
Unseen, both when we wake and when we sleep."

— *MILTON*

"Mere intellectual enlightenment cannot recognise the spiritual. As the sun puts out a fire, so spirit puts out the eyes of mere intellect."— *W. HOWITT*

THERE has been an infinite confusion of names to express one and the same thing.

The Chaos of the ancients; the Zoroastrian sacred fire, or the *Atash-Behram* of the Pársis; the Hermes-fire; the Elmes-fire of the ancient Germans; the lightning of Cybele; the burning torch of Apollo; the flame on the altar of Pan; the inextinguishable fire in the temple on the Acropolis, and in that of Vesta; the fire-flame of Pluto's helm; the brilliant sparks on the hats of the Dioscuri, on the Gorgon head, the helm of Pallas, and the staff of Mercury; the *ἥνι ἀσβεστον*; the Egyptian *Ptah*, or *Rā*; the Grecian *Zeus Kataibates* (the descending);²⁹⁸ the pentecostal tongues of fire; the burning bush of Moses; the pillar of fire of the *Exodus*, and the 'burning lamp' of Abram; the eternal fire of the 'bottomless pit'; the Delphic oracular vapors; the Sidereal Light of the Rosicrucians; the *Ἀκᾶσα* of the Hindû adepts; the Astral light of Éliphas Lévi; the nerve-aura and the fluid of the magnetists; the *Od* of Reichenbach; the fire-globe or meteor-cat of Babinet; the *Psychode* and "ectenic" force of Thury; the psychic force of Sergeant Cox and Mr. Crookes; the atmospheric magnetism of some naturalists; galvanism; and finally, electricity — are but various names for many different manifestations or effects of the same mysterious, all-pervading cause, the Greek *Archæus*, or *Ἀρχαῖος*.

Sir E. Bulwer Lytton, in *The Coming Race*, describes it as the *VRIL*,²⁹⁹ used by the subterranean populations, and allowed his readers to take it

298. Pausanias: *The Description of Greece*, V, xiv (T. Taylor's transl.)

299. We apprehend that the noble author coined his curious names by contracting words in classical languages. *Gy* would come from *gunē*; *vril* from *virile*.

for a fiction. "These people," he says, "consider that in the *vril* they have arrived at the unity in natural energetic agencies"; and proceeds to show that Faraday intimated them "under the more cautious term of correlation," thus:

"I have long held an opinion, almost amounting to a conviction, in common, I believe, with many other lovers of natural knowledge, that the various forms under which the forces of matter are made manifest, HAVE ONE COMMON ORIGIN; or in other words are so directly related and naturally dependent, that they are convertible as it were into one another, and possess equivalents of power in their action."

Absurd and unscientific as may appear our comparison of a fictitious *vril* invented by the great novelist, and the primal force of the equally great experimentalist, with the kabalistic astral light, it is nevertheless the true definition of this force. Discoveries are constantly being made to corroborate the statement thus boldly put forth. Since we began to write this part of our book, an announcement has been made in a number of papers of the supposed discovery of a new force by Mr. Edison, the electrician of Newark, New Jersey, which force seems to have little in common with electricity, or galvanism, except the principle of conductivity. If demonstrated, it may remain for a long time under some pseudonymous scientific name; but nevertheless it will be but one of the numerous family of children brought forth from the commencement of time by our kabalistic mother, the *Astral Virgin*. In fact the discoverer says that, "it is as distinct, and has as regular laws as heat, magnetism, or electricity." The journal which contains the first account of the discovery adds that "Mr. Edison thinks that it exists in connexion with heat, and that it can also be generated by independent and *as yet undiscovered means*."

Another of the most startling of recent discoveries is the possibility of annihilating distance between human voices — by means of the *telephone* (distance-sounder), an instrument invented by Professor A. Graham Bell. This possibility, first suggested by the little "lovers' telegraph," consisting of small tin cups with vellum and drug-twine apparatus, by which a conversation can be carried on at a distance of two hundred feet, has developed into the telephone, which will become the wonder of this age. A long conversation has taken place between Boston and Cambridgeport by telephone wire; "every word being distinctly heard and perfectly understood, and the modulations of voices being quite distinguishable," according to the official report. *The voice is seized upon, so to say, and held in form by a magnet, and the sound-wave transmitted by electricity acting in unison and co-operating with the magnet.* The whole success depends upon a perfect control of

the electric currents and the power of the magnets used, with which the former must co-operate. "The invention," reports the paper, "may be rudely described as a sort of trumpet, over the bell-mouth of which is drawn a delicate membrane which, when the voice is thrown into the tube, swells outward in proportion to the force of the sound-wave. To the outer side of the membrane is attached a piece of metal which, as the membrane swells outward, connects with a magnet, and this, with the electric circuit, is controlled by the operator. By some principle not yet fully understood the electric current transmits the sound-wave just as delivered by the voice in the trumpet, and the listener at the other end of the line, with a twin or facsimile trumpet at his ear, hears every word distinctly, and readily detects the modulations of the speaker's voice."

Thus in the presence of such wonderful discoveries of our age, and the further magical possibilities lying latent and yet undiscovered in the boundless realm of nature, and further in view of the great probability that Edison's Force and Professor Graham Bell's Telephone may unsettle if not utterly upset all our ideas of the imponderable fluids, would it not be well for such persons as may be tempted to traverse our statements to wait and see whether they will be corroborated or refuted by further discoveries?

Only, in connexion with these *discoveries*, we may perhaps as well remind our readers of the many hints to be found in the ancient histories as to a certain secret in the possession of the Egyptian priesthood, who could instantly communicate, during the celebration of the Mysteries, from one temple to another, even though the former were at Thebes and the latter at the other end of the country; the legends attributing it, as a matter of course, to the 'invisible tribes' of the air which carry messages for mortals. The author of *Pre-Adamite Man* quotes an instance, which being given merely on his own authority, and he seemingly uncertain whether the story comes from Macarius or some other writer, may be taken for what it is worth. He found good evidence, he says, during his stay in Egypt, that "one of the Cleopatras [?] sent news by a wire to all the cities from Heliopolis to Elephantine, on the Upper Nile."³⁰⁰

It is not so long since Professor Tyndall ushered us into a new world, peopled with airy shapes of the most ravishing beauty.

"The discovery consists," he says, "in subjecting the vapors of volatile liquids to the action of concentrated sunlight, or to the concentrated beam of the electric light." The vapors of certain nitrites, iodides, and acids are subjected to the action of the light in an *experimental tube*,

300. P. B. Randolph: *Pre-Adamite Man*, p. 48.

lying horizontally and so arranged that the axis of the tube and that of the parallel beams issuing from the lamp are coincident. The vapors form clouds of gorgeous tints, and arrange themselves into the shapes of vases, of bottles and cones, in nests of six or more; of shells, of tulips, roses, sunflowers, leaves, and of involved scrolls. "In one case," he tells us, "the cloud-bud grew rapidly into a serpent's head; a mouth was formed, and from the cloud a cord of cloud resembling a tongue was discharged." Finally, to cap the climax of marvels, "once it positively assumed the form of a fish, with eyes, gills, and feelers. The two-ness of the animal form was displayed throughout, and no *disk, coil, or speck existed on one side that did not exist on the other.*"

These phenomena may possibly be explained in part by the mechanical action of a beam of light, which Mr. Crookes has recently demonstrated. For instance it is a supposable case that the beams of light may have constituted a horizontal axis, about which the disturbed molecules of the vapors gathered into the forms of globes and spindles. But how account for the fish, the serpent's head, the vases, the flowers of different species, the shells? This seems to offer a dilemma to science as baffling as the meteor-cat of M. Babinet. We do not learn that Tyndall ventured an explanation of his extraordinary phenomenon as absurd as that of the Frenchman about his.

Those who have not given attention to the subject may be surprised to find how much was known in former days of that all-pervading, subtle principle which has recently been baptized THE UNIVERSAL ETHER.

Before proceeding, we desire once more to enunciate in two categorical propositions what was hinted at before. These propositions were demonstrated laws with the ancient theurgists.

I. The so-called miracles, beginning with Moses and ending with Cagliostro, when genuine, were as M. de Gasparin very justly insinuates in his work on the phenomena "perfectly in accordance with natural law"; hence — no miracles. Electricity and magnetism were unquestionably used in the production of some of the prodigies; but now, as then, they are put into requisition by every sensitive, who is made to use *unconsciously* these powers by the peculiar nature of his or her organization, which serves as a conductor for some of these imponderable fluids, as yet so imperfectly known to science. This force is the prolific parent of numberless attributes and properties, many or rather most of which are as yet unknown to modern physics.

II. The phenomena of natural magic to be witnessed in Egypt, Siam, India, and other Oriental countries, bear no relationship whatever to sleight-of-hand; the one being an absolute physical effect,

due to the action of occult natural forces, the other a mere deceptive result obtained by dexterous manipulations supplemented by confederacy.³⁰¹

The thaumaturgists of all periods, schools, and countries produced their wonders because they were perfectly familiar with the imponderable — in their effects — but otherwise perfectly tangible waves of the astral light. They controlled the currents by guiding them with their will-power. The wonders were of both physical and psychological character; the former embracing effects produced upon material objects, the latter the mental phenomena of Mesmer and his successors. This class has been represented in our time by two illustrious men, Du Potet and Regazzoni, whose wonderful powers were well attested in France and other countries. Mesmerism is the most important branch of magic; and its phenomena are the effects of the universal agent which underlies all magic and has produced in all ages the so-called miracles.

The ancients called it *Chaos*; Plato and the Pythagoreans named it *the Soul of the World*. According to the Hindûs, the Deity in the shape of Aether pervades all things. It is the invisible, but, as we have said before, too tangible Fluid. Among other names this universal Proteus — or 'the nebulous Almighty,' as M. de Mirville calls it in derision — was termed by the theurgists 'the living fire,'³⁰² the 'Spirit of Light,' and *Magnes*. This last appellation indicates its magnetic properties and shows its magical nature. For, as truly expressed by one of its enemies, μάγος and μάγνης are two branches growing from the same trunk, and shooting forth the same resultants.

Magnetism is a word for the derivation of which we have to look to an incredibly early epoch. The stone called *magnet* is believed by many to owe its name to Magnesia, a city or district in Thessaly, where these stones were found in quantity. We believe, however, the opinion of the Hermetists to be the correct one. The word *Magh*, *magus*, is derived from the Sanskrit *Mahat*, the *great* or *wise* (the anointed by the divine wisdom). "Eumolpus is the *mythic* founder of the Eumolpidae

301. On this point at least we are on firm ground. Mr. Crookes's testimony corroborates our assertions. On pages 84-5 of his *Researches in the Phenomena of Spiritualism* he says: "The many hundreds of facts I am prepared to attest — facts which to imitate by known mechanics or physical means would baffle the skill of a Houdin, a Bosco, or an Anderson, backed with all the resources of elaborate machinery and the practice of years — have all taken place in my own house, at times appointed by myself, and under circumstances which absolutely precluded the employment of the very simplest instrumental aids."

302. In this appellation we may discover the meaning of the puzzling sentence to be found in the Zend *Avesta* that "fire gives knowledge of the future, of science and of amiable speech" as it develops an extraordinary eloquence in some sensitives.

(priests); the priests traced their own wisdom to the Divine Intelligence." ³⁰³ The various cosmogonies show that the Archæal Universal Soul was held by every nation as the 'mind' of the Demiurgic Creator, the *Sophia* of the Gnostics, or *the Holy Spirit as a female principle*. As the Magi derived their name from it, so the Magnesian stone or Magnet was called in their honor, for they were the first to discover its wonderful properties. Their temples dotted the country in all directions, and among these were some temples of Hercules, ³⁰⁴ — hence the stone, when it once became known that the priests used it for their curative and magical purposes, received the name of the Magnesian or Herculean stone. Socrates, speaking of it, remarks: "Euripides calls it the Magnesian stone, but the common people, the Heracleian." ³⁰⁵ It was the country and stone which were called after the Magi, not the Magi after one or the other. Pliny informs us that the wedding-ring among the Romans was magnetized by the priests before the ceremony. The old Pagan historians are careful to keep silent on certain Mysteries of the 'wise' (Magi), and Pausanias was warned in a dream, he says, not to unveil the holy rites of the temple of Demeter and Persephone at Athens. ³⁰⁶

Modern science, after having ineffectually denied *animal magnetism*, has found herself forced to accept it as a fact. It is now a recognised property of human and animal organization; as to its psychological, occult influence, the Academies battle with it in our century more ferociously than ever. This is the more to be regretted and even wondered at, as the representatives of 'exact science' are unable either to explain or even offer us anything like a reasonable hypothesis for the undeniable mysterious potency contained in a simple magnet. We begin to have daily proofs that these potencies underlie the theurgic mysteries, and therefore might perhaps explain the occult faculties possessed by ancient and modern thaumaturgists as well as a good many of their most astounding achievements. Such were the gifts transmitted by Jesus to some of his disciples. At the moment of his

303. Dunlap: *S&D*, 'The Mysteries of Adoni,' p. 111: London, 1861.

304. "Hercules was known as the king of the Musians, says Schwab, II, 44; and Musion was the feast of 'Spirit and Matter,' Adonis and Venus, Bacchus and Ceres." (See Dunlap: *Op. cit.*, p. 95.) Dunlap shows, on the authority of Julian (*Oratio*, iv) and Anthon (67), Aesculapius, 'the Savior of all,' identical with *Ptah* (the creative Intellect, the Divine Wisdom), and with Apollo, Baal, Adonis, and Hercules (*Ibid.*, p. 93), and *Ptah* is the *Anima mundi*, the Universal Soul, of Plato; the Holy Spirit of the Egyptians; and the Astral Light of the Kabalists. M. Michelet, however, regards the Grecian Heracles as a different character, the adversary of the Bacchic revelings and their attendant human sacrifices.

305. Plato: *Ion*, § 5.

306. *Attics*, ch. xiv. (T. Taylor's ed.)

miraculous cures the Nazarene felt a *power* issuing from him. Socrates, in his dialog with Theages,³⁰⁷ telling him of his familiar god (daemon), and his power of either imparting his (Socrates') wisdom to his disciples or preventing it from benefiting those he associates with, brings the following instance in corroboration of his words: "I will tell you, Socrates," says Aristides, "a thing incredible, indeed, by the gods, but true. I made a proficiency when I associated with you, even if I was only in the same house, though not in the same room; but more so, when I *was in the same room* . . . and much more when I *looked at you*. . . . But I made by far the greatest proficiency when I sat near you and *touched you*." ✓

This is the modern magnetism and mesmerism of Du Potet and other masters who, when they have subjected a person to their *fluidic* influence, can impart to him all their thoughts even at a distance, and with an irresistible power force their subject to obey their *mental* orders. But how far better was this psychic force known to the ancient philosophers! We can glean some information on that subject from the earliest sources. Pythagoras taught his disciples that God is the universal *mind* diffused through all things, and that this mind by the sole virtue of its universal sameness could be communicated from one object to another and be made to create all things by the sole will-power of man. With the ancient Greeks, *Kurios* was the god-Mind (*Nous*). "Now Koros [Kurios] signifies the pure and unmixed nature of intellect — wisdom," says Plato.³⁰⁸ *Kurios* is Mercury, the Divine Wisdom, and "Mercury is the Sol" (Sun),³⁰⁹ from whom Thoth-Hermes received this divine wisdom, which, in his turn, he imparted to the world in his books. Hercules is also the Sun — the celestial store-house of the universal magnetism; or rather Hercules is the magnetic light which, when having made its way through the 'opened eye of heaven,' enters into the regions of our planet and thus becomes the Creator. Hercules passes through the twelve labors, the valiant

307. Plato: *Theages*, § 12. Cicero renders this word *δαίμων*, *quiddam divinum*, a divine something, not anything personal.

308. *Cratylus*, § 29. See Arnobius: *Adv. Gentes*, VI, 12.

309. As we shall show in subsequent chapters, the Sun was not considered by the ancients as the direct cause of the light and heat, but only as an agent of the former, through which the light passes on its way to our sphere. Thus it was always called by the Egyptians 'the eye of Osiris,' who was himself the *Logos*, the First-begotten, or light made manifest to the world, "which is the mind and divine intellect of the Concealed." It is only that light of which we are cognisant that is the Demiurge, the *creator* of our planet and everything pertaining to it; with the invisible and unknown universes disseminated through space, none of the Sun-gods had anything to do. The idea is expressed very clearly in the 'Books of Hermes.'

Titan! He is called 'Father of All' and 'self-born' (*autophues*).³¹⁰ Hercules, the Sun, is killed by the Devil, Typhon,³¹¹ and so is Osiris, who is the father and brother of Horus, and at the same time is identical with him; and we must not forget that the magnet was called the 'bone of Horus,' and iron the 'bone of Typhon.' Hercules is called *invictus* only when he descends to Hades (the subterranean garden), and, plucking the 'golden apples' from the 'tree of life,' slays the dragon.³¹² The rough Titanic power, the 'lining' of every sun-god, opposes its force of blind matter to the divine magnetic spirit which tries to harmonize everything in nature.

All the sun-gods, with their symbol the visible sun, are the creators of *physical* nature only. The *spiritual* is the work of the Highest God (the Concealed, the Central, Spiritual SUN) and of his Demiurge—the Divine Mind of Plato, the Divine Wisdom of Hermes Trismegistus,³¹³ the wisdom effused from *Oulom* or *Kronos*.

"After the distribution of pure Fire, in the Samothracian Mysteries, a new life began."³¹⁴ This was the 'new birth' that is alluded to by Jesus in his nocturnal conversation with Nicodemus. "Initiated into the most blessed of all Mysteries, being ourselves pure . . . we become just and holy with wisdom."³¹⁵ "He *breathed* on them and saith unto them, 'Receive ye the Holy *Pneuma*.'"³¹⁶ And this simple act of will-power was sufficient to impart vaticination in its nobler and most perfect form if both the initiator and the initiated were worthy of it. To deride this gift, even in its present aspect, "as the corrupt offspring and lingering remains of an ignorant age of superstition, and hastily to condemn it as unworthy of sober investigation, would be as unphilosophical as it is wrong," remarks the Rev. J. B. Gross. "To remove the veil which hides our vision from the future has been attempted—in all ages of the world; and therefore the propensity to pry into the lap of time, contemplated as one of the faculties of human mind, comes recommended to us under the sanction of God. . . . Zuinglius [Zwingli] the Swiss reformer, attested the comprehensiveness of his faith in the providence of the Supreme Being, in the cosmopolitan doctrine that the Holy Ghost was not entirely excluded from the more worthy portion of the heathen world.

310. 'Orphic Hymn' to Hercules, who is also therein called the 'Father of Time'; and Dunlap: *Sôd, 'Mysteries of Adoni,'* p. 91.

311. Movers: *Die Phönizier*, I, p. 525. Dunlap: *Sôd, 'Mysteries of Adoni,'* p. 92.

312. L. Preller: *Griechische Mythologie*, II, p. 153. This is evidently the origin of the Christian dogma of Christ descending into hell and overcoming Satan.

313. This important fact accounts admirably for the gross polytheism of the masses, and the refined, highly philosophical conception of *one* God, which was taught only in sanctuaries of the 'pagan' temples.

314. C. Anthon: *Dict. Gk. and Rom. Antiq.*, s. v. 'Cabeiria.'

315. Plato: *Phædrus*, § 64.

316. *John*, **xx**, 22.

Admitting its truth, we cannot easily conceive a valid reason why a heathen, thus favored, should not be capable of true prophecy."³¹⁷

Now what is this mystic, primordial substance? In the book of *Genesis*, at the beginning of the first chapter, it is termed the "face of the waters," said to have been incubated by the 'Spirit of God.' Job mentions, in chap. xxvi, 5, that "dead things are formed from under the waters, and the inhabitants thereof." In the original text, instead of "dead things," it is written dead *Rephaim* (giants, or mighty primitive men), from whom 'Evolution' may one day trace our present race. In the Egyptian mythology *Emepht*, the Eternal *unrevealed* God, is represented by a snake-emblem of eternity encircling a water-urn, with his head hovering over the waters, which it incubates with his breath. In this case the serpent is the *Agathodaimon*, the good spirit; in its opposite aspect it is the *Kakodaimon* — the bad one. In the Scandinavian *Eddas* the honey-dew — the food of the gods and of the creative, busy *Yggdrasil* (bees) — falls during the hours of night, when the atmosphere is impregnated with humidity; and in the Northern mythologies, as the passive principle of creation, it typifies the creation of the universe *out of water*; this dew is the astral light in one of its combinations, and possesses creative as well as destructive properties. In the Chaldaean legend of Berosus, Oannes or Dagon, the man-fish, instructing the people, shows the infant world created out of *water*, and all beings originating from this *prima materia*. Moses teaches that only earth and *water* can bring forth a living soul; and we read in the Scriptures that herbs could not grow until the Eternal caused it to *rain* upon earth. In the Quiché *Popol Vuh*³¹⁸ man is created out of *mud* or clay (*terre glaise*), taken from under the water. From Brahma arises *Īśvara*, the great *Muni* (or first man) seated on his lotus, only after having called into being *spirits*, who thus enjoyed among mortals a priority of existence, and he creates him out of *water, air, and earth*. Alchemists claim that primordial or pre-Adamic earth, when reduced to its first substance is in its *second* stage of transformation like clear water, the first being the *alkahest*³¹⁹ proper. This primordial substance is said to contain within itself the essence of all that goes to make up man; it has not only all the elements of his physical being, but even the 'breath of life' itself in a latent state, ready to be awakened. This is derived from the 'incubation' of the Spirit of God upon the face of the waters — *CHAOS*; in fact this substance is chaos itself. From this it was that Paracelsus claimed to be able to make his

317. Rev. J. B. Gross: *The Heathen Religion*, p. 104.

318. I, ii, p. 19.

319. *Alkahest*, a word first used by Paracelsus, to denote the menstruum or universal solvent, that is capable of reducing all things.

homunculi; and this is why Thales, the great natural philosopher, maintained that *water* was the principle of all things in nature.

What is the primordial Chaos but Aether? The *modern* Ether; not such as is recognised by our scientists, but such as it *was* known to the ancient philosophers long before the time of Moses; Ether, with all its mysterious and occult properties, containing in itself the germs of universal creation; Aether, the celestial virgin, the spiritual mother of every existing form and being, from whose bosom, as soon as 'incubated' by the Divine Spirit, are called into existence Matter and Life, Force and Action. Electricity, magnetism, heat, light, and chemical action are so little understood even now that fresh facts are constantly widening the range of our knowledge. Who knows where ends the power of this protean giant — Aether; or whence its mysterious origin? — who, we mean, that denies the spirit that works in it and evolves out of it all visible forms?

It is an easy task to show that the cosmogonical legends all over the world are based on a knowledge by the ancients of those sciences which have allied themselves in our days to support the doctrine of evolution; and that further research may demonstrate that they were far better acquainted with the fact of evolution itself, embracing both its physical and spiritual aspects, than we are now. With the old philosophers evolution was a universal theorem, a doctrine embracing the *whole*, and an established principle; while our modern evolutionists are enabled to present us merely with speculative theoretics; with *particular*, if not wholly *negative* theorems. It is idle for the representatives of our modern wisdom to close the debate and pretend that the question is settled, merely because the obscure phraseology of the Mosaic, far later account clashes with the definite exegesis of 'exact science.'

One fact at least is proved: there is not a cosmogonical fragment, to whatever nation it may belong, but proves, by this universal allegory of water and the spirit brooding over it, that no more than our modern physicists did any of these nations hold the universe to have sprung into existence out of nothing; for all their legends begin with that period when nascent vapors and Cimmerian darkness lay brooding over a fluid mass ready to start on its journey of activity at the first flutter of the breath of Him, who is the Unrevealed One. Him they felt, if they saw Him not. Their spiritual intuitions were not so darkened by the subtle sophistry of the forthcoming ages as ours are now. If they talked less of the Silurian age slowly developing into the Mammalian, and if the Cenozoic time was only recorded by various allegories of the primitive man — the Adam of *our* race — it is but a negative proof after all that their 'wise men' and leaders did not know of these successive periods as well as we do now.

In the days of Democritus and Aristotle the cycle had already begun to enter on its downward path of progress. And if these two philosophers could discuss so well the atomic theory and trace the atom to its material or physical *point*, their ancestors may have gone further still and followed its genesis far beyond that limit where Mr. Tyndall and others seem rooted to the spot, not daring to cross the line of the 'Incomprehensible.' The *lost arts* are a sufficient proof that if even their achievements in physiography are now doubted — because of the unsatisfactory writings of their physicists and naturalists — on the other hand their practical knowledge in phytochemistry and mineralogy far exceeded our own. Furthermore, they might have been perfectly acquainted with the physical history of our globe without publishing their knowledge to the ignorant masses in those ages of religious Mysteries.

Therefore it is not only from the Mosaic books that we mean to adduce proof for our further arguments. The ancient Jews got all their knowledge — religious as well as profane — from the nations with which we see them mixed up from the earliest periods. Even the oldest of all sciences, their kabalistic 'secret doctrine,' may be traced in each detail to its primeval source, Upper India, or Turkestan, far before the time of a distinct separation between the Aryan and Semitic nations. The King Solomon so celebrated by posterity for his magical skill, as Josephus the historian says,³²⁰ got his secret learning from India through Hiram, the king of Ophir, and perhaps from Sheba. His ring, commonly known as 'Solomon's seal,' so celebrated in all the popular legends for the potency of its sway over the various kinds of genii and demons, is equally of Hindū origin. Writing on the pretentious and abominable skill of the 'devil-worshippers' of Travancore, the Rev. Samuel Mateer, of the London Missionary Society, claims at the same time to be in possession of a very old manuscript volume, in the Malayalim language, of magical incantations and spells, giving directions for effecting a great variety of results. Of course he adds, that "many of these are *fearful* in their malignity and obscenity," and gives in his work the *fac-simile* of some amulets bearing the magical figures and designs on them. We find among them one with the following legend: "To remove trembling arising from demonia-

every theory is still alive, Philadelphia has undertaken to combat it and has devoted to it a whole volume. The reader to his recent work on the theory of Thomas Young, who according to the basis the undulatory theory of the Philadelphia experimenter. In, describes the astral light in the that to acquire magical power, two

320. Josephus: *Antiquities of the Jews*, VIII, ii, v.

cal possession — write this figure on a plant that has milky juice, and drive a nail through it; the trembling will cease.”³²¹ The figure is the identical Solomon’s *seal*, or double triangle of the kabalists. Did the Hindû get it from the Jewish kabalist, or the latter from India by inheritance from their great king-kabalist, the wise Solomon?³²² But we shall leave this trifling dispute to continue the more interesting question of the astral light and its unknown properties.

Admitting then that this mythical agent is Aether, we shall proceed to see what and how much of it is known to science.

With respect to the various effects of the different solar rays, Robert Hunt, F. R. S., remarks in his *Researches on Light in its Chemical Relations* that:

“Those rays which give the *most* light — the yellow and the orange rays — will not produce change of color in the chloride of silver”; while “those rays which have the *least* illuminating power — the blue and violet — produce the greatest change, and in an exceedingly short time. . . . The yellow glasses obstruct scarcely any light; the blue

321. *The Land of Charity*, p. 210.

322. The claims of certain ‘adepts,’ which do not agree with those of the students of the purely Jewish Kabala, and show that the ‘secret doctrine’ has originated in India, from whence it was brought to Chaldaea, passing subsequently into the hands of the Hebrews, are amply corroborated by the researches of the Christian missionaries. They are negative theorems. It is idle for them to have inadvertently come to our help. Dr. Wisdome to close the debate and [*Dravidian Languages* (pp. 77 [Introd.], 491-5, 492-5, 493-5, 494-5, 495-5, 496-5, 497-5, 498-5, 499-5, 500-5, 501-5, 502-5, 503-5, 504-5, 505-5, 506-5, 507-5, 508-5, 509-5, 510-5, 511-5, 512-5, 513-5, 514-5, 515-5, 516-5, 517-5, 518-5, 519-5, 520-5, 521-5, 522-5, 523-5, 524-5, 525-5, 526-5, 527-5, 528-5, 529-5, 530-5, 531-5, 532-5, 533-5, 534-5, 535-5, 536-5, 537-5, 538-5, 539-5, 540-5, 541-5, 542-5, 543-5, 544-5, 545-5, 546-5, 547-5, 548-5, 549-5, 550-5, 551-5, 552-5, 553-5, 554-5, 555-5, 556-5, 557-5, 558-5, 559-5, 560-5, 561-5, 562-5, 563-5, 564-5, 565-5, 566-5, 567-5, 568-5, 569-5, 570-5, 571-5, 572-5, 573-5, 574-5, 575-5, 576-5, 577-5, 578-5, 579-5, 580-5, 581-5, 582-5, 583-5, 584-5, 585-5, 586-5, 587-5, 588-5, 589-5, 590-5, 591-5, 592-5, 593-5, 594-5, 595-5, 596-5, 597-5, 598-5, 599-5, 600-5, 601-5, 602-5, 603-5, 604-5, 605-5, 606-5, 607-5, 608-5, 609-5, 610-5, 611-5, 612-5, 613-5, 614-5, 615-5, 616-5, 617-5, 618-5, 619-5, 620-5, 621-5, 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1169-5, 1170-5, 1171-5, 1172-5, 1173-5, 1174-5, 1175-5, 1176-5, 1177-5, 1178-5, 1179-5, 1180-5, 1181-5, 1182-5, 1183-5, 1184-5, 1185-5, 1186-5, 1187-5, 1188-5, 1189-5, 1190-5, 1191-5, 1192-5, 1193-5, 1194-5, 1195-5, 1196-5, 1197-5, 1198-5, 1199-5, 1200-5, 1201-5, 1202-5, 1203-5, 1204-5, 1205-5, 1206-5, 1207-5, 1208-5, 1209-5, 1210-5, 1211-5, 1212-5, 1213-5, 1214-5, 1215-5, 1216-5, 1217-5, 1218-5, 1219-5, 1220-5, 1221-5, 1222-5, 1223-5, 1224-5, 1225-5, 1226-5, 1227-5, 1228-5, 1229-5, 1230-5, 1231-5, 1232-5, 1233-5, 1234-5, 1235-5, 1236-5, 1237-5, 1238-5, 1239-5, 1240-5, 1241-5, 1242-5, 1243-5, 1244-5, 1245-5, 1246-5, 1247-5, 1248-5, 1249-5, 1250-5, 1251-5, 1252-5, 1253-5, 1254-5, 1255-5, 1256-5, 1257-5, 1258-5, 1259-5, 1260-5, 1261-5, 1262-5, 1263-5, 1264-5, 1265-5, 1266-5, 1267-5, 1268-5, 1269-5, 1270-5, 1271-5, 1272-5, 1273-5, 1274-5, 1275-5, 1276-5, 1277-5, 1278-5, 1279-5, 1280-5, 1281-5, 1282-5, 1283-5, 1284-5, 1285-5, 1286-5, 1287-5, 1288-5, 1289-5, 1290-5, 1291-5, 1292-5, 1293-5, 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glasses may be so dark as to admit of the permeation of a very small quantity."

And still we see that under the *blue* ray both vegetable and animal life manifest an inordinate development, while under the yellow ray it is proportionately arrested. How is it possible to account for this satisfactorily upon any other hypothesis than that both animal and vegetable life are differently modified electro-magnetic phenomena, as yet unknown in their fundamental principles?

Mr. Hunt finds that the undulatory theory does not account for the results of his experiments. Sir David Brewster, in his *Treatise on Optics* (1831), showing that "the colors of vegetable life arise . . . from a specific attraction which the particles of these bodies exercise over the differently-colored rays of light," and that "it is by the light of the sun that the colored juices of plants are elaborated, that the colors of bodies are changed, etc. . . .", remarks that it is not easy to allow "that such effects can be produced by the mere vibration of an ethereal medium." And he is *forced*, he says, "by this class of facts, to reason as if light was *material*." (?) Professor Josiah P. Cooke of Harvard University says that he "cannot agree . . . with those who regard the wave-theory of light as an established principle of science."³²³ Herschel's doctrine, that the intensity of light, in effect of each undulation, "is inversely as the square of the distance from the luminous body," if correct, damages a good deal if it does not kill the undulatory theory. That he is right was proved repeatedly by experiments with photometers; and, though it begins to be much doubted, the undulatory theory is still alive.

As General Pleasanton of Philadelphia has undertaken to combat this anti-Pythagorean hypothesis, and has devoted to it a whole volume, we cannot do any better than refer the reader to his recent work on the *Blue Ray*, etc.³²⁴ We leave the theory of Thomas Young, who according to Tyndall "placed on an immovable basis the undulatory theory of light," to hold its own if it can with the Philadelphia experimenter.

Éliphas Lévi, the modern magician, describes the astral light in the following sentence: "We have said that to acquire magical power, two things are necessary: to disengage the will from all servitude, and to exercise it in control. ✓

"The sovereign will is represented in our symbols by the woman who crushes the serpent's head, and by the resplendent angel who represses the dragon, and holds him under his foot and spear; the great magical agent, the dual current of light, the living and astral *fire* of the earth, has been represented in the ancient theogonies by the serpent with the head

323. J. P. Cooke: *The New Chemistry*, p. 22: New York, 1874.

324. *The Influence of the Blue Ray*, etc.: Phila., 1877.

of a bull, a ram, or a dog. It is the double serpent of the *caduceus*, it is the Old Serpent of the *Genesis*, but it is also the *brazen serpent* of *Moses* entwined around the *tau*, that is to say, the generative *lingam*. It is also the goat of the witch-sabbath, and the Baphomet of the Templars; it is the *Hyle* of the Gnostics; it is the double tail of the serpent which forms the legs of the solar cock of *Abrazas*; finally, it is the Devil of M. Eudes de Mirville. But in very fact it is the blind force which souls have to conquer to liberate themselves from the bonds of the earth; for if their will does not free them from this *fatal attraction*, they will be absorbed in the current by the force which has produced them, and *will return to the central and eternal fire*."

This last kabalistic figure of speech, notwithstanding its strange phraseology, is precisely the one used by Jesus; and in his mind it could have had no other significance than the one attributed to it by the Gnostics and the Kabalists. Later the Christian theologians interpreted it differently, and with them it became the doctrine of Hell. Literally, though, it simply means what it says — the astral light, or the generator and destroyer of all forms.

"All the magical operations," continues Lévi, "consist in freeing oneself from the coils of the Ancient Serpent; then in placing the foot on its head, and leading it according to the operator's will. 'I will give unto thee,' says the Serpent (Satan), in the Gospel myth, 'all the kingdoms of the earth, if thou wilt fall down and worship me.' The initiate should reply to him, 'I will not fall down, but thou shalt crouch at my feet; thou wilt give me nothing, but I will make use of thee and take whatever I wish. For *I am thy Lord and Master!*' This is the real meaning of the ambiguous response made by Jesus to the tempter. . . . Thus, the Devil is not an Entity. It is an errant force, as the name signifies. An *odic or magnetic current* formed by a chain (a circle) of pernicious wills must create this evil spirit which the Gospel calls *legion*, and which forced into the sea a herd of swine — another evangelical allegory showing how base natures can be driven headlong by the blind forces set in motion by error and sin." ³²⁶

In his extensive work *Die mysteriösen Erscheinungen der menschlichen Natur*, the German naturalist and philosopher Maximilian Perty has devoted a whole chapter to the *Modern forms of Magic*. "The manifestations of magical life," he says in the Preface, "partially repose on quite another order of things than the nature in which we are acquainted with time, space, and causality; these manifestations can be experimented with but little; they cannot be called out at our bidding,

but may be observed and carefully followed whenever they occur in our presence; we can only group them by analogy under certain divisions, and deduce from them general principles and laws." Thus, for Professor Perty, who evidently belongs to the school of Schopenhauer, the possibility and *naturalness* of the phenomena which took place in the presence of Kavindasami the fakir, and are described by Louis Jacolliot, the Orientalist,³²⁶ are fully demonstrated on that principle. The fakir was a man who, through the entire subjugation of the matter of his corporeal system, had attained to that state of purification at which the spirit becomes nearly freed from its prison³²⁷ and can produce wonders. His *will*, nay, a simple desire of his, has become creative force, and he can command the elements and powers of nature. His body is no more an impediment to him; hence he can converse "spirit to spirit, breath to breath." Under his extended palms a seed, unknown to him (for Jacolliot has chosen it at random among a variety of seeds, from a bag, and planted it himself, after *marking* it, in a flower-pot), will germinate instantly, and push its way through the soil.³²⁸ Developing in less than two hours' time to a size and height which perhaps, under ordinary circumstances, would require several days or weeks, it grows miraculously under the very eyes of the perplexed experimenter, and mockingly upsets every accepted formula in Botany. Is this a miracle? By no means; it may be one, perhaps, if we take Webster's definition, that a miracle is "every event contrary to the *established* constitution and course of things — a deviation from the *known* laws of nature." But are our naturalists prepared to support the claim that what they have once *established* on observation is infallible? or that *every* law of nature is known to them? In this instance the 'miracle' is but a little *more* prominent than the now well-known experiments of General Pleasanton of Philadelphia. While the vegetation and fruitage of his vines were stimulated to an incredible activity by the artificial violet light, the magnetic fluid emanating from the hands of the fakir effected still more intense and rapid changes in the vital function of the Indian plants. It attracted and concentrated the *ākāśa*, or life-principle, on the germ.³²⁹ His magnetism, obeying his will,

326. *Le spiritisme dans le monde*, p. 279, sq.

327. Plato hints at a ceremony used in the Mysteries, during the performance of which the neophyte was taught that men are in *this life* in a kind of prison, and taught *how to escape from it temporarily*. As usual, the too-learned translators disfigured this passage, partially because they *could not* understand it, and partially because they *would not*. See *Phaedo* § 16, and commentaries on it by Henry More, the well-known Mystic philosopher and Platonist.

328. *Le spiritisme dans le monde*, p. 311.

329. The *ākāśa* is a Sanskrit word which means sky, but it also designates the impalpable and intangible life-principle — the astral and celestial lights combined, and which two form the *anima mundi*, and constitute the soul and spirit of man; the celestial light forming his *poûs*, πνεῦμα, or divine spirit, and the other his *ψυχή*, soul or

drew up the *ākāśa* in a concentrated current through the plant towards his hands, and by keeping up an unintermitted flow for the requisite space of time, the life-principle of the plant built up cell after cell, layer after layer, with preternatural activity until the work was done. The life-principle is but a blind force obeying a controlling influence. In the ordinary course of nature the plant-protoplasm would have concentrated and directed it at a certain established rate. This rate would have been controlled by the prevalent atmospheric conditions; its growth being rapid or slow, and, in stalk or head, in proportion to the amount of light, heat, and moisture of the season. But the fakir, coming to the help of nature with his powerful will and spirit purified from the contact with matter,³³⁰ condenses, so to speak, the essence of plant-life into its germ, and forces it to maturity ahead of its time. This blind force being totally submissive to his will, obeys it with servility. If he chose to *imagine* the plant as a monster, it would as surely become such, as ordinarily it would grow in its natural shape; for the concrete image — slave to the subjective model outlined in the imagination of the fakir — is forced to follow the original in its least detail, as the hand and brush of the painter follow the image which they copy from his mind. The will of the fakir-conjurer forms an invisible but yet, to it, perfectly objective matrix, in which the vegetable matter is caused to deposit itself and assume the fixed shape. The will creates; for the will in motion is *force*, and force produces *matter*.

If some persons object to the explanation on the ground that the fakir could by no means create the model in his imagination, since he

astral spirit. The grosser particles of the latter enter into the fabrication of his outward form — the body. *Ākāśa* is the mysterious fluid termed by scholastic science "the all-pervading ether"; it enters into all the magical operations of nature, and produces mesmeric, magnetic, and spiritual phenomena. *As*, in Syria, Palestine, and India, meant the sky, *life*, and the *sun* at the same time; the sun being considered by the ancient sages as the great magnetic well of our universe. The softened pronunciation of this word was *Ah* — says Dunlap (*Spirit-Hist. Man*, p. 72), for "the *s* continually softens to *h* from Greece to Calcutta." *Ah* is *lah*, *ao*, and *lao*. God tells Moses that his name is 'I am' (*Ahiah*), a reduplication of *ah* or *lah*. The word '*As*,' *Ah*, or *lah* means *life*, *existence*, and is evidently the root of the word *ākāśa*, which in Hindūstān is pronounced *ākāśa*, the life-principle, or Divine life-giving fluid or medium. It is the Hebrew *rua'h*, and means the 'wind,' the breath, *the air in motion*, or 'moving spirit,' according to Parkhurst's *Hebrew Lexicon*; and is identical with the spirit of God *moving* on the face of the waters.

330. Bear in mind that Kavindasami made Jacolliot swear that he would neither approach nor touch him during the time he was entranced. The least contact with *matter* would have paralysed the action of the freed spirit, which, if we are permitted to use such an unpoetical comparison, would re-enter its dwelling like a frightened snail, drawing in its horns at the approach of any foreign substance. In some cases such a brusque interruption and oozing back of the spirit (sometimes it may suddenly and altogether break the delicate thread connecting it with the body) kills the entranced *subject*. See the several works of Du Potet and Puységur on this question.

was kept ignorant by Jaccoliot of the kind of seed he had selected for the experiment — to these we may answer that the spirit of man is like that of his Creator, omniscient in its essence. While in his natural state the fakir did *not*, and *could not* know whether it was a melon-seed, or seed of any other plant; once entranced—i. e., bodily dead to all outward appearance — the spirit, for which there exist neither distance, material obstacle, nor term of time, experienced no difficulty in perceiving the melon-seed, whether as it lay deeply buried in the mud of the flower-pot, or reflected in the faithful picture-gallery of Jaccoliot's brain. Our visions, portents, and other psychological phenomena, all of which exist in nature, are corroborative of the above fact. ✓

And now, perhaps, we might as well meet at once another impending objection. Indian *jugglers*, they will tell us, do the same, and as well as the fakir, if we can believe newspapers and travelers' narratives. Undoubtedly so; and moreover these strolling jugglers are neither pure in their modes of living nor considered holy by any one; neither by foreigners nor their own people. *They are generally FEARED and despised by the natives*, for they are *sorcerers*, men practising the *black art*. While such a holy man as Kavindasami requires but the help of his own divine soul, closely united with the astral spirit, and the help of a few familiar *pitris* — pure, ethereal beings, who rally around their elect brother in flesh — the sorcerer can summon to his help but that class of spirits which we know as the elementals. Like attracts like; and greed for money, impure purposes, and selfish views cannot attract any other spirits than those that the Hebrew kabalists know as the *klippoth*, dwellers of *Asiah*, the fourth world, and the Eastern magicians as the *afrits*, or elementary spirits of error, or the *devs*.

This is how an English paper describes the astounding *trick* of plant-growth, as performed by Indian *jugglers*:

"An empty flower-pot was now placed upon the floor by the juggler, who requested that his comrades might be allowed to bring up some garden mould from the little plot of ground below. Permission being accorded, the man went, and in two minutes returned with a small quantity of fresh earth tied up in a corner of his chudder, which was deposited in the flower-pot and lightly pressed down. Taking from his basket a dry mango-stone, and handing it round to the company that they might examine it, and satisfy themselves that it was really what it seemed to be, the juggler scooped out a little earth from the center of the flower-pot and placed the stone in the cavity. He then turned the earth lightly over it, and, having poured a little water over the surface, shut the flower-pot out of view by means of a sheet thrown over a small triangle. And now amid a full chorus of voices and rat-tat-tat accompaniment of the tabor,

the stone germinated; presently a section of the cloth was drawn aside, and gave to view the tender shoot, characterized by two long leaves of a blackish-brown color. The cloth was readjusted, and the incantation resumed. It was not long, however, before the cloth was a second time drawn aside, and it was then seen that the two first leaves had given place to several green ones, and that the plant now stood nine or ten inches high. A third time, and the foliage was much thicker, the sapling being about thirteen to fourteen inches in height. A fourth time, and the little miniature tree, now about eighteen inches in height, had ten or twelve mangoes about the size of walnuts hanging about its branches. Finally, after the lapse of three or four minutes, the cloth was altogether removed, and the fruit, having the perfection of size, though not of maturity, was plucked and handed to the spectators, and, on being tasted, was found to be approaching ripeness, being sweetly acid."

We may add to this that we have witnessed the same experiment in India and Tibet, and that more than once we provided the flower-pot ourselves, by emptying an old tin box of some Liebig extracts. We filled it with earth with our own hands, and planted in it a small root handed to us by the conjurer, and until the experiment was ended never once removed our eyes from the pot, which was placed *in our own room*. The result was invariably the same as above described. Does the reader imagine that any prestidigitator could produce the same manifestation under the same conditions?

The learned Orioli, Corresponding Member of the Institute of France, gives a number of instances which show the marvelous effects produced by the will-power acting upon the invisible Proteus of the mesmerists. "Viero declares," he writes, "that he has seen certain persons, who simply by pronouncing certain words, arrest wild bulls and horses at headlong speed, and suspend in its flight the arrow which cleaves the air." Tommaso Bartholino adduces other evidences.³³¹

Says Du Potet: "When I trace upon the floor with chalk or charcoal this figure, a *fire*, a *light* fixes itself on it. . . . Soon it attracts to itself the person who approaches it; it detains and fascinates him, and it is useless for him to try to cross the line. . . . A *magic* power compels him to stand still. . . . At the end of a few moments he yields, uttering sobs. . . . *The cause is not in me*, it is in this entirely kabalistic sign; in vain would you employ violence."³³²

During a series of remarkable experiments made by Regazzoni in the presence of certain well-known French physicians in Paris, they as-

331. Orioli: *Fatti relativi al Mesmerismo*: Corfù, 1842.

332. *La magie dévoilée*, p. 193: Paris, 1875. The cause lay in his mesmeric power, not in the sign. (W. Q. Judge: 'Mesmerism,' in *Theosophy*, XII, p. 9.)

sembled on the night of the 18th of May, 1856, and Regazzoni, with his finger, traced upon the floor an imaginary kabalistic line over which he made a few rapid passes. It was agreed that the mesmeric subject, selected by the investigators and the committee for the experiments, and a stranger to him, should be brought blindfold into the room, and caused to walk toward the line, without a word being spoken to indicate what was expected of her. The subject moved along unsuspectingly till she came to the invisible barrier, when, as it is described, "her feet, as if they had been suddenly seized and riveted, adhere to the ground, while her body, carried forward by the rapid impulse of the motion, falls and strikes the floor. The sudden rigidity of her limbs is like that of a frozen corpse, and her heels are rooted with mathematical precision upon the fatal line!" ³³³

In another experiment it was agreed that upon one of the physicians giving a certain signal by a glance of the eye, the blindfolded girl should be made to fall on the ground, as if struck by lightning, by the magnetic fluid emitted by Regazzoni's will. She was placed at a distance from the magnetizer; the signal was given, and instantly the subject was felled to the earth, without a word being spoken or a gesture made. Involuntarily one of the spectators stretched out his hand as if to catch her; but Regazzoni, in a voice of thunder, exclaimed, "Do not touch her! Let her fall; a magnetized subject is never hurt by falling." Des Mousseaux, who tells the story, says that "marble is not more rigid than was her body; her head did not touch the ground; one of her arms remained stretched in the air; one of her legs was raised and the other horizontal. She remained in this unnatural posture an indefinite time. Less rigid is a statue of bronze." ³³⁴

All the effects witnessed in the experiments of public lecturers upon mesmerism, were produced by Regazzoni in perfection, and without one spoken word to indicate what the subject was to do. Even by his silent will he produced the most surprising effects upon the physical systems of persons totally unknown to him. Directions whispered by the committee in Regazzoni's ear were immediately obeyed by the subjects, whose ears were stuffed with cotton, and whose eyes were bandaged. Nay, in some cases it was not even necessary for them to express to the magnetizer what they desired, for their mental requests were obeyed with perfect fidelity.

Experiments of a similar character were made by Regazzoni in England, at a distance of three hundred paces from the subject brought to him. The *jettatura*, or evil eye, is nothing but the direction of this invisible fluid, charged with malicious will and hatred, from one person to

333. *La magie au XIX^{me} siècle*, p. 238.

334. *Ibid.*, p. 237.

another, and sent out with the intention of harming him. It may equally be employed for a good or evil purpose. *In the former case it is magic; in the latter, sorcery.*

What is the WILL? Can 'exact science' tell? What is the nature of that intelligent, intangible, and powerful something which reigns supreme over all inert matter? The great Universal Idea willed, and the cosmos sprang into existence. I *will*, and my limbs obey. I *will*, and my thought traversing space, which does not exist for it, envelops the body of another individual who is not a part of myself, penetrates through his pores, and, superseding his own faculties, if they are weaker, forces him to a predetermined action. It acts like the fluid of a galvanic battery on the limbs of a corpse. The mysterious effects of attraction and repulsion are the *unconscious* agents of that will; fascination, such as we see exercised by some animals, by serpents over birds, for instance, is a *conscious* action of it, and the result of thought. Sealing-wax, glass, and amber, when rubbed, *i. e.*, when the latent heat which exists in every substance is awakened, attract light bodies; they exercise, unconsciously, *will*; for inorganic as well as organic matter possesses a particle of the *divine* essence in itself, however infinitesimally small it may be. And how could it be otherwise? Notwithstanding that in the progress of its evolution it may from beginning to end have passed through millions of various forms, it must ever retain its germ-point of that *pre-existent matter*, which is the first manifestation and emanation of the Deity itself. What is then this inexplicable power of attraction but an atomic portion of that essence that scientists and kabalists equally recognise as the 'principle of life' — the *ākāśa*? Granted that the attraction exercised by such bodies may be blind; but as we ascend higher in the scale of the organic beings in nature, we find this principle of life developing attributes and faculties which become more determined and marked with every rung of the endless ladder. Man, the most perfect of organized beings on earth, in whom matter and spirit — *i. e.*, *will* — are the most developed and powerful, is alone allowed to give a conscious impulse to that principle which emanates from him; and only he can impart to the magnetic fluid opposite and various impulses without limit as to the direction. "He wills," says Du Potet, "and *organized* matter obeys. It has *no poles*."

Dr. Briere de Boismont, in his volume on *Hallucinations*, reviews a wonderful variety of visions, apparitions, and ecstasies, generally termed hallucinations. "We cannot deny," he says, "that in certain diseases we see developed a great surexcitation of sensibility, which lends to the senses a prodigious acuteness of perception. Thus some individuals will perceive at considerable distances, others will announce the approach

of persons who are really on their way, although those present can neither hear nor see them coming." 335

A lucid patient, lying in his bed, announces the arrival of persons to see whom he must possess *transmural vision*, and this faculty is termed by Brierre de Boismont — *hallucination*. In our ignorance we have hitherto innocently supposed that in order to be rightly termed a *hallucination*, a vision must be subjective. It must have an existence only in the delirious brain of the patient. But if the latter announces the visit of a person miles away, and this person arrives at the very moment predicted by the *seer*, then his vision was no more subjective, but on the contrary perfectly *objective*, for he saw that person in the act of coming. And how could the patient see, through solid bodies and space, an object shut out from the reach of our mortal sight, if he had not exercised his *spiritual* eyes on that occasion? Coincidence?

Cabanis speaks of certain nervous disorders in which the patients easily distinguished with the naked eye infusoria and other microscopical beings which others could only perceive through powerful lenses. "I have met subjects," he says, "who saw in Cimmerian darkness as well as in a lighted room; . . ." others "who followed persons, tracing them out like dogs, and recognising by the smell objects belonging to such persons or even such as had been only touched by them, with a sagacity which was hitherto observed only in animals." 336

Exactly; because reason, which, as Cabanis says, develops only at the expense and loss of natural instinct, is a Chinese wall slowly rising on the soil of sophistry, and which finally shuts out man's spiritual perceptions, of which instinct is one of the most important examples. Arrived at certain stages of physical prostration, when mind and the reasoning faculties seem paralysed through weakness and bodily exhaustion, instinct — the spiritual *unity* of the five senses — sees, hears, feels, tastes, and smells, unhindered by either time or space. What do we know of the exact limits of mental action? How can a physician take upon himself to distinguish the imaginary from the real senses, in a man who may be living a spiritual life, in a body so exhausted of its usual vitality that it actually is unable to prevent the soul from *oozing* out from its prison?

The divine light through which, unimpeded by matter, the soul perceives things past, present, and to come, as though their rays were focused on a mirror; the death-dealing bolt projected in an instant of fierce anger or at the climax of long-festered hate; the blessing wafted

335. Brierre de Boismont: *Hallucinations*, p. 275: Phila., 1853 (p. 301 in French ed., 1845). See also Fairfield: *Ten Years with Spiritual Mediums*, p. 128, sq.

336. P. J. G. Cabanis, seventh memoir: *De l'influence des maladies sur la formation des idées*, etc. A respected New York legislator has this faculty.

from a grateful or benevolent heart; and the curse hurled at an object — offender or victim — all have to pass through that universal agent, which under one impulse is the breath of God, and under another, the venom of the devil. It was *discovered* (?) by Baron Reichenbach and called on, whether intentionally or otherwise we cannot say, but it is singular that a name should have been chosen which is mentioned in the most ancient books of the Kabala.

Our readers will certainly inquire, What then is this invisible *all*? How is it that our scientific methods, however perfected, have never discovered any of the magical properties contained in it? To this we can answer that because modern scientists are ignorant of them is no reason why it should not possess all the properties with which the ancient philosophers endowed it. Science rejects many a thing today which she may find herself forced to accept tomorrow. A little less than a century ago the Academy denied Franklin's electricity, and at the present day we can hardly find a house without a conductor on its roof. Shooting at the barn-door, the Academy missed the barn itself. Modern scientists, by their wilful skepticism and learned ignorance, do this very frequently.

Emepht,³³⁷ the supreme, first principle, produced an egg; by brooding over which, and permeating the substance of it with its own vivifying essence, the germ contained within was developed; and *Ptah*, the active creative principle proceeded from it, and began his work. From the boundless expanse of cosmic matter, which had formed itself under his breath, or *will*, this cosmic matter — astral light, aether, fire-mist, principle of life, it matters not how we may call it — this creative principle, or, as our modern philosophy terms it, law of evolution, by setting in motion the potencies latent in it, formed suns and stars, and satellites; controlled their emplacement by the immutable law of harmony, and peopled them "with every form and quality of life." In the ancient Western mythologies, the cosmogonic myth states that there was but water (the father) and the prolific slime (the mother, *Ilus* or *Hyle*), from which crept forth the mundane snake — *matter*. It was the god *Phanes*,³³⁸ the revealed one, the Word, or *logos*. How willingly this myth was accepted, even by the Christians who compiled the New Testament, may be easily inferred from the following fact: Phanes, the revealed god, is represented in this snake-symbol as a *protogonos*, a being furnished with the heads of a *man*, a hawk or an eagle, a bull — *taurus* — and a lion, with

337. *Emepht* . . . *cujus imaginem faciunt colore caeruleo*, etc.— Porphyry (cf. Euseb.: *Praep. ev.*, III). Cf. Iambli.: *De myst.*, § viii, ch. 2, 3; some think 'Εμψφ was a mistake for Κνφ, Kneph, or Khnemu; but see *The Secret Doctrine*, I, p. 367.

338. One of the Orphic triad — Chaos, Chronos, Phanes. Cf. Cory: *Anct. Frag.* (ed. 1832) pp. 295-311; Thos. Taylor: *Myst. Hymns of Orpheus*, pp. 41-2: London, 1896; Proclus: *On the Timaeus*; etc., etc.

wings on both sides. The heads relate to the zodiac, and typify the four seasons of the year, for the *mundane* serpent is the *mundane* year, while the serpent itself is the symbol of *Emepht*, the hidden or *unrevealed* deity — God the Father. Time is winged, therefore the serpent is represented with wings. If we remember that each of the four evangelists is represented as having near him one of the described animals — grouped together in Solomon's triangle in the pentacle of Ezekiel, and to be found in the four cherubs or sphinxes of the sacred arch — we shall perhaps understand the secret meaning, as well as the reason why the early Christians adopted this symbol; and how it is that the present Roman Catholics and the Greeks of the Oriental Church still represent these animals in the pictures of their evangelists which sometimes accompany the four *Gospels*. We shall also understand why Irenaeus, Bishop of Lyons, so insisted upon the necessity of the *fourth* gospel; giving as a reason that there could not be less than four of them, as there were *four* zones in the world, and four principal winds coming from the four cardinal points, etc.³³⁹

According to one of the Egyptian myths, the phantom-form of the isle of Chemmis (*Chemi*, ancient Egypt), which floats on the ethereal waves of the empyrean sphere, was called into being by Horus-Apollo, the sun-god, who caused it to evolve out of the mundane egg.

In the cosmogonical poem of the *Völuspá* (the song of the prophetess), which contains the Scandinavian legends of the very dawn of time, the phantom-germ of the universe is represented as lying in the *Ginnungagap* — or the cup of illusion, a boundless and void abyss. In this world's matrix, formerly a region of night and desolation, *Nifheim* (the Mist-place) dropped a ray of cold light (aether), which overflowed this cup and froze in it. Then the Invisible blew a scorching wind which dissolved the frozen waters and cleared the mist. These waters, called the streams of *Elivágar*, distilled in vivifying drops which, falling down, created the Earth and the giant *Ymir*, who only had "the semblance of man" (male principle). With him was created the cow, *Audhumla*³⁴⁰ (female principle), from whose udder flowed *four* streams of milk,³⁴¹ which diffused themselves throughout space (the astral light in its purest emanation). The cow *Audhumla* produces a *superior* being, called *Bör*, handsome and powerful, by licking the stones that were covered with *mineral salt*.

Now if we take into consideration that this mineral was universally

339. Irenaeus: *Against Heresies*, III, xi, § 8.

340. The cow is the symbol of prolific generation and of intellectual nature. She was sacred to Isis in Egypt; to *Krishna* in India, and to an infinity of other gods and goddesses personifying the various productive powers of nature. The cow was held, in short, as the impersonation of the Great Mother of all beings, both of the mortals and of the gods, of physical and spiritual generation of things.

341. In *Genesis*, ii, 10, the river of Eden was parted, "and became into *four* heads."

regarded by ancient philosophers as one of the chief formative principles in organic creation; by the alchemists as the universal menstruum, which, they said, was to be wrought from water; and is now regarded by science, as well as in the popular ideas, to be an indispensable ingredient in the food of man and beast — we may readily comprehend the hidden wisdom of this allegory of the creation of man. Paracelsus calls salt “the center of water, wherein metals ought to die,” etc.,³⁴² and Van Helmont terms the *Alkahest*, “*summum et felicissimum omnium salium*,” the most successful of all salts.³⁴³

In the *Gospel according to Matthew* Jesus says: “Ye are the *salt of the earth*: but if the salt have lost its savor, wherewith shall it be salted?” and following the parable he adds: “Ye are *the light of the world*” (v. 14). This is more than an allegory; these words point to a direct and unequivocal teaching in relation to the spiritual and physical organisms of man in his dual nature, and show, moreover, a knowledge of the ‘secret doctrine,’ the direct traces of which we find equally in the oldest ancient and current popular traditions, in both the Old and New Testaments, and in the writings of the ancient and medieval mystics and philosophers.

But to return to our *Edda*-legend. *Ymir* the giant falls asleep, and sweats profusely. This perspiration causes the pit of his left arm to generate out of that place a man and a woman, while his foot produces a son for them. Thus, while the mythic ‘cow’ gives being to a race of superior spiritual men, the giant *Ymir* begets a race of evil and depraved men, the *Hrimthursar*, or frost-giants. Comparing notes with the Hindû *Vedas*, we find in them, with slight modifications, the same cosmogonic legend in substance and details. Brahmâ, as soon as Bhagavat, the Supreme God, endows him with creative powers, produces animated beings, wholly spiritual at first. The *Devatâs*, inhabitants of the *Svarga* (the celestial) region, are unfit to live on earth, therefore Brahmâ creates the *Dâityas* (giants, who become the dwellers of the *Pâtâla*, the lower regions of space), who are also unfit to inhabit *Mrityu-loka* (the earth). To palliate the evil, the creative power evolves *from his mouth* the first Brâhmana, who thus becomes the progenitor of our race; from his right arm Brahmâ creates Raettris, the warrior, and from his left Shaterany, the wife of Raettris. Then their son Bais springs from the right foot of the creator, and his wife Basany from the left. While in the Scandinavian legend *Bör* (the son of the cow *Audhumla*), a *superior* being, marries *Besla*, a daughter of the depraved race of giants; in the Hindû tradition the first Brâhmana marries *Daileyî*, also a daughter of the race of the giants; and in *Genesis* we see the sons of God taking for wives the

342. *Paracelsi op. omn.* (‘economy of minerals,’ etc.): Geneva, 1658.

343. *Ortus medicinae — potestas medicaminum*, § 24: Amsterodami, 1652.

daughters of men, and likewise producing mighty men of old; the whole series of legends establishing an unquestionable identity of origin between the Christian inspired Book, and the heathen 'fables' of Scandinavia and Hindûstân. The traditions of nearly every other nation, if examined, will yield a like result.

What modern cosmogonist could compress within so simple a symbol as the Egyptian serpent in a circle such a world of meaning? Here we have, in this creature, the whole philosophy of the universe: matter vivified by spirit, and the two conjointly evolving out of chaos (Force) everything that was to be. To signify that the elements are fast bound in this cosmic matter, which the serpent symbolizes, the Egyptians tied its tail *into a knot*.

There is one more important emblem connected with the sloughing of the serpent's skin, which, so far as we are aware, has never been heretofore noticed by our symbolists. As the reptile upon casting his coat becomes freed from a casing of gross matter which cramped a body grown too large for it, and resumes its existence with renewed activity, so *man, by casting off the gross material body, enters upon the next stage of his existence with enlarged powers and quickened vitality*. Inversely, the Chaldaean Kabalists tell us that primeval man, who contrary to the Darwinian theory was purer, wiser, and far more spiritual, as shown by the myths of the Scandinavian Bør, the Hindû *Devatâs*, and the Mosaic 'sons of God' — in short, of a far higher nature than the man of the present Adamic race — became *despiritualized* or tainted with matter, and then, for the first time, was given the *fleshly body*, which is typified in *Genesis* in that profoundly significant verse: "Unto Adam also and to his wife did the Lord God *make coats of skin*, and clothed them."³⁴⁴ Unless the commentators would make of the First Cause a *celestial tailor*, what else can the apparently absurd words mean, but that the spiritual man had reached, through the progress of involution, that point where matter, predominating over and conquering spirit, had transformed him into the physical man, or the second Adam, of the second chapter of *Genesis*?

This kabalistical doctrine is much more elaborated in the *Book of Jasher*.³⁴⁵ In chapter vii these garments of skin are taken by Noah into the ark, he having obtained them by inheritance from Methuselah and Enoch, who had them from Adam and his wife. Ham steals them from

344. *Genesis*, iii, 21.

345. This is claimed to be one of the missing books of the sacred Canon of the Jews, and is referred to in *Joshua*, x, 13, and *2 Samuel*, i, 18, *sq.* It was discovered by Sidrus, an officer of Titus, during the sack of Jerusalem, and published in Venice in the 17th century, as alleged in its preface by the Consistory of Rabbins, but the American edition, as well as the English, is reputed by the modern Rabbis to be a forgery of the 12th century.

his father Noah; gives them 'in secret' to Cush, who conceals them from his sons and brothers, and passes them to Nimrod.³⁴⁶

While some Kabalists, and even archaeologists say that "Adam, Enoch, and Noah might, in outward appearance, be different men, but they were really the selfsame divine person,"³⁴⁷ others explain that between Adam and Noah there intervened several cycles. That is to say that every one of the antediluvian patriarchs stood as the representative of a race which had its place in a succession of cycles; and each of these races was less spiritual than its predecessor. Thus Noah, though a good man, could not have borne comparison with his ancestor, Enoch, who "walked with God and did not die." Hence the allegorical interpretation which makes Noah have this coat of skin by inheritance from the second Adam and Enoch, but not wear it himself, for if otherwise, Ham could not have stolen it. But Noah and his children bridged the flood; and while the former belonged to the old and still spiritual antediluvian generation, insomuch as he was selected from all mankind for his purity, his children were *post-diluvian*. The coat of skin worn by Cush 'in secret'—i. e., when his spiritual nature began to be tainted by the material—is placed on Nimrod, the most powerful and strongest of physical men on this side of the flood, and the last remnant of the antediluvian giants.³⁴⁸

In the Scandinavian legend, *Ymir*, the giant, was slain by the sons of *Bör*, and the streams of blood flowing from his wounds were so copious that the flood drowned the whole race of ice- and frost-giants, and *Bergelmir* alone of that race was saved, with his wife, by taking refuge in a bark; which fact permitted him to transmit a new branch of giants from the old stock. But all the sons of *Bör* remained untouched by the flood.³⁴⁹

When the symbolism of this diluvian legend is unraveled, one perceives at once the real meaning of the allegory. The giant *Ymir* typifies the primitive rude organic *matter*, the blind cosmical forces, in their chaotic state, before they received the intelligent impulse of the Divine Spirit which set them into a regular motion dependent on immovable laws. The progeny of *Bör* are the 'sons of God,' or the minor gods mentioned by Plato in the *Timæus*, and who were entrusted, as he expresses it, with the creation of men; for we see them taking the mangled remains of *Ymir* to the *Ginnungagap*, the chaotic abyss, and employing them for the creation of our world. His blood goes to form oceans and rivers; his bones, the mountains; his teeth, the rocks and cliffs; his hair,

346. *Book of Jasher*, vii, 24-29: New York, 1840.

347. See Godfrey Higgins: *Anacalypsis*, quoting Faber.

348. See Cory: *Anct. Frag.*, s. v. Berosus, Eupolemus, Sibylline Oracles.

349. We refer the reader for further particulars to the 'Prose Edda' in Mallet's *Northern Antiquities*, p. 404, sq.

the trees, etc.; while his skull forms the heavenly vault, supported by four pillars representing the four cardinal points. From the eyebrows of *Ymir* was created the future abode of man — *Midgard*. This abode (the earth), says the *Edda*, in order to be correctly understood in all its minute particulars, must be conceived as *round as a ring*, or as a disk, floating in the midst of the Celestial Ocean (Ether). It is encircled by *Jörmungand*, the gigantic *Midgard*- or Earth-Serpent, holding its tail in its mouth. This is the mundane snake, matter and spirit, combined product and emanation of *Ymir*, the gross rudimental matter, and of the spirit of the 'sons of God,' who fashioned and created all forms. This emanation is the astral light of the Kabalists, and the as yet problematical, and hardly known, aether, or the "hypothetical agent of great elasticity" of our physicists.

How sure the ancients were of this doctrine of man's trinitarian nature may be inferred from the same Scandinavian legend of the creation of mankind. According to the *Völuspá*, *Odin*, *Hönnir*, and *Lódur*, who are the progenitors of our race, found in one of their walks on the ocean-beach two sticks floating on the waves, "powerless and without destiny." *Odin* breathed in them the breath of life; *Hönnir* endowed them with soul and motion; and *Lódur* with beauty, speech, sight, and hearing. The man they called *Askr* — the ash,³⁵⁰ and the woman *Embla* — the alder. These first men are placed in *Midgard* (mid-garden, or Eden) and thus inherit from their creators matter or inorganic life, mind or soul, and pure spirit; the first corresponding to that part of their organism which sprang from the remains of *Ymir*, the giant-matter; the second to that part sprung from the *Aesir*, or gods, the descendants of *Bör*; and the third to that from the *Vanir*, or the representatives of pure spirit.

Another version of the *Edda* makes our visible universe spring from beneath the luxuriant branches of the mundane tree — the *Yggdrasil*, the tree with the *three* roots. Under the first root runs the fountain of life, *Urdar*; under the second is the famous well of *Mimir*, in which lie deeply buried Wit and Wisdom. *Odin*, the *Alfadir*, asks for a draught of this water; he gets it, but finds himself obliged to pledge one of his eyes for it, the eye being in this case the symbol of the Deity revealing itself in the wisdom of its own creation; for *Odin* leaves it at the bottom of the deep well. The care of the mundane tree is entrusted to three maidens (the Norns or *Parcae*), *Urdhr*, *Verdandi*, and *Skuld* — or the Present, the Past, and the Future. Every morning, while fixing the term

350. It is worthy of attention that in the Central American *Popol Vuh* the human race is created out of a reed, and in Hesiod out of the ash-tree, as in the Scandinavian narrative.

of human life, they draw water from the Urdar-fountain, and sprinkle with it the roots of the mundane tree that it may live. The exhalations of the ash, *Yggdrasil*, condense, and falling down upon our earth call into existence and change of form every portion of the inanimate matter. This tree is the symbol of the *universal* Life, organic as well as inorganic; its emanations represent the spirit which vivifies every form of creation; and of its three roots, one extends to heaven, the second to the dwelling of the magicians — giants, inhabitants of the *lofty mountains* — and at the third, under which is the spring *Hvergelmir*, gnaws the monster *Nidhogg*, who constantly leads mankind into evil. The Tibetans have also their mundane tree, and the legend is of an untold antiquity. With them it is called *Zampun*. The first of its three roots also extends to heaven, to the top of the highest mountains; the second passes down to the lower region; the third remains midway, and reaches the east. The mundane tree of the Hindûs is the *Āśvattha*.³⁵¹ Its branches are the components of the visible world; and its leaves the *Mantras* of the Vedas, symbols of the universe in its intellectual or moral character.

Who can study carefully the ancient religious and cosmogonic myths without perceiving that this striking similitude of conceptions, in their exoteric form and esoteric spirit, is the result of no mere coincidence, but manifests a concurrent design? It shows that already in those ages which are shut out from our sight by the impenetrable mist of tradition, human religious thought developed in sympathetic unity in every portion of the globe. Christians call this adoration of nature in her most concealed verities — Pantheism. But if the latter, which worships and reveals to us God in space in His only possible objective form — that of visible nature — perpetually reminds humanity of Him who created it, and a religion of theological dogmatism only serves to conceal Him the more from our sight, which is the better adapted to the needs of mankind?

Modern science insists upon the doctrine of evolution; so do human reason and the 'secret doctrine'; and the idea is corroborated by the ancient legends and myths, and even by the Bible itself when it is read between the lines. We see a flower slowly developing from a bud, and the bud from its seed. But whence the latter, with all its predetermined program of physical transformation, and its invisible, therefore *spiritual*, forces which gradually develop its form, color and odor? The word *evolution* speaks for itself. The germ of the present human race must have pre-existed in the parent of this race, as the seed, in which lies

351. See Kanne: *Pantheum der ältesten Philosophie*. [Also *The Secret Doctrine*, I, p. 549, sq.; II, pp. 97, 639.]

hidden the flower of next summer, was developed in the capsule of its parent-flower; the parent may be but *slightly* different, yet it differs from its future progeny. The antediluvian ancestors of the present elephant and lizard were, perhaps, the mammoth and the plesiosaurus; why should not the progenitors of our human race have been the 'giants' of the *Vedas*, the *Völuspá*, and the Book of *Genesis*? While it is positively absurd to believe the 'transformation of species' to have taken place according to some of the more materialistic views of the evolutionists, it is but natural to think that each genus, beginning with the mollusks and ending with monkey-man, has modified from its own primordial and distinctive form. Supposing that we concede that "animals have descended from at most only four or five progenitors";³⁵² and that even *à la rigueur* "all the organic beings which have ever lived on *this earth* have descended from some one primordial form";³⁵³ still no one but a stone-blind materialist, one utterly devoid of intuition, can seriously expect to see "in the distant future . . . psychology based on a new foundation, that of the necessary acquirement of each mental power and capacity by gradation."³⁵⁴

Physical man, as a product of evolution, may be left in the hands of the man of exact science. None but he can throw light upon the *physical* origin of the race. But we must positively deny the materialist the same privilege as to the question of man's psychical and spiritual evolution, for he and his highest faculties *cannot* be proved on any conclusive evidence to be "as much products of evolution as the humblest plant or the lowest worm."³⁵⁵

Having said so much, we shall now proceed to show the evolution-hypothesis of the old Brāhmanas, as embodied by them in the allegory of the mundane tree. The Hindūs represent their mythical tree, which they call *Āsvattha*, in a way quite different from the Scandinavian tree. It is described by them as growing in a reversed position, the branches extending downward and the roots upward; the former typifying the external world of sense, *i. e.*, the visible cosmical universe, and the latter the invisible world of spirit, because the roots have their *genesis* in the heavenly regions where, from the world's creation, humanity has placed its invisible deity. The creative energy having originated in the primordial point, the religious symbols of every people are so many illustrations of this metaphysical hypothesis expounded by Pythagoras, Plato, and

352. Chas. Darwin: *On the Origin of Species*, p. 484, (1st. edit.).

353. *Ibid.* Which latter word we cannot accept unless that "primordial form" is conceded to be the primal concrete form that spirit assumed as the *revealed* Deity.

354. *Ibid.*, p. 488.

355. Lecture by T. H. Huxley, F. R. S.: *Darwin and Haeckel*.

other philosophers. "These Chaldaeans," says Philo,³⁵⁶ "were of opinion that the Kosmos, among the things that exist, is a single point, either being itself God (Theos) or that in it is God, comprehending the soul of all the things."

The Egyptian Pyramid also symbolically represents this idea of the mundane tree. Its apex is the mystic link between heaven and earth, and stands for the root, while the base represents the spreading branches, extending to the four cardinal points of the universe of matter. It conveys the idea that all things had their origin in spirit — evolution having originally begun from above and proceeded downward, instead of the reverse, as taught in the Darwinian theory. In other words, there has been a gradual materialization of forms until a fixed ultimate of debasement is reached. This is the point where the doctrine of modern evolution enters into the arena of speculative hypothesis. Arrived at this period we shall find it easier to understand Haeckel's *Anthropogeny*, which traces the pedigree of man "from its protoplasmic root, sodden in the mud of seas which existed before the oldest of the fossiliferous rocks were deposited," according to Professor Huxley's exposition. We may more easily believe man evolved "by gradual modification of a mammal of ape-like organization," when we remember that the same theory was said by Berosus to have been taught many thousands of years before his time by the man-fish Oannes or Dagon, the semi-daemon of Babylonia, though in a phraseology more condensed and less elegant, but just as comprehensible.³⁵⁷ We may add, as a fact of interest, that this ancient theory of evolution is not only embalmed in allegory and legend, but also depicted upon the walls of certain temples in India, and, in a fragmentary form, has been found in those of Egypt and on the slabs of Nimrud and Nineveh, excavated by Layard.

But what lies back of the Darwinian line of descent? So far as he is concerned, nothing but "unverifiable hypotheses." For, as he says, he views all forms of life "as the lineal descendants of some few beings which lived long before the first bed of the Silurian system was deposited."³⁵⁸ He does not attempt to show us who these "few beings" were. But it answers our purpose quite as well, for in the admission of their existence at all, resort to the ancients for corroboration and elaboration of the idea receives the stamp of scientific approbation. With all the changes that our globe has passed through as regards temperature, climate, soil, and — if we may be pardoned, in view of recent developments — its electro-magnetic condition, he would be bold indeed who dared to

356. *De migratione Abrahami*, § 32.

357. Cory: *Anct. Frag.*, s. v. Berosus on Cosmogony and Deluge (from Alex. Polyhistor). [Cf. *The Secret Doctrine*, II, p. 190.]

358. *Origin of Species*, p. 489.

say that anything in present science contradicts the ancient hypothesis of ante-Silurian man. The flint-axes first found by Boucher de Perthes, in the valley of the Somme, prove that men must have existed at a period so remote as to be beyond calculation. If we believe Büchner, man must have lived during and even before the glacial epoch, a subdivision of the quaternary or diluvial period probably extending very far back in it. But who can tell what the next discovery has in store for us?

Now if we have indisputable proof that man has existed so long as this, there must have been wonderful modifications of his physical system, corresponding with the changes of climate and atmosphere. Does not this seem to show by analogy that, tracing backward, there may have been other modifications, which fitted the most remote progenitors of the 'frost-giants' to live even contemporaneously with the Devonian fishes or the Silurian mollusks? True, they left no flint-hatchets behind them, nor any bones or cave-deposits; but if the ancients are correct, the races at that time were composed not only of giants, or "mighty men of renown," but also of 'sons of God.' If those who believe in the evolution of *spirit* as firmly as the materialists believe in that of *matter*, are charged with teaching 'unverifiable hypotheses,' how readily they can retort upon their accusers by saying that, by *their* own confession, their physical evolution is still "an unverified, if not actually an unverifiable hypothesis." ³⁵⁹ The former have at least the inferential evidence of legendary myth, the vast antiquity of which is admitted by both philologists and archaeologists; while their antagonists have nothing of a similar nature, *unless they help themselves to a portion of the ancient picture-writings, and suppress the rest.*

It is more than fortunate that, while the works of some men of science — who have justly won their great reputations — will flatly contradict our hypotheses, the researches and labors of others not less eminent seem to fully confirm our views. In the recent work of Mr. Alfred R. Wallace, *The Geographical Distribution of Animals*, we find the author seriously favoring the idea of "some slow process of development" of the present species from others which have preceded them, his idea extending back over an innumerable series of cycles. And if animals, why not animal man, preceded still farther back by a thoroughly 'spiritual' one — a 'son of God'?

And now, we may once more return to the symbology of the olden times, and their physico-religious myths. Before we close this work, we hope to demonstrate more or less successfully how closely the conceptions of the latter were allied with many of the achievements of modern science in physics and natural philosophy. Under the emblematical devices

359. Huxley: *Darwin and Haeckel.*

and peculiar phraseology of the priesthood of old, lie latent hints of sciences as yet undiscovered during the present cycle. However well acquainted a scholar may be with the hieratic writing and hieroglyphical system of the Egyptians, he must first of all learn to sift their records. He has to assure himself, compasses and rule in hand, that the picture-writing he is examining fits, to a line, certain fixed geometrical figures which are the hidden keys to such records, before he ventures on an interpretation.

But there are myths which speak for themselves. In this class we may include the double-sexed first creators of every cosmogony: — the Greek Zeus-Zên (aether), and Chthonia (the chaotic earth) and Metis (the water), his wives; Osiris and Isis-Latona — the former god representing also aether — the first emanation of the Supreme Deity, Amun, the primeval source of light; the goddess Earth and Water again; Mithras,³⁶⁰ the rock-born god, the symbol of the male mundane-fire, or the personified primordial light, and Mithra, the fire-goddess, at once his mother and his wife; the pure element of fire (the active, or male principle) regarded as light and heat, in conjunction with earth and water, or matter (female or passive elements of cosmical generation). Mithras is the son of Bordj, the Persian mundane mountain,³⁶¹ from which he flashed out as a radiant ray of light. Brahmâ, the fire-god, and his prolific consort; the Hindû *Agni*, the refulgent deity, from whose body issue a thousand streams of glory and *seven* tongues of flame, and in whose honor the Sâgnika Brâhmanas preserve to this day a *perpetual* fire; *Siva*, personated by the mundane mountain of the Hindûs, the *Meru* (Himâlaya). This terrific fire-god, who is said in the legends to have descended from heaven, like the Jewish Jehovah, *in a pillar of fire*, and a dozen other archaic, double-sexed deities, all loudly proclaim their hidden meaning. And what can these dual myths mean but the physico-chemical principle of primordial creation? The first revelation of the Supreme Cause in its triple manifestation of spirit, force, and matter; the divine *correlation*, at its starting-point of evolution, allegorized as the marriage of *fire* and water, products of electrifying spirit, union of the male active principle with the female passive element, which become the parents of their tellurian child, cosmic matter, the *prima materia*, whose soul is Aether, the ASTRAL LIGHT!

Thus all the world-mountains and mundane eggs, the mundane trees, and the mundane snakes and pillars, may be shown to embody scientific-

360. Mithras was regarded among the Persians as the *Theos ek petras* — god of the rock.
 361. Bordj is called a fire-mountain — a volcano; therefore it contains fire, rock, earth, and water — the male and active, and the female or passive elements. The myth is suggestive.

ally demonstrated truths of natural philosophy. All of these mountains contain, with very trifling variations, the allegorically-expressed description of primal cosmogony; the mundane trees, that of subsequent evolution of spirit and matter; the mundane snakes and pillars, symbolical memorials of the various attributes of this double evolution in its endless correlation of cosmic forces. Within the mysterious recesses of the mountain — the matrix of the universe — the gods (powers) prepare the atomic germs of organic life, and at the same time the life-drink, which, when tasted, awakens in man-matter the man-*spirit*. The soma, the sacrificial drink of the Hindûs, is that sacred beverage. For at the creation of the *prima materia*, while the grossest portions of it were used for the physical embryo-world, the more divine essence of it pervaded the universe, invisibly permeating and enclosing within its ethereal waves the newly-born infant, developing and stimulating it to activity as it slowly evolved out of the eternal chaos.

From the poetry of abstract conception these mundane myths gradually passed into the concrete images of cosmic symbols, as archaeology now finds them. The snake, which plays such a prominent part in the imagery of the ancients, was degraded by the absurd interpretation of the serpent of the Book of *Genesis* into a synonym of Satan, the Prince of Darkness, whereas it is the most ingenious of all the myths in its various symbolismisms. For one, as *agathodaimon*, it is the emblem of the healing art and of the immortality of man. It encircles the images of most of the sanitary or hygienic gods. *The cup of health*, in the Egyptian Mysteries, was entwined by serpents. As evil can only arise from an extreme in good, the serpent, under some other aspects, became typical of matter; which, the more it recedes from its primal spiritual source, the more it becomes subject of evil. In the oldest Egyptian imagery, as in the cosmogonic allegories of Kneph, the mundane snake, when typifying matter, is usually represented as contained within a circle; he lies straight across its equator, thus indicating that the universe of astral light, out of which the physical world evolved, while bounding the latter, is itself bound by *Emepht*, or the Supreme First Cause. *Ptaḥ* producing *Râ* and the myriad forms to which he gives life, are shown as creeping out of the mundane egg, because it is the most familiar form of that in which is deposited and developed the germ of every living being. When the serpent represents eternity and immortality, it encircles the world, biting its tail, thus offering no break of continuity. It then becomes the astral light. The disciples of the school of Pherecydes taught that aether (Zeus or Zên) is the highest empyrean heaven, which encloses the supernal world, and its light (the astral) is the concentrated primordial element.

Such is the origin of the serpent, metamorphosed in Christian ages

into Satan. It is the *Od*, the *Ob*, and the *Aor* of Moses and the Kabalists. When in its passive state, when it acts on those who are unwittingly drawn within its current, the astral light is the *Ob*, or Python. Moses was determined to exterminate all those who, sensitive to its influence, allowed themselves to fall under the easy control of the vicious beings which move in the astral waves like fish in the water; beings who surround us, and whom Bulwer Lytton calls in *Zanoni* "the dwellers of the threshold." It becomes the *Od*, as soon as it is vivified by the *conscious efflux* of an immortal soul; for then the astral currents are acting under the guidance of either an adept, a pure spirit, or an able mesmerizer who is pure himself and knows how to direct the blind forces. In such cases even a high Planetary Spirit, one of the class of beings that have never been embodied (though there are many among these hierarchies who have lived on our earth), descends occasionally to our sphere, and purifying the surrounding atmosphere enables the *subject* to see, and opens in him the springs of true divine prophecy. As to the term *Aor*, the word is used to designate certain occult properties of the universal agent. It pertains more directly to the domain of the alchemist, and is of no interest to the general public.

The author of the *Homoioimerian* system of philosophy, Anaxagoras of Clazomenae, firmly believed that the spiritual prototypes of all things, as well as their elements, were to be found in the boundless ether, where they were generated, whence they evolved, and whither they returned from earth. In common with the Hindûs who had personified their *Ākāśa* (sky or aether) and made of it a deific entity, the Greeks and Latins had deified Aether. Vergil calls Zeus, *pater omnipotens aether*³⁶² — *Magnus*, the great God, Aether.

These beings above alluded to are the elemental spirits of the Kabalists,³⁶³ whom the Christian clergy denounce as 'devils,' the enemies of mankind.

362. Vergil: *Georgica*, II.

363. Porphyry and other philosophers explain the nature of the *dwellers*. They are mischievous and deceitful, though some of them are perfectly gentle and harmless, but so weak as to have the greatest difficulty in communicating with mortals whose company they seek incessantly. The former are not wicked through intelligent malice. The law of spiritual evolution not having yet developed their instinct into intelligence, whose highest light belongs but to immortal spirits, their powers of reasoning are in a latent state, and therefore they themselves are irresponsible.

But the Latin Church contradicts the Kabalists. Augustine has even a discussion on that account with Porphyry, the Neo-Platonist. "These spirits," he says, "are deceitful, *not by their nature*, as Porphyry, the theurgist, will have it, but through malice. They pass themselves off for gods and for the souls of the defunct" (*The City of God*, X, xi). So far Porphyry agrees with him; "but they do not claim to be *demons* [read devils], for they are such in reality!" adds the bishop of Hippo. But then, under what class should we place the men *without heads*, whom Augustine wishes us to believe he saw

"Already Tertullian," gravely remarks Des Mousseaux, in his chapter on the devils, "has *formally* discovered the secret of their cunning." ³⁶⁴

A priceless discovery, that. And now that we have learned so much of the mental labors of the holy fathers and their achievements in astral anthropology, need we be surprised at all, if, in the zeal of their spiritual explorations, they have so far neglected their own planet as at times to deny not only its right to motion but even its sphericity?

And this is what we find in Langhorne, the translator of *Plutarch*: "Dionysius of Halicarnassus is of opinion that Numa built the temple of Vesta in a *round* form, to represent the figure of the earth, for by Vesta they meant the earth." ³⁶⁵ Moreover, Philolaus, in common with all other Pythagoreans, held that the element of fire was placed in the center of the universe; and Plutarch, speaking on the subject, remarks of the Pythagoreans that "the earth they suppose not to be without motion, nor situated in the center of the world-universe, τοῦ κόσμου, but to make its revolution round the sphere of fire, being neither one of the most valuable, nor principal parts of the great machine. Plato, too, is reported to have been of the same opinion." ³⁶⁶ It appears, therefore, that the Pythagoreans anticipated Galileo's *discovery*.

The existence of such an invisible universe being once admitted — as seems likely to be the fact if the speculations of the authors of the *Unseen Universe* are ever accepted by their colleagues — many of the phenomena, hitherto mysterious and inexplicable, become plain. It acts on the organism of the magnetized mediums, it penetrates and saturates them through and through, either directed by the powerful will of a mesmerizer, or by unseen beings who achieve the same result. Once that the silent operation is performed, the astral or sidereal phantom of the mesmerized subject quits its paralysed, earthly casket, and, after having roamed in the boundless space, alights at the threshold of the mysterious 'bourne.' For it the gates of the portal which marks the entrance to the 'silent land' are now but partially ajar; they will fly wide open before the soul of the entranced somnambulist only on that day when, united with its higher immortal essence, it will have quitted forever its mortal frame. Until then the seer or seeress can look but through a chink; it depends on the acuteness of the clairvoyant's spiritual sight to see more or less through it.

himself? or the satyrs of Jerome, which he asserts were exhibited for a considerable length of time at Alexandria? They were, he tells us, "men with the legs and tails of goats"; and, if we may believe him, one of these Satyrs was actually *pickled* and sent in a cask to the Emperor Constantine!

364. *Mœurs et pratiques des démons*, p. 71.

365. Cf. *Plutarch*, I, 'Numa,' § xi, in which Vesta is identified, according to the Pythagoreans, with fire and the Unit; the circular form imitating "the shape of the universe." (Cf. Dionys. Halic., *Antiq. Rom.*, II, lxvi.)

366. *Ibid.*

The trinity in unity is an idea which all the ancient nations held in common: — the three *Devatās*, the Hindū *Trimūrti*, the *Three Heads* of the Jewish Kabala.³⁶⁷ "Three Heads have been formed forth, one within the other, and superimposed." The trinity of the Egyptians and that of the mythological Greeks were alike representations of the first triple emanation containing two male principles and one female. It is the union of the male *Logos*, or wisdom, the revealed Deity, with the female *Aura* or *Anima Mundi* — 'the holy *Pneuma*,' which is the *Sephira* of the Kabbalists and the *Sophia* of the refined Gnostics — that produced all things visible and invisible. While the true metaphysical interpretation of this universal dogma remained within the sanctuaries, the Greeks, with their poetical instincts, impersonated it in many charming myths. In the *Dionysiacs* of Nonnus, the god Bacchus, among other allegories, is represented as in love with the soft, genial breeze (the Holy *Pneuma*), under the personified name of *Aura Placida*.³⁶⁸ And now we shall leave Godfrey Higgins to speak: "When the *ignorant* Fathers were constructing their calendar, they made out of this gentle zephyr two Roman Catholic saints!!" — SS. *Aura* and *Placida*; nay, they even went so far as to transfer the jolly god into St. Bacchus, and actually *show his coffin and relics at Rome*. The festival of the two 'blessed saints,' *Aura* and *Placida*, occurs on the 5th of October, close to the festival of St. Bacchus.³⁶⁹

How far more poetical and how much greater the religious spirit to be found in the 'heathen' Norse legends of creation! In the boundless abyss of the mundane pit, the *Ginnungagap* — where in blind fury and conflict rage cosmic matter and the primordial forces — suddenly the thaw-wind blows. It is the 'unrevealed God,' who sends his beneficent breath from *Muspellheim*, the sphere of empyreal fire, within whose glowing rays dwells this great Being, far beyond the limits of the world of matter; and the *animus* of the Unseen, the Spirit brooding over the dark, abysmal waters, calls order out of chaos, and once having given the impulse to all creation the FIRST CAUSE retires, and remains for evermore *in statu abscondito!*³⁷⁰

There is both religion and science in these Scandinavian songs of heathendom. As an example of the latter, take the conception of Thor, the son of Odin. Whenever this Hercules of the North would grasp the handle of his terrible weapon, the thunderbolt or electric hammer, he is obliged to put on his *iron* gauntlets. He also wears a magical belt

367. *Tria capita exsculpta sunt, unum intra alterum, et alterum supra alterum: Idrak Zulah*, § ii. 368. Gentle gale (lit.).

369. Higgins: *Anacalypsis*; also Dupuis: *Origine de tous les cultes*, III, p. 151.

370. Mallet: *Northern Antiquities*, pp. 401-6; and 'The Songs of the *Völuspá*,' in the *Edda*.

known as the '*girdle of strength*,' which, whenever girded about his person, greatly augments his celestial power. He rides upon a car drawn by two rams with silver bridles, and his awful brow is encircled by a wreath of stars. His chariot has a pointed iron pole, and the spark-scattering wheels continually roll over rumbling thunder-clouds. He hurls his hammer with resistless force against the rebellious frost-giants, whom he dissolves and annihilates. When he repairs to the *Urdar* fountain, where the gods meet in conclave to decide the destinies of humanity, he alone goes on foot, the rest of the deities being mounted. He walks, for fear that in crossing *Bifröst* (the rainbow), the many-hued *Aesir*-bridge, he might set it on fire with his thunder-car, at the same time causing the *Urdar* waters to boil.

Rendered into plain English, how can this myth be interpreted but as showing that the Norse legend-makers were thoroughly acquainted with electricity? Thor, the euhemerization of electricity, handles his peculiar element only when protected by gloves of *iron*, which is its natural conductor. His belt of strength is a closed circuit, around which the isolated current is compelled to run instead of diffusing itself through space. When he rushes with his car through the clouds, he is electricity in its *active* condition, as the sparks scattering from his wheels and the rumbling thunder of the clouds testify. The pointed iron pole of the chariot is suggestive of the lightning-rod; the two rams which serve as his coursers are the familiar, ancient symbols of the male or generative power; their silver bridles typify the female principle, for silver is the metal of Luna, Astarte, Diana. Therefore in the ram and his bridle we see combined the active and passive principles of nature in opposition, one rushing forward, and the other restraining, while both are in subordination to the world-permeating, electrical principle, which gives them their impulse. With this electricity supplying the impulse, and the male and female principles combining and recombining in endless correlation, the result is — evolution of visible nature, the crown-glory of which is the planetary system, which in the mythic Thor is allegorized by the circlet of glittering orbs which bedeck his brow. When in his active condition, his awful thunderbolts destroy everything, even the other lesser Titanic forces. But he goes afoot over the rainbow-bridge, *Bifröst*, because to mingle with other less powerful gods than himself, he is obliged to be in a *latent* state, which he could not be in his car; otherwise he would set on fire and annihilate all. The meaning of the *Urdar*-fountain, that Thor is afraid to make boil, and the cause of his reluctance, will only be comprehended by our physicists when the reciprocal electro-magnetic relations of the innumerable members of the planetary system, now just suspected, have been thoroughly determined. Glimpses of the truth are given in the

recent scientific essays of Professors Mayer and Sterry Hunt. The ancient philosophers believed that not only volcanoes, but boiling springs, were caused by concentrations of underground electric currents, and that this same cause produced mineral deposits of various natures, which form curative springs. If it be objected that this fact is not distinctly stated by the ancient authors, who in the opinion of our century were hardly acquainted with electricity, we may simply answer that not all the works embodying ancient wisdom are now known to our scientists. The clear and cool waters of *Urdar* were required for the daily irrigation of the mystical mundane tree; and if they had been disturbed by Thor, or active electricity, they would have been converted into mineral springs unsuited for the purpose. Such examples as the above will support the ancient claim of the philosophers that *there is a logos in every mythos*, or a groundwork of truth in every fiction.

CHAPTER VI

"Hermes, who is of my ordinances ever the bearer . . .
Then taking his staff, with which he the eyelids of mortals
Closes at will, and the sleeper, at will, reawakens."— *Odyssey*, V

"I saw the Samothracian rings
Leap, and steel-filings boil in a brass dish
So soon as underneath it there was placed
The magnet-stone; and with wild terror seemed
The iron to flee from it in stern hate. . . ."— *LUCRETIVS*, VI

"But that which especially distinguishes the Brotherhood is their marvelous knowledge of the resources of the medical art. They work not by charms but by simples."
(*MS. Account of the Origin and Attributes of the True Rosicrucians*)

ONE of the truest things ever said by a man of science is the remark made by Professor Cooke in *The New Chemistry* (p. 11). "The history of science shows that the age must be prepared before . . . scientific truths can take root and grow. The barren premonitions of science have been barren because these seeds of truth fell upon unfruitful soil; and, as soon as the fullness of the time was come, the seed has taken root and the fruit has ripened. . . . Every student is surprised to find how very little is the share of new truth which even the greatest genius has added to the previous stock."

The revolution through which chemistry has recently passed, is well calculated to concentrate the attention of chemists upon this fact; and it would not be strange if, in less time than it has required to effect it, the claims of the alchemists would be examined with impartiality, and studied from a rational point of view. To bridge the narrow gulf which now separates the *new* chemistry from *old* alchemy, is little if any harder than what they have done in going from dualism to the law of Avogadro.

As Ampère served to introduce Avogadro to our contemporary chemists, so Reichenbach will perhaps one day be found to have paved the way with his op for the just appreciation of Paracelsus. It was more than fifty years before molecules were accepted as units of chemical calculations; it may require less than half that time to cause the superlative merits of the Swiss mystic to be acknowledged. The warning paragraph about healing mediums, which will be found elsewhere, might have

been written by one who had read his works. "You must understand," he says, "that the magnet is that spirit of life in man which the infected man seeks, as both unite themselves with chaos from without. And thus the healthy are infected by the unhealthy through magnetic attraction."

The primal causes of the diseases afflicting mankind; the secret relations between physiology and psychology, vainly tortured by men of modern science for some clew to base their speculations upon; the specifics and remedies for every ailment of the human body — all are described and accounted for in the voluminous works of Paracelsus. Electromagnetism, the so-called *discovery* of Professor Oersted, had been used by Paracelsus three centuries before. This may be demonstrated by examining critically his mode of curing disease. Upon his achievements in chemistry there is no need to enlarge, for it is admitted by fair and unprejudiced writers that he was one of the greatest chemists of his time.³⁷¹ Briere de Boismont terms him a 'genius' and agrees with Deleuze that he created a new epoch in the history of medicine. The secret of his successful and, as they were called, magic cures lies in his sovereign contempt for the so-called learned 'authorities' of his age. "Seeking for truth," says Paracelsus, "I considered with myself that if there were no teacher of medicine in the world, how would I set about to learn the art? No otherwise than in the great open book of nature, written with the finger of God. . . . I am accused and denounced for not having entered in at the right door of art. But which is the right one? Galen, Avicenna, Mesne, Rhasis, or honest nature? I believe, the last! Through this door I entered, and the light of nature, and no apothecary's lamp, directed me on my way."³⁷²

This utter scorn for established laws and scientific formulae, this aspiration of mortal clay to commingle with the spirit of nature, and look to it alone for health, and help, and the light of truth, was the cause of the inveterate hatred shown by the contemporary pygmies for the fire-philosopher and alchemist. No wonder that he was accused of charlatanism and even drunkenness. From the latter charge, Hemmann boldly and fearlessly exonerates him, and proves that the foul accusation proceeded from "Oporinus, who lived with him some time in order to learn his secrets, but his object was defeated; hence the evil reports of his disciples and apothecaries."³⁷³ He was the founder of the School of Animal Magnetism and the discoverer of the occult properties of the magnet. He was branded by his age as a sorcerer, because the cures he made were marvelous. Three centuries later, Baron Du Potet was also accused of

371. Hemmann: *Medizinal-Chirurgische Aufsätze*, p. 19, sq.: Berlin, 1778.

372. Hemmann, *loc. cit.*; see also Sprengel: *Geschichte der Arzneikunde*, III, p. 351.

373. See *Manual on the Philosophers' Stone*.

sorcery and demonolatry by the Church of Rome, and of charlatanry by the academicians of Europe. As the fire-philosophers say, it is not the chemist who will condescend to look upon the 'living fire' otherwise than his colleagues do. "Thou hast forgotten what thy fathers taught thee about it—or rather, thou hast never known . . . it is *too loud* for thee!" ³⁷⁴

A work upon magico-spiritual philosophy and occult science would be incomplete without a particular notice of the history of animal magnetism, as it stands since Paracelsus staggered the schoolmen of the latter half of the sixteenth century with it.

We will observe briefly its appearance in Paris when imported from Germany by Anton Mesmer. Let us peruse with care and caution the old papers now mouldering in the Academy of Sciences of that capital, for there we shall find that, after having rejected in its turn every discovery that was ever made since Galileo, the *Immortals* capped the climax by turning their backs upon magnetism and mesmerism. They voluntarily shut the doors before themselves, the doors which led to those greatest mysteries of nature, which lie hid in the dark regions of the psychical as well as the physical world. The great universal solvent, the *Alkahest*, was within their reach—they passed it by; and now, after nearly a hundred years have elapsed, we read the following confession:

"Still it is true that, beyond the limits of direct observation, our science [chemistry] is not infallible, and our theories and systems, although they *may* all contain a kernel of truth, undergo frequent changes, and are often revolutionized." ³⁷⁵

To assert so dogmatically that mesmerism and animal magnetism are but hallucinations, implies that the statement can be proved. But where are these proofs, which alone ought to have authority in science? Thousands of times the chance was given to the academicians to assure themselves of its truth; but they have invariably declined. Vainly do mesmerists and healers invoke the testimony of the deaf, the lame, the diseased, the dying, who were cured or restored to life by simple manipulations and the apostolic 'laying on of hands.' 'Coincidence' is the usual reply, when the fact is too evident to be absolutely denied; 'will-o'-the-wisp,' 'exaggeration,' 'quackery,' are favorite expressions with our but too numerous Thomases. Newton, the well-known American healer, has performed more instantaneous cures than many a famous physician of New York City has had patients in all his life; Jacob, the Zouave, has had a like success in France. Must we then consider the accumulated testimony of the last forty years upon this subject to be

374. Robert Fludd: *Summum bonum, etc.*

375. Prof. J. P. Cooke: *The New Chemistry*, p. 5.

all illusion, confederacy with clever charlatans, and lunacy? Even to breathe such a stupendous fallacy would be equivalent to a self-accusation of lunacy.

Notwithstanding the recent sentence of Leymarie, the scoffs of the skeptics and of a vast majority of physicians and scientists, the unpopularity of the subject, and, above all, the indefatigable persecutions of the Roman Catholic clergy, fighting in mesmerism woman's traditional enemy, so evident and unconquerable is the truth of its phenomena that even the French magistrature was forced tacitly, though very reluctantly, to admit the same. The famous *clairvoyante*, Madame Roger, was charged with obtaining money under false pretenses, in company with her mesmerist, Dr. Fortin. On May 18th, 1876, she was arraigned before the *Tribunal Correctionnel* of the Seine. Her witness was Baron Du Potet, the grand master of mesmerism in France for the last fifty years; her advocate, the no less famous Jules Favre. Truth for once triumphed — the accusation was abandoned. Was it the extraordinary eloquence of the orator, or bare facts incontrovertible and unimpeachable that won the day? But Leymarie, the editor of the *Revue Spirite*, had also facts in his favor; and moreover the evidence of over a hundred respectable witnesses, among whom were the first names of Europe. To this there is but one answer — the magistrates dared not question the facts of mesmerism. Spirit-photography, spirit-rapping, writing, moving, talking, and even spirit-materializations can be simulated; there is hardly a phenomenon of the kind now in Europe and America which cannot be imitated — with apparatus — by a clever juggler. The wonders of mesmerism and subjective phenomena alone defy tricksters, skepticism, stern science, and dishonest mediums; *the cataleptic state it is impossible to feign*. Spiritualists who are anxious to have their truths proclaimed and forced on science, cultivate the mesmeric phenomena. Place on the stage of Egyptian Hall a somnambulist plunged in a deep mesmeric sleep. Let her mesmerist send her freed spirit to all the places the public may suggest; test her clairvoyance and clairsaudience; stick pins into any part of her body which the mesmerist may have made his passes over; thrust needles through the skin below her eyelids; burn her flesh and lacerate it with a sharp instrument. "Do not fear!" exclaim Regazzoni and Du Potet, Feste and Pierrard, Puységur and Dolgorouky — "a mesmerized or entranced subject *is never hurt!*" And when all this is performed, invite any popular wizard of the day who thirsts for puffery, and is, or pretends to be, clever at mimicking every spiritual phenomenon, to submit *his* body to the same tests! ³⁷⁶

376. In the *Bulletin de l'Académie de Médecine*, Paris, 1837, tom. I, p. 343, *sq.* may be found the report of Dr. Oudet who, to ascertain the state of insensibility of a lady

The speech of Jules Favre is reported to have lasted an hour and a half, and to have held the judges and the public spellbound by its eloquence. We who have heard Jules Favre believe it most readily; only the statement embodied in the last sentence of his argument was unfortunately premature and erroneous at the same time. "We are in the presence of a phenomenon which *science admits* without attempting to explain. *The public may smile* at it, but our most illustrious physicians regard it with gravity. Justice can no longer ignore what *science has acknowledged!*"

Were this sweeping declaration based upon fact and had mesmerism been impartially investigated by many instead of a few true men of science, more desirous of questioning nature than of following mere expediency, the public would *never* smile. The public is a docile and pious child, and readily goes whither the nurse leads it. It chooses its idols and fetishes, and worships them in proportion to the noise they make; and then turns round with a timid look of adulation to see whether the nurse, old Mrs. Public Opinion, is satisfied.

Lactantius, the old Christian father, remarked that no skeptic in his days would have dared to maintain before a magician that the soul did not survive the body, but died together with it; "for he would refute them on the spot by calling up the souls of the dead, rendering them visible to human eyes, and making them foretell future events." ³⁷⁷ So with the magistrates and bench in Madame Roger's case. Baron Du Potet was there, and they were *afraid* to see him mesmerize the somnambulist, and so force them not only to believe in the phenomenon, but to acknowledge it — which was far worse.

And now to the doctrine of Paracelsus. His incomprehensible, though lively style must be read like the biblio-rolls of Ezekiel, '*within and without.*' The peril of propounding heterodox theories was great in those days; the Church was powerful, and sorcerers were burnt by the dozens. For this reason, we find Paracelsus, Agrippa, and Eugenius Philalethes as notable for their pious declarations as they were famous for their achievements in alchemy and magic. The full views of Paracelsus on the occult properties of the magnet are explained partially in his famous book, *Archidoxarum*, in which he describes the wonderful tincture, a medicine extracted by means of the magnet

in a magnetic sleep, pricked her with pins, introducing a long pin in the flesh up to its head, and held one of her fingers for some seconds in the flame of a candle. A cancer was extracted from the right breast of a Madame Plantin. The operation lasted twelve minutes; during the whole time the patient talked very quietly with her mesmerizer, and never felt the slightest sensation. (*Bul. de l'Acad. de Méd.*, tom. II, p. 370; *Archives générales de Médecine*, p. 131: Paris, 1829.)

377. *Divine Institutes*, VII, xiii.

and called *Magisterium magnetis*, and partially in the *De ente Dei*, and *De ente astrorum*, lib. i. But the explanations are all given in a diction unintelligible to the profane. "Every peasant sees," said he, "that a magnet will attract iron, but a wise man must inquire for himself. . . . I have discovered that the magnet, besides this visible power, that of attracting iron, possesses another *and concealed* power."

He demonstrates further that in man lies hidden a '*sideral* force,' which is that emanation from the stars and celestial bodies of which the spiritual form of man — the astral spirit — is composed. This identity of essence, which we may term the spirit of cometary matter, always stands in direct relation with the stars from which it was drawn, and thus there exists a mutual attraction between the two, both being magnetic. The identical composition of the earth and all other planetary bodies and man's terrestrial body was a fundamental idea in his philosophy. "The body comes from the elements, the [astral] spirit from the stars. . . . Man eats and drinks of the elements, for the sustenance of his blood and flesh; from the stars are the intellect and thoughts sustained in his spirit." *The spectroscope has made good his theory as to the identical composition of man and stars; the physicists now lecture to their classes upon the magnetic attractions of the sun and planets.*³⁷⁸

Of the substances known to compose the body of man, there have already been discovered in the stars hydrogen, sodium, calcium, magnesium and iron. In the stars which have been examined, numbering many hundreds, hydrogen has been found in all but two. Now if we recollect how men have depreciated Paracelsus and his theory of man and the stars being composed of like substances; how he has been ridiculed by astronomers and physicists for his ideas of chemical affinity and attraction between the two; and then realize that the spectroscope has vindicated at least one of his assertions, is it so absurd to prophesy that in time all the rest of his theories will be substantiated?

And now a very natural question is suggested. How did Paracelsus come to learn anything of the composition of the stars, when until a very recent period — till the discovery of the spectroscope in fact — the constituents of the heavenly bodies were utterly unknown to our learned academies? And even now, notwithstanding tele-spectroscopic and other

378. The theory that the sun is an incandescent globe is — as one of the magazines recently expressed it — "going out of fashion." It has been computed that if the sun — whose mass and diameter are known to us — "were a solid block of coal, and sufficient amount of oxygen could be supplied to burn at the rate necessary to produce the effects we see, it would be completely consumed in less than 5000 years." And yet, till comparatively a few weeks ago, it was maintained — nay, is still maintained, that the sun is a reservoir of vaporized metals!

very important modern improvements, except a few elements and a hypothetical chromosphere, everything is yet a mystery for them in the stars. Could Paracelsus have been so sure of the nature of the starry host, unless he had means of which science knows nothing? Yet knowing nothing she will not even hear pronounced the very names of these means, which are — Hermetic philosophy and alchemy.

We must bear in mind, moreover, that *Paracelsus was the discoverer of hydrogen, and knew well all its properties and composition* long before any of the orthodox academicians ever thought of it; that he had studied astrology and astronomy, as all the fire-philosophers did; and that, if he did assert that man is in a direct affinity with the stars, he knew well the meaning of what he asserted.

The next point for the physiologists to verify is his proposition that the nourishment of the body comes not merely through the stomach, "but also imperceptibly through the magnetic force which resides in all nature and by which every individual member draws its specific nourishment to itself." Man, he further says, draws not only health from the elements when in equilibrium, but also disease when they are disturbed. Living bodies are subject to the laws of attraction and chemical affinity, as science admits; the most remarkable physical property of organic tissues, according to physiologists, is the property of *imbibition*. What more natural, then, than this theory of Paracelsus, that this absorbent, attractive, and chemical body of ours gathers into itself the astral or sidereal influences? "The sun and the stars attract from us to themselves, and we again from them to us." What objection can science offer to this? What it is that we give off, is shown in Baron Reichenbach's discovery of the odic emanations of man, which are identical with flames from magnets, crystals, and also from all vegetable organisms.

The unity of the universe was asserted by Paracelsus, who says that "the human body consists of primeval stuff" (or cosmic matter); the spectroscope has proved the assertion by showing that "the same chemical elements which exist upon earth and in the sun, are also found in the stars." The spectroscope does more: it shows that all the stars "are *suns*, similar in constitution to our own";³⁷⁹ and as we are told by Professor Mayer³⁸⁰ that the magnetic condition of the earth changes with every variation upon the sun's surface, and is said to be "in subjection to *emanations* from the sun," the stars being suns must also give off emanations which affect us in proportionate degrees.

379. See E. L. Youmans: *A Class-Book of Chemistry*, ch. vii, 'Spectrum Analysis.'

380. Professor of Physics in the Stevens Institute of Technology. See his *The Earth a Great Magnet* — a lecture delivered before the Yale Scientific Club, 1872. See also Prof. Balfour Stewart's lecture, *The Sun and the Earth*.

"In our dreams," says Paracelsus, "we are like the plants, which have also the elementary and vital body, but possess not the spirit. In our sleep the astral body is free, and can, by the elasticity of its nature, either hover round in proximity to its sleeping vehicle, or soar higher to hold converse with its starry parents, or even communicate with its brothers at great distances. Dreams of a prophetic character, prescience, and presentiments, are the faculties of the astral spirit. To our elementary and grosser body these gifts are not imparted, for at death it descends into the bosom of the earth and is reunited to the physical elements, while the several spirits return to the stars. The animals," he adds, "have also their presentiments, for they too have an astral body."³⁸⁰

Van Helmont, who was a disciple of Paracelsus, says much the same, though his theories on magnetism are more fully developed, and still more carefully elaborated. The *Magnale magnum*, the means by which the secret magnetic property enables people mutually to affect each other, is attributed by him to that universal sympathy which exists between all things in nature. The cause produces the effect, the effect refers itself back to the cause, and both are reciprocated. "Magnetism," he says, "is an unknown property of a celestial nature, very much resembling the stars, and not at all impeded by any boundaries of space or time. . . . Every created being possesses his own celestial power and is closely allied with heaven. . . . This magic power of man, which thus can operate externally, lies as it were hidden in the inner man. . . . This magical wisdom and strength thus sleeps, but by a mere suggestion is roused into activity and becomes more living, the more the outer man of flesh and the darkness is repressed . . . and this I say the kabalistic art effects; it brings back to the soul that magical yet natural strength which like a startled sleep had left it."³⁸¹

Both Van Helmont and Paracelsus agree as to the great potency of the will in the state of ecstasy; they say that "the spirit is everywhere diffused; and the spirit is the medium of magnetism"; that pure primal magic does not consist in superstitious practices and vain ceremonies but in the imperial will of man. "It is not the spirits of heaven and of hell" which are the masters over physical nature, but "the soul and spirit of man which are concealed in him as the fire is concealed in the flint."

The theory of the sidereal influence on man was enunciated by all the medieval philosophers. "The stars consist equally of the elements of earthly bodies," says Cornelius Agrippa, "and therefore the ideas attract each other. . . . Influences only go forth through the help of

380a. *Paracelsi opera omnia*: Geneva, 1658.

381. J. B. van Helmont:

Ortus medicinae ('De magn. vuln. cur.'), pp. 601, 610, sq.: Amsterodami, 1652.

the spirit; but this spirit is diffused through the whole universe and is in full accord with the human spirit. . . . The magician who would acquire supernatural powers must possess *faith, love, and hope*. . . . In all things there is a secret power concealed, and thence come the miraculous powers of magic." ³⁸²

The modern theory of General Pleasanton ³⁸³ singularly coincides with the views of the fire-philosophers. His view of the positive and negative electricities of man and woman, and the mutual attraction and repulsion of everything in nature, seems to be copied from that of Robert Fludd, the Grand Master of the Rosicrucians of England. "When two men approach each other," says the fire-philosopher, "their magnetism is either passive or active; that is, positive or negative. If the emanations which they send out are broken or thrown back, there arises antipathy. But when the emanations pass through each other from both sides, then there is positive magnetism, for the rays proceed from the center to the circumference. In this case they not only affect sicknesses but also moral sentiments. This magnetism or sympathy is found not only among human beings but also in plants and in animals." ³⁸⁴

And now we shall notice how, when Mesmer had imported into France his '*baquet*' and system based entirely on the philosophy and doctrines of the Paracelsites, the great psychological and physiological discovery was treated by the physicians. We shall see to what extent ignorance, superficiality, and prejudice can be displayed by a scientific body, when the subject clashes with its own cherished theories. Our examination is the more important for the reason that the present materialistic drift of the public mind is largely due to the neglect of the Committee of the French Academy of 1784; and the gaps in atomic philosophy, which its most devoted teachers confess exist, may certainly be also traced to that neglect. The Committee of 1784 comprised men of such eminence as Borie, Sallin, d'Arcet, and the famous Guillotin, to whom were subsequently added Franklin, Leroi, Bailly, De Borg and Lavoisier. Borie died shortly afterward and Magault succeeded him. There can be no doubt of two things, viz.: that the Committee began its work strongly prejudiced and only because peremptorily ordered to do it by the King; and that its manner of observing the delicate facts of mesmerism was injudicious and illiberal. Its report, drawn up by Bailly, was intended to be a death-blow to the new science. It was spread ostentatiously throughout all the schools and ranks of society, arousing the bitterest feelings among a large portion of the aristocracy and rich

382. *De occulta philosophia*, pp. 17, 18, 23, 254: 1531.

383. See *The Influence of the Blue Ray*, etc.

384. Robt. Fludd: *Philosophia Mosaica* (1638), quoted by Ennemoser, *Hist. of Magic*, II, p. 257.

commercial class, who had patronized Mesmer and had been eye-witnesses of his cures. Ant. L. de Jussieu, an academician of the highest rank, who had thoroughly investigated the subject with the eminent court-physician D'Eslon, published a counter-report drawn up with minute exactness, in which he advocated the careful observation by the medical faculty of the therapeutic effects of the magnetic fluid and insisted upon the immediate publication of its discoveries and observations. His demand was met by the appearance of a great number of memoirs, polemical works, and dogmatical books developing new facts; and Thouret's works entitled *Recherches et doutes sur le magnétisme animal*, displaying a vast erudition, stimulated research into the records of the past, and the magnetic phenomena of successive nations from the remotest antiquity were laid before the public.

The doctrine of Mesmer was simply a restatement of the doctrines of Paracelsus, Van Helmont, Santanelli, and Maxwell the Scotsman; and he was even found guilty of copying texts from the work of Bertrand, and enunciating them as his own principles.³⁸⁵ In Professor Stewart's work,³⁸⁶ the author regards our universe as composed of atoms with some sort of medium between them as the machine, and the laws of energy as the working laws of this machine. Professor Youmans calls this "a modern doctrine," but we find among the twenty-seven propositions laid down by Mesmer, in 1775, just one century earlier, in his *Letter to a Foreign Physician*, the following:

1st. *There exists a mutual influence between the heavenly bodies, the earth, and living bodies.*

2nd. *A fluid, universally diffused and continuous, so as to admit of no vacuum, whose subtlety is beyond all comparison, and which, from its nature, is capable of receiving, propagating, and communicating all the impressions of motion, is the medium of this influence.*

It would appear from this that the theory is not so modern after all. Professor Balfour Stewart says, "We may regard the universe in the light of a vast physical machine." And Mesmer:

3rd. *This reciprocal action is subject to mechanical laws, unknown up to the present time.*

Professor Mayer, reaffirming Gilbert's doctrine that the earth is a great magnet, remarks that the mysterious variations in the intensity of its force seem to be in subjection to emanations from the sun, "changing with the apparent daily and yearly revolutions of that orb, and pulsating in sympathy with the huge waves of fire which sweep over its surface."

385. *Du magnétisme animal en la France*: Paris, 1826.

386. *The Conservation of Energy* (preface): New York, 1875.

He speaks of "the constant fluctuation, the ebb and flow of the earth's directive influence." And Mesmer:

4th. *From this action result alternate effects which may be considered a flux and reflux.*

6th. *It is by this operation (the most universal of those presented to us by nature) that the relations of activity occur between the heavenly bodies, the earth, and its constituent parts.*

There are two more which will be interesting reading to our modern scientists:

7th. *The properties of matter and of organized bodies depend on this operation.*

8th. *The animal body experiences the alternate effects of this agent; and it is by insinuating itself into the substance of the nerves, that it immediately affects them.*

Among other important works which appeared between 1798 and 1824, when the French Academy appointed its second Commission to investigate mesmerism, the *Annales du magnétisme animal* by the Baron d'Henin de Cuvillier, Lieutenant-General, Chevalier of St. Louis, member of the Academy of Sciences, and correspondent of many of the learned societies of Europe, may be consulted with great advantage. In 1820 the Prussian Government instructed the Academy of Berlin to offer a prize of three hundred ducats in gold for the best thesis on mesmerism. The Royal Scientific Society of Paris, under the presidency of His Royal Highness the Duc d'Angoulême, offered a gold medal with the same object. The Marquis de la Place, peer of France, one of the *Forty* of the Academy of Sciences, and honorary member of the learned societies of all the principal European governments, issued a work entitled *Essai philosophique sur les probabilités*, in which he says: "Of all the instruments at our command for the study of the imperceptible agents of nature, the most sensitive are the nerves, especially when exceptional influences increase their sensibility. . . . The singular phenomena which result from this extreme nervous sensitiveness of certain individuals, have given birth to diverse opinions as to the existence of a new agent, which has been named animal magnetism. . . . We are so far from knowing all the agents of nature and their various modes of action that it would be hardly philosophical to deny the phenomena, simply because they are inexplicable, in the actual state of our information. It is simply our duty to examine them with an attention as much more scrupulous as it seems difficult to admit them."

The experiments of Mesmer were vastly improved upon by the Marquis de Puységur,^{386a} who entirely dispensed with apparatus and effected

386a. *Magnétisme animal, etc.*: Paris, 1804-7.

remarkable cures among the tenants of his estate at Busancy. These being given to the public, many other educated men experimented with like success, and in 1825 M. Foissac proposed to the Academy of Medicine to institute a new inquiry. A special committee, consisting of Adelon, Parisey, Marc, Burdin sr., with Husson as reporter, united in a recommendation that the suggestion should be adopted. They make the manly avowal that "in science no decision whatever is absolute and irrevocable," and afford us the means to estimate the value which should be attached to the conclusions of the Franklin Committee of 1784, by saying that "the experiments on which this judgment was founded appeared to have been conducted without the simultaneous and necessary assembling together of all the commissioners, and *also with moral predispositions*, which, according to the principles of the fact which they were appointed to examine, *must cause their complete failure.*"

What they say concerning magnetism as a secret remedy, has been said many times by the most respected writers upon modern Spiritualism, namely: "It is the duty of the Academy to study it, to test its efficacy, and finally to take away the use and practice of it from persons quite strangers to the art, who abuse this means and make it an object of lucre and speculation."

This report provoked long debates, but in May, 1826, the Academy appointed a Commission which comprised the following illustrious names: Leroux, Bourdois de la Motte, Double, Magendie, Guersant, Husson, Thillaye, Marc, Itard, Fouquier, and Guénau de Mussy. They began their labors immediately, and continued them for five years, communicating to the Academy through Monsieur Husson the results of their observations. The report embraces accounts of phenomena classified under thirty-four different paragraphs, but as this work is not specially devoted to the science of magnetism, we must be content with a few brief extracts. They assert that neither contact of the hands, friction, nor passes are invariably needed, since on several occasions mere will-power and a concentrated gaze have sufficed to produce magnetic phenomena, even without the knowledge of the magnetized. "Well-attested therapeutical phenomena" depend on magnetism alone, and cannot be produced without it. The state of somnambulism exists and "occasions the development of new faculties, which have received the denominations of *clairvoyance*, intuition, internal prevision." Sleep (the magnetic) has "been induced under circumstances where those magnetized could not see, and were entirely ignorant of the means employed to occasion it." The magnetizer, having once controlled his subject, may "put him completely into somnambulism, take him out of it without his knowledge, out of his sight, at a certain distance, and through closed doors." The external senses of the

sleepers seem to be completely paralysed, and a duplicate set to be brought into action. "Most of the time they are completely insensitive to external unexpected noises made in their ears, such as the sound of copper vessels forcibly struck, the fall of heavy objects, and so forth. . . . One may make them respire hydrochloric acid or ammonia without inconvenience, or without even a suspicion on their part." The Committee could "tickle their feet, nostrils, and the angles of the eyes by the approach of a feather, pinch their skin so as to produce ecchymosis, prick it under the nails with pins plunged to a considerable depth, without any apparent evidence of pain, or the least sign of being aware of it at all. In a word, we have seen one person who was insensible to one of the most painful operations of surgery, and whose countenance, pulse, or respiration did not indicate the slightest emotion."

So much for the external senses; now let us see what they have to say about the internal ones, which may fairly be considered as proving a marked difference between man and a mutton-protoplasm. "While they are in this state of somnambulism," says the Committee, "the magnetized persons we have observed, retain the exercise of the faculties which they have whilst awake. Their memory even appears to be more faithful and more extensive. . . . We have seen two somnambulists distinguish, with their eyes shut, the objects placed before them; they have told, without touching them, the color and value of the cards; they have read words traced with the hand, or some lines of books opened by mere chance. This phenomenon took place even when the eyelids were absolutely closed by means of the fingers. We met, in two somnambulists, the power of foreseeing more or less complicated acts of the organism. One of them announced several days, nay, several months beforehand, the day, the hour, and the minute when epileptic fits would come on and return; the other declared the time of the cure. Their previsions were realized with remarkable exactness."

The Commission says that "it has collected and communicated facts sufficiently important to induce it to think that the Academy should encourage the researches on magnetism as a very curious branch of psychology and natural history." The Committee concludes by saying that the facts *are so extraordinary* that it scarcely imagines that the Academy will concede their reality, but protests that it has been animated throughout by motives of a lofty character, by "the love of science, and by the necessity of justifying the hopes which the Academy had entertained of our zeal and our devotion."

Their fears were fully justified by the conduct of at least one member of their own number, who had absented himself from the experiments, and, as M. Husson tells us, "did not deem it right to sign the report."

This was Magendie the physiologist who, despite the fact stated by the official report that he had not "been present at the experiments," did not hesitate to devote four pages of his famous *Précis élémentaire de physiologie* to the subject of mesmerism, and after summarizing its alleged phenomena, without endorsing them as unreservedly as the erudition and scientific acquirements of his fellow-committeemen would seem to have exacted, says: "Self-respect and the dignity of the profession demand circumspection on these points. He [the well-informed physician] will remember how readily mystery glides into charlatanry, and how apt the profession is to become degraded even by its semblance when countenanced by respectable practitioners." No word in the context lets his readers into the secret that he had been duly appointed by the Academy to serve on the Commission of 1826; had absented himself from its sittings; had so failed to learn the truth about mesmeric phenomena, and was now pronouncing judgment *ex parte*. "Self-respect and the dignity of the profession" probably exacted silence!

Thirty-eight years later, an English scientist, whose specialty is the investigation of physics, and whose reputation is even greater than that of Magendie, stooped to a course of conduct equally unfair. When the opportunity offered to investigate the spiritualistic phenomena, and aid in taking it out of the hands of ignorant or dishonest investigators, Professor John Tyndall avoided the subject; but in his *Fragments of Science* he was guilty of the ungentlemanly expressions which we have quoted in another place.

But we are wrong; he made one attempt, and that sufficed. He tells us, in the *Fragments*, that he once got under a table to see how the raps were made, and arose with a despair for humanity such as he never felt before! Israel Putnam, crawling on hand and knee to kill the she-wolf in her den, partially affords a parallel by which to estimate the chemist's courage in groping in the dark after the ugly truth; but Putnam killed his wolf, and Tyndall was devoured by his! *Sub mensa desperatio* should be the motto on his shield.

Speaking of the report of the Committee of 1824, Dr. Alphonse Teste, a distinguished contemporaneous scientist, says that it produced a great impression on the Academy, but few convictions: "No one could question the veracity of the commissioners, whose good faith as well as great knowledge were undeniable, but they were suspected of having been dupes. In fact, *there are certain unfortunate truths which compromise those who believe in them, and those especially who are so candid as to avow them publicly.*" How true this is, let the records of history, from the earliest times to this very day, attest. When Professor Robert Hare announced the preliminary results of his spiritualistic investigations, he,

albeit one of the most eminent chemists and physicists in the world, was nevertheless regarded as a dupe. When he proved that he was not, he was charged with having fallen into his dotage, the Harvard professors denouncing "his insane adherence to the gigantic humbug."

When the Professor began his investigations in 1853, he announced that he "felt called upon, as an act of duty to his fellow-creatures, to bring whatever influence he possessed to the attempt to stem the tide of popular madness, which, in defiance of reason and science, was fast setting in favor of the *gross delusion* called Spiritualism." Though, according to his declaration, he "entirely coincided with Faraday's theory of table-turning," he had the true greatness which characterizes the princes of science to make his investigation thorough, and then tell the truth. How he was rewarded by his life-long associates, let his own words tell. In an address delivered in New York in September, 1854, he says that "he had been engaged in scientific pursuits for upwards of half a century, and his accuracy and precision had never been questioned, until he had become a spiritualist; while his integrity as a man had never in his life been assailed, until the Harvard professors fulminated their report against that which *he knew* to be true, and which they *did not know* to be false."

How much mournful pathos is expressed in these few words! An old man of seventy-six, a scientist of half a century, deserted for telling the truth! And now Mr. A. R. Wallace, who had previously been esteemed among the most illustrious of British scientists, having proclaimed his belief in spiritualism and mesmerism, is spoken of in terms of compassion. Professor Nicholas Wagner, of St. Petersburg, whose reputation as a zoölogist is one of the most conspicuous, in his turn pays the penalty of his exceptional candor, in his outrageous treatment by the Russian scientists!

There are scientists and *scientists*; and if the occult sciences suffer in the instance of modern spiritualism from the malice of one class, nevertheless they have had their defenders at all times among men whose names have shed luster upon science itself. In the first rank stands Isaac Newton, "the light of science," who was a thorough believer in magnetism as taught by Paracelsus, Van Helmont, and by the fire-philosophers in general. No one will presume to deny that his doctrine of universal space and attraction is purely a theory of magnetism. If his own words mean anything at all, they mean that he based all his speculations upon the 'soul of the world,' the great universal, magnetic agent, which he called the *divine sensorium*.³⁸⁷ "Here," he says, "the

387. *Fundamental Principles of Natural Philosophy.*

question is of a very subtle spirit which penetrates through all, even the hardest bodies, and which is concealed in their substance. Through the strength and activity of this spirit, bodies attract each other, and adhere together when brought into contact. Through it, electrical bodies operate at the remotest distance, as well as near at hand, attracting and repelling; through this spirit the light also flows, and is refracted and reflected, and warms bodies. All the senses are excited by this spirit, and through it the animals move their limbs. But these things cannot be explained in few words, and we have not yet sufficient experience to determine fully the laws by which this universal spirit operates."

There are two kinds of magnetization; the first is purely *animal*, the other transcendent, both depending on the will and knowledge of the mesmerizer, as well as on the degree of spirituality of the subject, and his capacity to receive the impressions of the astral light. And here it may be observed that clairvoyance depends a great deal more on the former than on the latter. To the power of an adept like Du Potet, the most *positive* subject will have to submit. If his sight is ably directed by the mesmerizer, magician, or spirit, the light must yield up its most secret records to his scrutiny; for if it is a book which is ever closed to those "who see and do not perceive," on the other hand it is ever opened for one who *wills* to see it opened. It keeps an unmutated record of all that was, that is, or ever will be. The minutest acts of our lives are imprinted on it, and even our thoughts rest photographed on its eternal tablets. It is the book which we see opened by the angel in the *Revelation*, "which is the Book of life, and out of which the dead are judged according to their works." It is, in short, the MEMORY of GOD!

"The oracles assert that the impression of thoughts, characters, men, and other divine visions, appears in the aether. . . . In this the things without figure are figured," says an ancient fragment of the *Chaldaean Oracles of Zoroaster*.³⁸⁸

Thus ancient as well as modern wisdom, vaticination and science, agree in corroborating the claims of the kabalists. It is on the indestructible tablets of the astral light that the impression of every thought we think, and every action we perform is stamped; and on which future events — effects of long-forgotten causes — are already delineated as a vivid picture for the eye of the seer and prophet to follow. Memory — the despair of the materialist, the enigma of the psychologist, the sphinx of science — is to the student of old philosophies merely a name to express that power which man unconsciously exerts, and shares with

388. Simplicius: *Physica*, 143-4; cf. Cory: *Anct. Frag.*, p. 263 (edition 1832).

many of the lower animals — to look with inner sight into the astral light, and there behold the images of past sensations and incidents. Instead of searching the cerebral ganglia for "micrographs of the living and the dead, of scenes that we have visited, of incidents in which we have borne a part," ³⁸⁹ the kabalists went to the vast repository where the records of every man's life as well as every pulsation of the visible cosmos are stored up for all Eternity!

That flash of memory which is traditionally supposed to show a drowning man every long-forgotten scene of his mortal life — as the landscape is revealed to the traveler by intermittent flashes of lightning — is simply the sudden glimpse which the struggling soul gets into the silent galleries where its history is depicted in imperishable colors.

The well-known fact — corroborated by the personal experience of nine persons out of ten — that we often recognise as familiar to us scenes and landscapes and conversations which we see or hear for the first time, and sometimes in countries never visited before, is a result of the same causes. Believers in reincarnation adduce this as an additional proof of our antecedent existence in other bodies. This recognition of men, countries and things that we have never seen, is attributed by them to flashes of soul-memory of anterior experiences. But the men of old, in common with medieval philosophers, firmly held to a contrary opinion.

They affirmed that though this psychological phenomenon was one of the most plausible arguments in favor of immortality and the pre-existence of the soul, yet the latter being endowed with an individual memory apart from that of our physical brain, it is no proof of reincarnation. As Éliphas Lévi beautifully expresses it, "nature shuts the door after everything that passes, and pushes life onward" in more perfected forms. The chrysalis becomes a butterfly; the latter can never become again a grub. In the stillness of the night-hours, when our bodily senses are fast locked in the fetters of sleep, and our elementary body rests, the astral form becomes free. It then *oozes* out of its earthly prison, and as Paracelsus has it — "confabulates with the outward world," and travels round the visible as well as the invisible worlds. "In sleep," he says, "the astral body (soul) is in freer motion; then it soars to its parents, and holds converse with the stars." Dreams, forebodings, prescience, prognostications and presentiments are impressions left by our astral spirit on our brain, which receives them more or less distinctly, according to the proportion of blood with which it is supplied during the hours of sleep. The more the body is exhausted, the freer is the spiritual man, and the more vivid the impressions of our soul's memory. In heavy and robust sleep, dreamless and uninterrupted, men may sometimes remember nothing upon awaken-

389. Draper: *Conflict between Religion and Science*, ch. v, p. 134.

ing to outward consciousness. But the impressions of scenes and landscapes which the astral body saw in its peregrinations are still there, though lying latent under the pressure of matter. They may be awakened at any moment, and then, during such flashes of man's inner memory, there is an instantaneous interchange of energies between the visible and the invisible universes. Between the 'micrographs' of the cerebral ganglia and the photo-scenographic galleries of the astral light, a current is established. And a man who knows that he has never visited in body, nor seen the landscape and person that he recognises, may well assert that nevertheless he has seen and knows them, for the acquaintance was formed while traveling in 'spirit.' To this the physiologists can have but one objection. They will answer that in natural sleep, perfect and deep, "half of our nature which is volitional is in the condition of inertia"; hence unable to travel; the more so as the existence of any such individual astral body or soul is considered by them little else than a poetical myth. Blumenbach^{389a} assures us that in the state of sleep, all intercourse between mind and body is suspended; an assertion which is denied by Dr. B. W. Richardson, F. R. S., who honestly reminds the German scientist that "the precise limits and connexions of mind and body being unknown," it is more than should be said. This confession, added to those of the French physiologist, Fournié, and the still more recent one of Dr. Allchin, an eminent London physician, who frankly avowed in an address to students that "of all scientific pursuits which practically concern the community, there is none perhaps which rests upon so uncertain and insecure a basis as medicine," gives us a certain right to offset the hypotheses of ancient scientists against those of the modern ones.

No man, however gross and material he may be, can avoid leading a double existence; one in the visible universe, the other in the invisible. The life-principle which animates his physical frame is chiefly in the astral body; and while the more animal portions of him rest, the more spiritual ones know neither limits nor obstacles. We are perfectly aware that many of the learned, as well as the unlearned, will object to such a novel theory of the distribution of the life-principle. They would prefer remaining in blissful ignorance and go on confessing that no one knows or can pretend to tell whence and whither this mysterious agent appears and disappears, rather than give one moment's attention to what they consider old and 'exploded' theories. Some might object on the ground taken by theology, that dumb brutes have no immortal souls, and hence can have no astral spirits; for *theologians as well as laymen labor under the erroneous impression that soul and spirit are one and the same thing.*

389a. *Institutiones physiologicae*: London, 1807.

But if we study Plato and other philosophers of old, we may readily perceive that while the 'irrational soul,' by which Plato meant our astral body, or the more ethereal representation of ourselves, can have at best only a more or less prolonged continuity of existence beyond the grave, the divine spirit — wrongly termed *soul*, by the Church — is immortal by its very essence. (Any Hebrew scholar will readily appreciate the distinction who comprehends the difference between the two words נִפְשׁ *rua'h* and נְפֶשֶׁת *nepesh*.) If the life-principle is something apart from the astral spirit and in no way connected with it, why is it that the intensity of the clairvoyant powers depends so much on the bodily prostration of the subject? The deeper the trance, the less signs of life the body shows, the clearer become the spiritual perceptions, and the more powerful are the soul's visions. The soul, disburdened of the bodily senses, shows activity of power in a far greater degree of intensity than it can in a strong, healthy body. Brierre de Boismont gives repeated instances of this fact.³⁹⁰ The organs of sight, smell, taste, touch, and hearing are proved to become far more acute in a mesmerized subject deprived of the possibility of exercising them bodily, than while he uses them in his normal state.

Such facts alone, once proved, ought to stand as invincible demonstrations of the continuity of individual life, at least for a certain period after the body has been left by us, either by reason of its being worn out or by accident. But though during its brief sojourn on earth our soul may be assimilated to a light hidden under a bushel, it still shines more or less brightly and attracts to itself the influences of kindred spirits; and when a thought of good or evil import is begotten in our brain, it draws to it *impulses* of like nature as irresistibly as the magnet attracts iron filings. This attraction is also proportionate to the intensity with which the thought-impulse makes itself felt in the ether; and so it will be understood how one man may impress himself upon his own epoch so forcibly that the influence may be carried — through the ever-interchanging currents of energy between the two worlds, the visible and the invisible — from one succeeding age to another, until it affects a large portion of mankind.

How much the authors of the famous work entitled *The Unseen Universe* may have allowed themselves to think in this direction, it would be difficult to say; but that they have not told *all* they might, will be inferred from the following quotation:³⁹¹

"Regard it as you please, there can be no doubt that the properties of the ether are of a much higher order in the arcana of nature *than those of*

390. *Hallucinations*, pp. 244, 257: Philadelphia, 1853.

391. B. Stewart and P. G. Tait: *The Unseen Universe*, ch. iv, § 148: London, 1894.

tangible matter. And, as even the high-priests of science still find the latter far beyond their comprehension, except in numerous but minute and often isolated particulars, it would not become us to speculate further. It is sufficient for our purpose to know from what the ether certainly does, that *it is capable of vastly more than anyone has yet ventured to guess.*"

One of the most interesting discoveries of modern times is that of the faculty which enables a certain class of sensitive persons to receive from any object held in the hand or against the forehead impressions of the character or appearance of the individual, or of any other object with which it has previously been in contact. Thus a manuscript, painting, article of clothing or jewelry — no matter how ancient — conveys to the sensitive a vivid picture of the writer, painter or wearer; even though he lived in the days of Ptolemy or Enoch. Nay more; a fragment of an ancient building will recall its history and even the scenes which took place within or about it. A bit of ore will carry the soul-vision back to the time when it was in process of formation. This faculty is called by its discoverer — Professor J. R. Buchanan, of Louisville, Kentucky — *psychometry*. To him the world is indebted for this most important addition to Psychological Sciences; and to him, perhaps, when skepticism is found felled to the ground by such an accumulation of facts, posterity will have to elevate a statue. In announcing to the public his great discovery Professor Buchanan, confining himself to the power of psychometry to delineate human character, says: "The mental and physiological influence imparted to writing appears to be imperishable, as the oldest specimens I have investigated gave their impressions with a distinctness and force little impaired by time. Old manuscripts, requiring an antiquary to decipher their strange old penmanship, were easily interpreted by the psychometric power. . . . The property of retaining the impress of mind is not limited to writing. Drawings, paintings, everything upon which human contact, thought, and volition have been expended, may become linked with that thought and life, so as to recall them to the mind of another when in contact."

Without perhaps really knowing, at the early time of the grand discovery, the significance of his own prophetic words, the Professor adds: "This discovery, in its application to the arts and to history, will open a mine of interesting knowledge."³⁹²

The existence of this faculty was first experimentally demonstrated in 1841. It has since been verified by a thousand psychometers in different parts of the world. It proves that every occurrence in nature — no matter how minute or unimportant — leaves its indelible impress upon

392. J. R. Buchanan, M. D.: *Outlines of Lectures on the Neurological System of Anthropology*: Cincinnati, 1854.

physical nature; and, as there has been no appreciable molecular disturbance, the only inference possible is that these images have been produced by that invisible, universal force — Aether or astral light.

In his charming work entitled *The Soul of Things*, Professor Denton the geologist³⁹³ enters at great length into a discussion of this subject. He gives a multitude of examples of the psychometrical power, which Mrs. Denton possesses in a marked degree. A fragment of Cicero's house at Tusculum enabled her to describe, without the slightest intimation as to the nature of the object placed on her forehead, not only the great orator's surroundings, but also the previous owner of the building, Cornelius Sulla Felix, or, as he is usually called, Sulla the Dictator. A fragment of marble from the ancient Christian Church of Smyrna, brought before her its congregation and officiating priests. Specimens from Nineveh, China, Jerusalem, Greece, Ararat and other places all over the world brought up scenes in the life of various personages, whose ashes had been scattered thousands of years ago. In many cases Professor Denton verified the statements by reference to historical records. More than this, a bit of the skeleton, or a fragment of the tooth of some antediluvian animal, caused the seeress to perceive the creature as it was when alive, and even live for a few brief moments its life, and experience its sensations. Before the eager quest of the psychometer the most hidden recesses of the domain of nature yield up their secrets; and the events of the most remote epochs rival in vividness of impression the flitting circumstances of yesterday.

Says the author, in the same work: "Not a leaf waves, not an insect crawls, not a ripple moves, but each motion is recorded by a 'thousand faithful scribes in infallible and indelible scripture. This is just as true of all past time. From the dawn of light upon this infant globe, when round its cradle the steamy curtains hung, to this moment, Nature has been busy photographing everything. What a picture-gallery is hers!"³⁹⁴

It appears to us the height of impossibility to imagine that scenes in ancient Thebes, or in some temple of prehistoric times should be photographed only upon the substance of certain atoms. The images of the events are imbedded in that all-permeating, universal, and ever-retaining medium, which the philosophers call the 'Soul of the World,' and Mr. Denton 'the Soul of Things.' The psychometer, by applying the fragment of a substance to his forehead, brings his *inner-self* into relations with the inner soul of the object he handles. It is now admitted that the universal aether pervades all things in nature, even the most solid. It is beginning to be admitted, also, that this preserves the images of all

393. Wm. and Elizabeth M. F. Denton: *The Soul of Things; or Psychometric Researches and Discoveries*: Boston, 1866.

394. *Ibid.*, p. 31.

things which happen. When the psychometer examines his specimen, he is brought in contact with the current of the astral light, connected with that specimen, and which retains pictures of the events associated with its history. These, according to Denton, pass before his vision with the swiftness of light; scene after scene crowding upon one another so rapidly that it is only by the supreme exercise of the will that he is able to hold any one in the field of vision long enough to describe it.

The psychometer is clairvoyant; that is, he sees with the inner eye. Unless his will-power is very strong, unless he has thoroughly trained himself to that particular phenomenon, and his knowledge of the capabilities of his sight is profound, his perceptions of places, persons and events must necessarily be very confused. But in the case of mesmerization, in which this same clairvoyant faculty is developed, the operator, whose will holds that of the subject under control, can force him to concentrate his attention upon a given picture long enough to observe all its minute details. Moreover, under the guidance of an experienced mesmerizer, the seer would excel the natural psychometer in having a prevision of future events, more distinct and clear than the latter. And to those who might object to the possibility of perceiving that which 'yet is not,' we may put the question: Why is it more impossible to see that which will be, than to bring back to sight that which is gone, and is no more? According to the kabalistic doctrine, the future exists in the astral light in embryo, as the present existed in embryo in the past. While man is free to act as he pleases, the manner in which he *will* act was foreknown from all time; not on the ground of fatalism or destiny, but simply on the principle of universal, unchangeable harmony, as in the same way it may be foreknown that when a musical note is struck, its vibrations will not and cannot change into those of another note. Besides, eternity can have neither past nor future, but only the present; as boundless space, in its strictly literal sense, can have neither distant nor proximate places. Our conceptions, limited to the narrow area of our experience, attempt to fit if not an end, at least a beginning of time and space; but neither of these exist in reality; for in such case time would not be eternal, nor space boundless. The past exists no more than the future, as we have said; only our memories survive; and our memories are but the glimpses that we catch of the reflexions of this past in the currents of the astral light, as the psychometer catches them from the astral emanations of the object held by him.

Says Professor E. Hitchcock, when speaking of the influence of light upon bodies, and the formation of pictures upon them by its means: "It seems, then, that this photographic influence pervades all nature, nor can we say where it stops. We do not know but that it may imprint upon

the world around us our features, as they are modified by various passions, and thus fill nature with daguerreotype impressions of all our actions; It may be, too, that there are processes by which nature more skilfully than any human photographer can bring out and fix these portraits, so that to senses *more acute* than ours they would appear as on a great canvas, spread over the material universe. *Perhaps*, too, they may never fade from that canvas, but become specimens in the great picture-gallery of eternity." ³⁹⁵

The "perhaps" of Professor Hitchcock is henceforth changed by the demonstration of psychometry into a triumphant certitude. Those who understand these psychological and clairvoyant faculties will take exception to Professor Hitchcock's idea that senses more acute than ours are needed to see these pictures upon his supposed cosmic canvas, and maintain that he should have confined his limitations to the external senses of the body. *The human spirit, being of the Divine, immortal Spirit, appreciates neither past nor future, but sees all things as in the present.* These daguerreotypes referred to in the above quotation are imprinted upon the astral light, where, as we said before — and according to the Hermetic teaching (the first portion of which is already accepted and demonstrated by science) — is kept the record of all that was, is, or ever will be.

Of late, some of our learned men have given particular attention to a subject hitherto branded with the mark of 'superstition.' They begin to speculate on hypothetical and invisible worlds. The authors of *The Unseen Universe* were the first boldly to take the lead, and already they find a follower in Professor Fiske, whose speculations are given in *The Unseen World*. Evidently the scientists are probing the insecure ground of materialism, and, feeling it trembling under their feet, are preparing for a less dishonorable surrender of arms in case of defeat. Jevons confirms Babbage, and both firmly believe that every thought, displacing the particles of the brain and setting them in motion, scatters them throughout the universe, and think that "each particle of the existing matter must be a register of all that has happened." ³⁹⁶ On the other hand, Dr. Thomas Young, in his lectures on natural philosophy, most positively invites us to "speculate with freedom on the possibility of independent worlds: some existing in different parts, others *pervading each other, unseen and unknown*, in the same space, and others again to which space may not be a necessary mode of existence." ^{396a}

If scientists, proceeding from a strictly scientific point of view — such as the possibility of energy being transferred into the invisible universe —

395. E. Hitchcock: *The Religion of Geology and its Connected Sciences*: 1851.

396. W. S. Jevons: *Principles of Science*, II, p. 455: London, 1874.

396a. Cf. *The Unseen Universe*, p. 202: ed. 1894.

and on the principle of continuity, indulge in such speculations, why should occultists and spiritualists be refused the same privilege? Ganglionic impressions on the surface of polished metal are registered and may be preserved for an indefinite space of time, according to science; and Professor Draper illustrates the fact most poetically. "A shadow," says he, "never falls upon a wall without leaving thereupon a permanent trace, a trace which might be made visible by resorting to proper processes. . . . The portraits of our friends, or landscape views, may be hidden on the sensitive surface from the eye, but they are ready to make their appearance, as soon as proper developers are resorted to. A specter is concealed on a silver or glassy surface until by our necromancy we make it come forth into the visible world. Upon the walls of our most private apartments, where we think the eye of intrusion is altogether shut out, and our retirement can never be profaned, there exist the vestiges of all our acts, silhouettes of whatever we have done."³⁹⁷

If an indelible impression on inorganic matter may be thus obtained, and if nothing is lost or passes completely out of existence in the universe, why such a scientific levée of arms against the authors of *The Unseen Universe*? And on what ground can be rejected the hypothesis that "*Thought, conceived to affect the matter of another universe simultaneously with this, may explain a future state*"?³⁹⁸

In our opinion, if psychometry is one of the grandest proofs of the indestructibility of matter, thus seen to retain eternally the impressions of the outward world, the possession of that faculty by our inner sight is a still greater one in favor of the immortality of man's individual spirit. For if the latter be capable of discerning events which took place hundreds of thousands of years ago, why should not the same faculty be utilized in regard to a future lost in the eternity, in which there can be neither past nor future, but only one boundless present?

Notwithstanding the confessions of stupendous ignorance in some departments, made by the scientists themselves, they still deny the existence of that mysterious spiritual force which lies beyond the grasp of ordinary physical laws. They still hope to be able to apply to living beings the same laws which they have found to answer in reference to dead matter. And having discovered what the kabalists term 'the gross purgations' of Ether — light, heat, electricity, and motion — they have rejoiced over their good fortune, counted its vibrations in producing the colors of the spectrum; and, proud of their achievements, refuse to see any further. Several men of science have pondered more or less over its protean essence, and unable to measure it with their photometers, called

397. J. W. Draper: *Conflict between Religion and Science*, ch. v. pp. 132, 133.

398. *The Unseen Universe*, ch. vii, § 199: London, 1894.

it "a *hypothetical* medium of great elasticity and extreme tenuity, *supposed* to pervade all space, the interior of solid bodies not excepted"; and, "to be the medium of transmission of light and heat" (dictionary). Others, whom we will name 'the will-o'-the-wisps' of science — her pseudo-sons — examined it also, and even went to the trouble of scrutinizing it "through powerful glasses," they tell us. But perceiving neither spirits nor ghosts in it, and failing equally to discover in its treacherous waves anything of a more scientific character, they turned round and called all believers in immortality in general, and spiritualists in particular, "insane fools" and "visionary lunatics";³⁹⁹ the whole, in doleful accents, perfectly appropriate to the circumstance of such a sad failure.

Say the authors of *The Unseen Universe*:

"We have driven the operation of that mystery called *Life* out of the objective universe. The mistake made lies in imagining that by this process they completely get rid of a thing so driven before them, and that it disappears from the universe altogether. It does no such thing. It only disappears from that *small circle* of light which we may call the universe of *scientific perception*. Call it the trinity of mystery: mystery of matter, the mystery of life and — the mystery of God — and these three are *One*."

Taking the ground that "the visible universe must *certainly, in transformable energy, and probably in matter*, come to an end," and "the principle of continuity . . . still demanding a continuance of the universe . . ." the authors of this remarkable work find themselves forced to believe "that there is something *beyond* that which is visible . . . and that the visible system is not the whole universe but only, it may be, a very small part of it." Furthermore, looking backward as well as forward to the origin of this visible universe, the authors urge that "if the visible universe be *all* that exists, then the first abrupt manifestation of it is as truly a break of continuity as its final overthrow."⁴⁰⁰ Therefore, as such a break is against the accepted law of continuity, the authors come to the following conclusion:

"Now, is it not natural to imagine that a universe of this nature, *which we have reason to think exists*, and is connected by bonds of energy with the visible universe, is also capable of receiving energy from it? . . . May we not regard Ether, or the medium, as not merely a bridge⁴⁰¹ be-

399. F. R. Marvin: *Lectures on Mediomania, etc.*

400. *The Unseen Universe*, § 84, *sq.*, in earlier editions.

401. Behold! great scientists of the nineteenth century corroborating the wisdom of the Scandinavian fable cited in the preceding chapter. Several thousand years ago the idea of a bridge between the visible and the invisible universes was allegorized by ignorant 'heathen,' in the 'Edda-Song of Völuspá,' 'The Vision of Vala, the Seeress.' For what is this bridge of *Bifröst*, the radiant rainbow, which leads the gods to their

tween one order of things and another, forming as it were a species of cement, in virtue of which the various orders of the universe are welded together and made into one? In fine, what we generally called Ether may be not a mere medium, but a medium *plus* the invisible order of things, so that when the motions of the visible universe are transferred into Ether, part of them are conveyed as by a *bridge* into the invisible universe, and are there made use of and stored up. Nay, is it even necessary to retain the conception of a bridge? May we not at once say that when energy is carried from matter into Ether, it is carried from the visible into the invisible; and that when it is carried from Ether to matter, it is carried from the invisible into the visible?" ⁴⁰³

Precisely; and were Science to take a few more steps in that direction and fathom more seriously the "hypothetical medium," who knows but that Tyndall's impassable chasm between the physical processes of the brain and *consciousness* might be—at least intellectually — passed with surprising ease and safety.

So far back as 1856 a man considered a savant in his days — Dr. Jobard of Paris — had certainly the same ideas on ether as the authors of *The Unseen Universe*, when he startled the press and the world of science by the following declaration: "I hold a discovery which frightens me. There are two kinds of electricity; one, brute and blind, is produced by the contact of metals and acids"; (the gross purgation) . . . "the other is intelligent and *CLAIRVOYANT!* . . . Electricity has bifurcated itself in the hands of Galvani, Nobili, and Matteucci. The brute force of the current has followed Jacobi, Bonelli, and Moncal, while the intellectual one was following Bois-Robert, Thilorier, and the Chevalier Duplanty. The electric ball or globular electricity contains a thought which disobeys Newton and Mariotte to follow its own freaks. . . . We have, in the annals of the Academy, thousands of proofs of the INTELLIGENCE of the electric bolt. . . . But I remark that I am permitting myself to become indiscreet. A little more and *I should have disclosed* to you the key which is about to discover to us the universal spirit." ⁴⁰⁴

The foregoing, added to the wonderful confessions of science and what we have just quoted from *The Unseen Universe*, throws an additional luster on the wisdom of the long-departed ages. In one of the preceding chapters ⁴⁰⁴ we have alluded to a quotation from Cory's translation of *Ancient Fragments*, in which it appears that one of the *Chaldaean Oracles* expresses this self-same idea about ether, and in language singularly like that of the authors of *The Unseen Universe*. It states that from aether

rendezvous, near the Urdar-fountain, but the same idea as that which is offered to the thoughtful student by the authors of *The Unseen Universe?*

402. *Op. cit.*, § 198, earlier editions.

403. *L'Ami des Sciences*, p. 67: March 2, 1856.

404. P. 56.

have come all things, and to it all will return; that the images of all things are indelibly impressed upon it; and that it is the store-house of the germs or of the remains of all visible forms, and even of ideas. It appears as if this case strangely corroborates our assertion that whatever discoveries may be made in our days will be found to have been anticipated by many thousand years by our 'simple-minded ancestors.'

At the point at which we have now arrived, the attitude assumed by the materialists toward psychical phenomena being perfectly defined, we may assert with safety that were this key lying loose on the threshold of the "chasm" not one of our Tyndalls would stoop to pick it up.

How timid these tentative efforts to solve the GREAT MYSTERY of the universal ether would appear to some kabalists! Although so far in advance of anything propounded by contemporary philosophers, what the intelligent explorers of *The Unseen Universe* speculate upon, was to the masters of Hermetic philosophy familiar science. To them ether was not merely a bridge connecting the seen and unseen sides of the universe, but across its span their daring feet had followed the road that led through the mysterious gates which modern speculators either will not or *cannot* unlock.

The deeper the research of the modern explorer, the more often does he come face to face with the discoveries of the ancients. Does Élie de Beaumont,^{404a} the great French geologist, venture a hint upon the terrestrial circulation, in relation to some elements in the earth's crust — he finds himself anticipated by the old philosophers. Do we demand of distinguished technologists what are the most recent discoveries in regard to the origin of the metalliferous deposits? We hear one of them, Professor Sterry Hunt, in showing us how water is a *universal solvent*, enunciating the doctrine held and taught by the old Thales, more than two dozen centuries ago, that water was the principle of all things. We listen to the same professor, with De Beaumont as authority, expounding the terrestrial circulation, and the chemical and physical phenomena of the material world. While we read with pleasure that he is "not prepared to concede that we have in chemical and physical processes *the whole secret of organic life*," we note with a still greater delight the following honest confession on his part: "Still we are, in many respects, approximating the phenomena of the organic world to those of the mineral kingdom; and we at the same time learn that these so far interact and depend upon each other that *we begin to see a certain truth* underlying the notion of those old philosophers, who extended to the mineral world the notion of a vital force, which led them to speak of the earth as a great *living organism*, and to look upon the various changes of its air, its waters,

404a. *Recherches sur quelques-unes des révolutions de la surface du globe*: 1830.

and its rocky depths, as processes belonging to the life of our planet."

Everything in this world must have a beginning. Things have latterly gone so far with scientists in the matter of prejudice that it is quite a wonder that even so much as this should be conceded to ancient philosophy. The poor, honest primordial elements have long been exiled, and our ambitious men of science have run races to determine who shall add one more to the fledgling brood of the sixty-three or more elementary substances. Meanwhile there rages a war in modern chemistry about terms. We are denied the right to call these substances 'chemical elements,' for they are not "primordial principles or self-existing essences out of which the universe was fashioned."⁴⁰⁵ Such ideas associated with the word *element* were good enough for the 'old Greek philosophy,' but modern science rejects them; for, as Professor Cooke says, "they are unfortunate terms," and experimental science will have "nothing to do with any kind of essences except those which it can see, smell, or taste." It must have those that can be put in the eye, the nose, or the mouth! It leaves others to the metaphysicians.

Therefore, when Van Helmont tells us that, "though a homogeneous part of elementary earth may be artfully [artificially] converted into water"—though he still denies "that the same can be done by nature alone, for no natural agent is able to transmute one element into another," offering as a reason that the elements always remain the same—we must believe him, if not quite an ignoramus, at least an unprogressed disciple of the mouldy 'old Greek philosophy.' Living and dying in blissful ignorance of the future sixty-three *substances*, what could either he or his old master, Paracelsus, achieve? Nothing, of course, but *metaphysical* and crazy speculations, clothed in a meaningless jargon common to all medieval and ancient alchemists. Nevertheless in comparing notes we find in the latest of all works upon modern chemistry the following: "The study of chemistry has revealed a remarkable class of substances, from no one of which a second substance has ever been produced, by any chemical process, which weighs less than the original substance. . . . By no chemical process whatever can we obtain from iron a substance weighing less than the metal used in its production. In a word, we can *extract* from iron nothing but iron."⁴⁰⁶ Moreover it appears, according to Professor Cooke, that "*seventy-five years ago* men did not know there was any difference" between elementary and compound substances, for in old times alchemists *had never conceived* "that *weight is the measure of material*, and that, as thus measured, no material is ever lost; but, on the contrary, they imagined that in such experiments as these the substances

405. J. P. Cooke: *The New Chemistry*, pp. 127-8.

406. *Ibid.*, pp. 124-7.

involved underwent a *mysterious transformation*. . . . Centuries," in short, "were wasted in vain attempts to transform the baser metals into gold." ⁴⁰⁷

Is Professor Cooke, so eminent in modern chemistry, equally conversant with what the alchemists did or did not know? Is he quite sure that he understands the meaning of the alchemical diction? We are not. But let us simply compare his views as expressed above with sentences written in plain and good, albeit old English, from the translations of Van Helmont and Paracelsus. We learn from their own admissions that the *alkahest* induces the following changes:

"(1) The *alkahest* never destroys the *seminal virtues* of the bodies thereby dissolved: for instance, gold, by its action, is reduced to a *salt* of gold, antimony to a *salt of antimony*, etc., of the same seminal virtues, or characters with the original concrete. (2) The *subject exposed* to its operation is converted into its three principles, salt, sulphur, and mercury, and afterwards into salt alone, which then becomes volatile, and at length is wholly turned into clear water. (3) Whatever it dissolves may be rendered volatile by a sand-heat; and if, after volatilizing the solvent, it be distilled therefrom, the body is left pure, insipid water, but always *equal in quantity to its original self*." Further, we find Van Helmont the elder saying of this salt that it will dissolve the most intractable bodies into substances of the same seminal virtues, "*equal in weight to the matter dissolved*"; and he adds, "This salt, by being several times cohobated with Paracelsus' *sal circulatum*, loses all its fixedness, and at length becomes an insipid water, *equal in quantity* to the salt it was made from." ⁴⁰⁸

The objection that might be made by Professor Cooke, on behalf of modern science, to the Hermetic expressions, would equally apply to the Egyptian hieratic writings — they hide that which was meant to be concealed. If he would profit by the labors of the past, he must employ the cryptographer, and not the satirist. Paracelsus, like the rest, exhausted his ingenuity in transpositions of letters and abbreviations of words and sentences. For example, when he wrote *sutratur* he meant tartar, and *mutrin* meant nitrum, and so on. There was no end to the pretended explanations of the meaning of the *alkahest*. Some imagined that it was an alkaline of salt of tartar salatilized; others that it meant *allgeist*, a German word which means all-spirit, or spirituous. Paracelsus usually termed salt "the center of water wherein metals ought to die." This gave rise to the most absurd suppositions, and some persons — such as Glauber — thought that the *alkahest* was the spirit of salt. It requires no little

⁴⁰⁷ *Ibid.*, p. 121.

⁴⁰⁸ J. B. van Helmont: *Ortus medicinas — Elementa*, § 11; *Elementalium figmentum*; *Arcana Paracelsi*, etc. Cf. also Werdenfeldt: *De secretis adeptorum*; Eugenius Philalethes, etc.

hardihood to assert that Paracelsus and his colleagues were ignorant of the natures of elementary and compound substances; they may not be called by the same names as are now in fashion, but that they were known is proved by the results attained. What matters it by what name the gas given off when iron is dissolved in sulphuric acid was called by Paracelsus, since he is recognised, even by our standard authorities, as the discoverer of *hydrogen*?⁴⁰⁹ His merit is the same; and though Van Helmont may have concealed, under the name "seminal virtues," his knowledge of the fact that elementary substances have their original properties, which the entering into compounds only temporarily modifies — never destroys, — he was none the less the greatest chemist of his age, and the peer of modern scientists. He affirmed that the *aurum potabile* could be obtained with the *alkahest*, by converting the whole body of gold into salt, retaining its seminal virtues and being soluble in water. When chemists learn what he meant by *aurum potabile*, *alkahest*, salt, and seminal virtues — what he really meant, not what he said he meant, nor what was thought he meant — then, and not before, can our chemists safely assume such airs toward the fire-philosophers and those ancient masters whose mystic teachings they reverently studied. One thing is clear at any rate. Taken merely in its exoteric form, this language of Van Helmont shows that he understood the solubility of metallic substances in water, which Sterry Hunt makes the basis of his theory of metalliferous deposits. We should like to see what sort of terms would be invented by our scientific contemporaries to conceal and yet half-reveal their audacious proposition that man's "only God is the cineritious matter of his brain," if in the basement of the new Court House or the cathedral on Fifth Avenue there were a torture-chamber, to which judge or cardinal could send them at will.

Professor Sterry Hunt says in one of his lectures:⁴¹⁰ "The alchemists sought in vain for a universal solvent; but we now know that water, aided in some cases by heat, pressure, and the presence of certain widely-distributed substances, such as carbonic acid and alkaline carbonates and sulphides, will dissolve the most insoluble bodies; so that it may, after all, be looked upon as the long-sought-for *alkahest* or universal menstruum."

This reads almost like a paraphrase of Van Helmont, or Paracelsus himself! They knew the properties of water as a solvent as well as modern chemists, and what is more, made no concealment of the fact; which shows that this was not *their* universal solvent. Many commentaries and criticisms of their works are still extant, and one can hardly

409. E. L. Youmans: *A Class-Book of Chemistry*, p. 107: New York, 1889; and W. B. Kemshead, F. R. A. S.: *Inorganic Chemistry*.

410. *On the Origin of Metalliferous Deposits*.

take up a book on the subject without finding at least one of their speculations of which they never thought of making a mystery. This is what we find in an old work on alchemists — a satire, moreover — of 1820, written at the beginning of our century when the new theories on the chemical potency of water were hardly in their embryonic state.

"It may throw some light to observe that Van Helmont, as well as Paracelsus, *took water for the universal instrument* [agent?] of *chymistry* and natural philosophy; and earth for the unchangeable basis of all things — that fire was assigned as the sufficient cause of all things — that seminal impressions were lodged in the mechanism of the earth — that water, by dissolving and fermenting with this earth, as it does by means of fire, brings forth everything; whence originally proceeded the animal, vegetable, and mineral kingdoms." ⁴¹¹

The alchemists understand well this universal potency of water. In the works of Paracelsus, Van Helmont, Philalethes, Trithemius, and even Robert Boyle, "the great characteristic of the *alkahest*," "to dissolve and change all sublunary bodies — *water alone excepted*," is explicitly stated. And is it possible to believe that Van Helmont, whose private character was unimpeachable, and whose great learning was universally recognised, should most solemnly declare himself possessed of the secret, were it but a vain boast! ⁴¹²

In a recent address at Nashville, Tennessee, Professor Huxley laid down a certain rule with respect to the validity of human testimony as a basis of history and science, which we are quite ready to apply to the present case. "It is impossible," he says, "that one's practical life should not be more or less influenced by the views which we may hold as to what has been the past history of things. One of them is *human testimony* in its various shapes — all testimony of eye-witnesses, traditional testimony from the lips of *those who have been eye-witnesses*, and the testimony of those who have put their impressions into writing and into print. . . . If you read Caesar's *Commentaries*, wherever he gives an account of his battles with the Gauls, you place a certain amount of confidence in his statements. You take his testimony upon this. *You feel that Caesar would not have made these statements unless he had believed them to be true.*"

Now we cannot in logic permit Mr. Huxley's philosophical rule to be applied in a one-sided manner to Caesar. Either that personage was naturally truthful or a natural liar; and since Mr. Huxley has settled that point to his own satisfaction as regards the facts of military history in his favor, we insist that Caesar is also a competent witness as

411. 'Alchemy and the Alkahest,' by J. S. F., p. 88: edition of 1820.

412. See *The Works of Robert Boyle*: London, 1772.

to augurs, diviners, and psychological facts. So with Herodotus, and all other ancient authorities, for unless they were by nature men of truth they should not be believed even about civil or military affairs. *Falsus in uno, falsus in omnibus*. And equally, if they are credible as to physical things, they must be regarded as equally so as to spiritual things; for as Professor Huxley tells us, human nature was of old just as it is now. Men of intellect and conscience did not lie for the pleasure of bewildering or disgusting posterity.

The probabilities of falsification by such men having been defined so clearly by a man of science, we feel free from the necessity of discussing the question in connexion with the names of Van Helmont and his illustrious but unfortunate master, the much-slandered Paracelsus. Deleuze, though finding in the works of the former many "mythic, illusory ideas"—perhaps only because he could not understand them—credits him nevertheless with a vast knowledge, "an acute judgment," and at the same time with having given to the world "great truths." "He was the first," he adds, "to give the name of *gas* to aerial fluids. Without him it is probable that steel would have given no new impulse to science."⁴¹³ By what application of the doctrine of chances could we discover the likelihood that experimentalists, capable of resolving and recombining chemical substances, as they are admitted to have done, were ignorant of the nature of elementary substances, their combining energies, and the solvent or solvents that would disintegrate them when wanted? If they had the reputation only of theorists the case would stand differently and our argument would lose its force, but the chemical discoveries, grudgingly accorded to them by their worst enemies, form the basis for much stronger language than we have permitted ourselves, from a fear of being deemed over-partial. Moreover as this work is based on the idea that there is a higher nature of man, and that his moral and intellectual faculties should be judged *psychologically*, we do not hesitate to reaffirm that since Van Helmont asserted "most solemnly" that he was possessed of the secret of the *alkahest*, no modern critic has a right to set him down as either a liar or a visionary, until something more certain is known about the nature of this alleged *universal menstruum*.

"Facts are stubborn things," remarks Mr. A. R. Wallace, in his preface to *Miracles and Modern Spiritualism*.⁴¹⁴ Therefore, as facts must be our strongest allies, we shall bring forward as many of these

413. Deleuze: 'De l'opinion de Van Helmont sur la cause, la nature et les effets du magnétisme,' in *Bibliothèque du magn. animal*, t. i, p. 45; t. ii, p. 198: Paris, 1877.

414. London, 1875.

as the 'miracles' of antiquity and those of our modern times will furnish. The authors of *The Unseen Universe* have *scientifically* demonstrated the possibility of certain alleged psychological phenomena through the medium of the universal ether. Mr. Wallace has as scientifically proved that the whole catalog of assumptions to the contrary, including the sophisms of Hume, are untenable if brought face to face with strict logic. Mr. Crookes has given to the world of skepticism his own experiments, which lasted above three years before he was conquered by the most undeniable of evidence — that of his own senses. A whole list could be made up of men of science who have recorded their testimony to that effect; and Camille Flammarion, the well-known French astronomer, and author of many works which, in the eyes of the skeptical, should send him to the ranks of the 'deluded,' in company with Wallace, Crookes, and Hare, corroborates our words in the following lines:

"I do not hesitate to affirm my conviction, based on a personal examination of the subject, that any scientific man who declares the phenomena denominated 'magnetic,' 'somnambolic,' 'mediumic,' and others not yet explained by science, to be impossible, is one who speaks without knowing what he is talking about; and that any man accustomed, by his professional avocations, to scientific observations — provided that his mind be not biased by pre-conceived opinions, nor his mental vision blinded by that opposite kind of illusion, unhappily too common in the learned world, which consists in *imagining that the laws of Nature are already known to us*, and that everything which appears to overstep the limit of our present formulas is impossible — may acquire a radical and absolute certainty of the reality of the facts alluded to."

In Mr. Crookes's *Researches in the Phenomena of Spiritualism*, on p. 101, this gentleman quotes Mr. Sergeant Cox, who having named this unknown force, *psychic*, explains it thus: "As the organism is itself moved and directed within its structure by a Force which either is, or is controlled by, the Soul, Spirit, or Mind . . . which constitutes the individual being we term 'the Man,' it is an equally reasonable conclusion that the Force which causes the motions beyond the limits of the body *is the same Force that produces motion within the limits of the body*. And, as the external force is often directed by Intelligence, it is an equally reasonable conclusion that the directing Intelligence of the external force is the same Intelligence that directs the Force internally."

In order to comprehend this theory the better, we may as well divide it in four propositions and show that Mr. Sergeant Cox believes:

1. That the force which produces physical phenomena proceeds *from* (consequently is generated *in*) the medium.

2. That the intelligence directing the force for the production of the phenomena (a) *may* sometimes be other than the intelligence of the medium; but of this the "proof" is "insufficient"; therefore, (b) the directing intelligence is probably that of the medium himself. This Mr. Cox calls "a reasonable conclusion."

3. He assumes that the force which moves the table is identical with the force which moves the medium's body itself.

4. He strongly disputes the spiritualistic theory, or rather assertion, that "spirits of the dead are the *sole* agents in the production of *all* the phenomena."

Before we fairly proceed with our analysis of such views we must remind the reader that we find ourselves placed between two extreme opposites represented by two parties — the believers and unbelievers in the agency of human spirits. Neither seem capable of deciding the point raised by Mr. Cox; for while the spiritualists are so omnivorous in their credulity as to believe every sound and movement in a *circle* to be produced by *disembodied* human beings, their antagonists dogmatically deny that anything can be produced by 'spirits,' for there are none. Hence neither class is in a position to examine the subject without bias.

If they consider that force which "produces motion within the body" and the one "which causes the motion beyond the limits of the body" to be of *the same essence*, they may be right. But the identity of these two forces stops here. The life-principle which animates Mr. Cox's body is of the same nature as that of his medium; nevertheless he is not the medium, nor is the latter Mr. Cox.

This force, which to please Mr. Cox and Mr. Crookes we may just as well call *psychic* as anything else, proceeds *through*, not *from* the individual medium. In the latter case this force would be generated in the medium and we are ready to show that it cannot be so; neither in the instances of levitation of human bodies, the moving of furniture and other objects without contact, nor in such cases in which the force shows reason and intelligence. It is a fact well-known both to mediums and spiritualists, that the more passive the medium, the better the manifestations; and every one of the above-mentioned phenomena requires a *conscious* pre-determined *will*. In cases of levitation, we should have to believe that this self-generated force would raise the inert mass off the ground, direct it through the air, and lower it again, avoiding obstacles and thereby showing intelligence, and still act automatically, the medium remaining all the while *passive*. If such were the fact, the medium would be a conscious magician, and all pretense of being a passive instrument in the hands of invisible intelligences would become useless. As well plead

that a quantity of steam sufficient to fill, without bursting a boiler will raise the boiler; or a Leyden jar, full of electricity, overcome the inertia of the jar: such being mechanical absurdities. All analogy would seem to indicate that the force which operates upon external objects in the presence of a medium comes from a source back of the medium himself. We may rather compare it with the hydrogen which overcomes the inertia of the balloon. The gas, under the control of an intelligence, is accumulated in the receiver in sufficient volume to overcome the attraction of its combined mass. On the same principle this force moves articles of furniture, and produces other manifestations; and though identical in its essence with the astral spirit of the medium, it cannot be his spirit only, for the latter remains all the while in a kind of cataleptic torpor, when the mediumship is genuine. Therefore Mr. Cox's first point seems badly taken; it is based upon a hypothesis mechanically untenable. Of course our argument proceeds upon the supposition that levitation is an observed fact. The theory of psychic force, to be perfect, must account for all "visible motions . . . in solid substances," and among these is levitation.

As to his second point, we deny that "the proof is insufficient" that the force which produces the phenomena is sometimes directed by other intelligences than the mind of the "psychic." On the contrary there is such an abundance of testimony to show that the mind of the medium, in a majority of cases, has nothing to do with the phenomena, that we cannot be content to let Mr. Cox's bold assertion go unchallenged.

We conceive his third proposition to be equally illogical; for if the medium's body be not the generator but simply the channel of the force which produces the phenomena — a question upon which Mr. Cox's researches throw no light whatever — then it does not follow that because the medium's "soul, spirit, or mind" directs the medium's organism, therefore this "soul, spirit, or mind," lifts a chair or raps at the call of the alphabet.

As to the fourth proposition, namely, that "spirits of the dead are the sole agents in the production of all the phenomena," we need not join issue at the present moment, inasmuch as the nature of the 'spirits' producing mediumistic manifestations is treated at length in other chapters.

The philosophers, and especially those who were initiated into the Mysteries, held that the astral soul is the impalpable duplicate of the gross external form which we call body. It is the *perisprit* of the Kardecists, and the '*spirit-form*' of the spiritualists. Above this internal duplicate, and illuminating it as the warm ray of the sun illuminates the earth,

fructifying the germ and calling out to spiritual vivification the latent qualities dormant in it, hovers the divine spirit. The astral *perispit* is contained and confined within the physical body as ether in a bottle, or magnetism in magnetized iron. It is a center and engine of force, fed from the universal supply of force, and moved by the same general laws which pervade all nature and produce all cosmical phenomena. Its inherent activity causes the incessant physical operations of the animal organism and ultimately results in the destruction of the latter by over-use, and its own escape. It is the prisoner, not the voluntary tenant, of the body. It has an attraction so powerful to the external universal force, that after wearing out its casing it finally escapes to it. The stronger, grosser, more material its encasing body, the longer is the term of its imprisonment. Some persons are born with organizations so exceptional that the door which shuts other people in from communication with the world of the astral light, can be easily unbarred and opened, and their souls can look into, or even pass into that world, and return again. Those who do this consciously, and at will, are termed magicians, hierophants, seers, adepts; those who are made to do it, either through the fluid of the mesmerizer or of 'spirits,' are 'mediums.' The astral soul, when the barriers are once opened, is so powerfully attracted by the universal, astral magnet, that it sometimes lifts its encasement with it and keeps it suspended in mid-air, until the gravity of matter reasserts its supremacy, and the body descends again to earth.

Every objective manifestation, whether it be the motion of a living limb, or the movement of some inorganic body, requires two conditions: will and force — plus *matter*, or that which makes the object so moved visible to our eye; and these three are all convertible forces — the force-correlation of the scientists. In their turn they are directed, or rather overshadowed, by the Divine intelligence which these men so studiously leave out of the account, but without which not even the crawling of the smallest earth-worm could ever take place. The simplest as the most common of all natural phenomena — the rustling of the leaves which tremble under the gentle contact of the breeze — requires a constant exercise of these faculties. Scientists may well call them cosmic laws, immutable and unchangeable. Behind these laws we must search for the intelligent cause, which once having created and set these laws in motion, has infused into them the essence of its own consciousness. Whether we call this the first cause, the universal will, or God, it must always bear intelligence.

And now we may ask, how can a will manifest itself intelligently and unconsciously at the same time? It is difficult, if not impossible, to conceive of intellection apart from consciousness. By consciousness we do

not necessarily imply physical or corporeal consciousness. *Consciousness is a quality of the sentient principle, or, in other words, the soul; and the latter often displays activity even while the body is asleep or paralysed.* When we lift our arm mechanically, we may imagine that we do it unconsciously because our superficial senses cannot appreciate the interval between the formulation of the purpose and its execution. Latent as it seemed to us, our vigilant will evolved force, and set our matter in motion. There is nothing in the nature of the most trivial of mediumistic phenomena to make Mr. Cox's theory plausible. If the intelligence manifested by this force is no proof that it belongs to a disembodied spirit, still less is it evidence that it is unconsciously given out by the medium; Mr. Crookes himself tells us of cases where the intelligence could not have emanated from anyone in the room; as in the instance where the word 'however,' covered by his finger and unknown even to himself, was correctly written by planchette at another table.⁴¹⁵ No ordinary explanation can account for this case; the only hypothesis tenable — if we exclude the agency of a spirit-power — is that the clairvoyant faculties were brought into play. But scientists deny clairvoyance; and if, to escape the unwelcome alternative of accrediting the phenomena to a spiritual source, they concede to us the fact of clairvoyance, it then devolves upon them either to accept the kabalistic explanation of what this faculty is, or achieve the task hitherto impracticable of making a new theory to fit the facts.

Again, if for the sake of argument it should be admitted that Mr. Crookes's word 'however' might have been clairvoyantly read, what shall we say of mediumistic communications having a prophetic character? Does any theory of mediumistic impulse account for the ability to foretell events beyond the possible knowledge of both speaker and listener? Mr. Cox will have to try again.

As we have said before, the modern psychic force, and the ancient oracular fluids, whether terrestrial or sidereal, are identical in essence — simply a blind force. So is air. And while in a dialog the sound-waves produced by a conversation of the speakers affect the same body of air, that does not imply any doubt of the fact that there are two persons talking with each other. Is it any more reasonable to say that when a common agent is employed by medium and 'spirit' to intercommunicate, there must necessarily be but one intelligence displaying itself? As the air is necessary for the mutual exchange of audible sounds, so are certain currents of astral light or ether, directed by an *Intelligence*, necessary for the production of the phenomena called 'spiritual.' Place

415. Crookes: *Researches in the Phenomena of Spiritualism*, p. 96.

two interlocutors in the exhausted receiver of an air-pump, and, if they could live, their words would remain inarticulate thoughts, for there would be no air to vibrate, and hence no ripple of sound would reach their ears. Place the strongest medium in such an isolating atmosphere as a powerful mesmerizer, familiar with the properties of the magical agent, can create around him, and no manifestations will take place until some opposing intelligence, more potent than the will-power of the mesmerizer, overcomes the latter and terminates the astral inertia.

The ancients were at no loss to discriminate between a blind force acting spontaneously and the same force when directed by an intelligence.

Plutarch, the priest of Apollo, when speaking of the oracular vapors, which were but a subterranean gas imbued with intoxicating magnetic properties, shows its nature to be dual, when he addresses it in these words: "And who art thou? without a God who creates and ripens thee; without a daemon [spirit] who, acting under the orders of God, directs and governs thee, thou canst do nothing, thou art *nothing* but a vain breath." ⁴¹⁶ Thus without the indwelling soul or intelligence, 'Psychic Force' would be also but a 'vain breath.'

Aristotle maintains that this 'gas,' or astral emanation, escaping from inside the earth, is the sole *sufficient cause*, acting from within outwardly, for the vivification of every living being and plant upon the external crust. In answer to the skeptics of his century, Cicero, moved by a just wrath, exclaims: "And what can be more divine than the exhalations of the earth, which affect the human soul so as to enable her to predict the future? And could the hand of time evaporate such a virtue? Do you suppose you are talking of some kind of wine or salted meat?" ⁴¹⁷ Do modern experimentalists claim to be wiser than Cicero, and say that this eternal force has evaporated, and that the springs of prophecy are dry?

All the prophets of old — inspired sensitives — were said to be uttering their prophecies under the same conditions, either by the direct outward efflux of the astral emanation, or a sort of damp fluxion, rising from the earth. It is this astral matter which serves as a temporary clothing of the souls who form themselves in this light. Cornelius Agrippa expresses the same views as to the nature of these phantoms by describing it as moist or humid: "*In spirito turbido HUMIDOQUE.*" ⁴¹⁸

Prophecies are delivered in two ways — consciously, by magicians who are able to look into the astral light; and unconsciously, by those

416. Plutarch: *On the Cessation of Oracles*, §§ xv, xxxviii (Amyot's version).

417. *On Divination*, II, lvii.

418. *De occulta philos.*, III, pp. 345, 355.

who act under what is called inspiration. To the latter class belonged the Biblical prophets, and the modern trance-speakers are also of this class. So familiar was Plato with this kind of prophecy that of such prophets he says: "No man, when in his senses, attains prophetic truth and inspiration . . . but only when demented by some distemper or possession . . ." (by a *daimonion* or spirit).⁴¹⁹ "Some persons call them prophets; they do not know that they are only *repeaters* . . . and are not to be called prophets at all, but only *transmitters* of vision and prophecy," — he adds.

In continuation of his argument, Mr. Cox says: "The most ardent spiritualists practically admit the existence of psychic force under the very inappropriate name of magnetism (with which it has no affinity whatever), for they assert that the spirits of the dead can only do the acts attributed to them by using the magnetism (that is, the psychic force) of the medium."⁴²⁰

Here again a misunderstanding arises in consequence of different names being applied to what may prove to be one and the same imponderable compound. Because the science of electricity did not develop till the eighteenth century, no one will presume to say that this force has not existed since the creation; moreover, we are prepared to prove that even the ancient Hebrews were acquainted with it. But although exact science did not happen before 1819 to stumble over the discovery which showed the intimate connexion existing between magnetism and electricity, this does not at all prevent these two agents from being identical. If a bar of iron can be endowed with magnetic properties by passing a current of voltaic electricity over some conductor placed in a certain way close to the bar, why not accept, as a provisional theory, that a medium may also be a *conductor*, and nothing more, at a *séance*? Is it unscientific to say that the intelligence of 'psychic force,' drawing currents of electricity from the waves of the ether, and employing the medium as a conductor, develops and calls into action the latent magnetism with which the atmosphere of the *séance*-room is saturated, so as to produce the desired effects? The word *magnetism* is as appropriate as any other, until science gives us something more than a merely hypothetical agent endowed with conjectural properties.

"The difference between the advocates of psychic force and the spiritualists consists in this," says Sergeant Cox, "that we contend that there is as yet insufficient proof of any other directing agent than the intelligence of the medium, and *no proof whatever* of the agency of 'spirits' of the dead."⁴²¹

419. *Timæus*, § xlvii.

420. Crookes: *Researches*, etc., p. 101.

421. *Ibid.*

We fully agree with Mr. Cox as to the lack of proof that the agency is that of the spirits of the dead; as for the rest, it is a very extraordinary deduction from "a wealth of facts," according to the expression of Mr. Crookes, who remarks further, "On going over my notes, I find . . . such a superabundance of evidence, so overwhelming a mass of testimony . . . that I could fill several numbers of the *Quarterly*." ⁴²²

Now some of the items of an "overwhelming evidence" are as follows: "1st. The movement of heavy bodies with contact, but without mechanical exertion. 2nd. The phenomena of percussive and other allied sounds. 3rd. The alteration of weight of bodies. 4th. Movements of heavy substances *when at a distance from the medium*. 5th. The rising of tables and chairs off the ground, *without contact with any person*. 6th. THE LEVITATION OF HUMAN BEINGS.⁴²³ 7th. Luminous apparitions." Says Mr. Crookes, "Under the strictest conditions I have seen a solid self-luminous body, the size and nearly the shape of a turkey's egg, float noiselessly about the room, at one time higher than any one present could reach on tiptoe, and then gently descend to the floor. It was visible for more than ten minutes, and before it faded away it struck the table three times with a sound like that of a hard, solid body." ⁴²⁴ (We must infer that the egg was of the same nature as M. Babinet's meteor-cat, which is classified with other natural phenomena in Arago's works.) "8th. The appearance of hands, either self-luminous or visible by ordinary light. 9th. Direct writing" by these same luminous hands, detached, and evidently endowed with intelligence. (Psychic force?) "10th. Phantom-forms and faces." In this instance, the psychic force comes "from a corner of the room" as a "phantom form," takes an accordion in its hand, and then glides about the room, playing the instrument, Home the medium being in full view at the time.⁴²⁵ All the preceding Mr. Crookes witnessed and tested at his own house, and, having assured himself scientifically of the genuineness of the phenomena, reported them to the Royal Society. Was he welcomed as the discoverer of natural

422. Crookes: *Researches, etc.*, p. 83.

423. In 1854 M. Foucault, an eminent physicist and a member of the French Institute, one of the opponents of De Gasparin, rejecting the mere possibility of any such manifestations, wrote the following memorable words: "On that day, when I should succeed in moving a straw by the action of my will only, I should feel terrified!" The word is ominous. About the same year, Babinet the astronomer repeated in his article in the *Revue des Deux Mondes*, the following sentence to exhaustion: "The levitation of a body *without contact* is as impossible as perpetual motion, because on the day when it should be done, *the world would crumble down*." Luckily we see no sign as yet of such a cataclysm; yet bodies are levitated.

424. *Researches, etc.*, p. 91.

425. *Ibid.*, pp. 86-94.

phenomena of a new and important character? Let the reader consult his work for the answer.

In addition to these freaks played on human credulity by 'psychic force,' Mr. Crookes gives another class of phenomena, which he terms "special instances, which *seem* [?] to point to the agency of an *exterior* intelligence." ⁴²⁶

"I have been," says Mr. Crookes, "with Miss Fox when she has been writing a message automatically to one person present, whilst a message to another person, on *another* subject, was being given alphabetically by means of 'raps,' and the whole time she was conversing freely with a third person, on a subject totally different from either. . . . During a *séance* with Mr. Home, a small lath moved across the table to me, *in the light*, and delivered a message to me by tapping my hand, I repeating the alphabet, and the lath tapping me at the right letters . . . being at a distance from Mr. Home's hands." The same lath, upon request of Mr. Crookes, gave him "a telegraphic message through the Morse alphabet, by taps on my hand" (the Morse code being quite unknown to any other person present, and but imperfectly to himself), "and," adds Mr. Crookes, "it convinced me that there was a good Morse operator at the other end of the line, *WHEREVER THAT MIGHT BE.*" ⁴²⁷ Would it be undignified in the present case to suggest that Mr. Cox should search for the operator in his private principality — Psychic Land? But the same lath does more and better. In full light in Mr. Crookes's room *it* is asked to give a message, ". . . a pencil and some sheets of paper had been lying on the center of the table; presently the *pencil rose upon its point*, and after advancing by hesitating jerks to the paper, fell down. It then rose, and again fell. . . . After three unsuccessful attempts, a small wooden lath" (the Morse operator) "which was lying near upon the table, *slid towards the pencil*, and *rose* a few inches from the table; the pencil rose again, and *propping itself against the lath*, the two together made an effort to mark the paper. It fell, and then a *joint effort* was again made. After a third trial the lath gave it up, and *moved back to its place*; the pencil lay as it fell across the paper, and an alphabetic message told us: "We have tried to do as you asked, but *our power* is exhausted." ⁴²⁸ The word *our*, as the joint intelligent efforts of the friendly lath and pencil, would make us think that there were *two* psychic forces present.

In all this, is there any proof that the directing agent was "the intelligence of the medium"? Is there not, on the contrary, every indication that the movements of the lath and pencil were directed either by 'spirits of the dead,' or at least by some other unseen intelligent entities?

426. *Researches, etc.*, p. 94.

427. *Ibid.*, p. 95.

428. *Ibid.*, p. 94.

Most certainly the word magnetism explains in this case as little as the term *psychic force*; howbeit, there is more reason to use the former than the latter, if it were but for the simple fact that the *transcendent* magnetism or mesmerism produces phenomena identical in effects with those of spiritualism. The phenomenon of the *enchanted* circle of Baron Du Potet and Regazzoni is as contrary to the accepted laws of physiology as the rising of a table without contact is to the 'laws' of natural philosophy. As strong men have often found it impossible to raise a small table weighing a few pounds, and have broken it to pieces in the effort, so a dozen of experimenters, among them sometimes academicians, were utterly unable to step across a chalk-line drawn on the floor by Du Potet. On one occasion a Russian general, well known for his skepticism, persisted until he fell on the ground in violent convulsions. In this case the magnetic fluid which opposed such a resistance was Mr. Cox's "psychic force," which endowed the tables with an extraordinary and 'supernatural' weight. If two forces produce the same psychological and physiological effects, there is good reason to believe them more or less identical. We do not think the deduction could be very reasonably objected to. Besides, were the fact even denied, this is no reason why it should not be so. Once upon a time all the Academies in Christendom agreed to deny that there were any mountains in the moon; and there was a certain time when, if anyone had been so bold as to affirm that there was life in the superior regions of the atmosphere as well as in the fathomless depths of the ocean, he would have been set down as a fool or an ignoramus.

"The Devil affirms — it must be a lie!" the pious Abbé Almiguana used to say, in a discussion with a 'spiritualized table.' We shall soon be warranted in paraphrasing the sentence and making it read: "Scientists deny — therefore it must be true."

CHAPTER VII

"Thou great First Cause, least understood."— POPE

"Whence this pleasing hope, this fond desire,
This longing after immortality?
Or whence this secret dread, and inward horror
Of falling into naught? Why shrinks the soul
Back on herself, and startles at destruction?
'T is the divinity that stirs within us;
'T is heaven itself that points out our hereafter
And intimates Eternity to man.
ETERNITY! — Thou pleasing-dreadful thought!"— ADDISON

"There is another and a better world."— KOTZEBUE: *The Stranger*

AFTER according so much space to the conflicting opinions of our men of science about certain occult phenomena of the modern period, it is but just that we give attention to the speculations of medieval alchemists and certain other illustrious men. Almost without exception, ancient and medieval scholars believed in the arcane doctrines of wisdom. These included Alchemy, the Chaldaeo-Jewish Kabbala, the esoteric systems of Pythagoras and the old Magi, and those of the later Platonic philosophers and theurgists. We also propose in subsequent pages to treat of the Indian gymnosophists and the Chaldaean astrologers. We must not neglect to show the grand truths underlying the misunderstood religions of the past. The four elements of our fathers, earth, air, water, and fire, contain for the student of alchemy and ancient psychology — or as it is now termed, *magic* — many things of which our philosophy has never dreamed. We must not forget that what is now called *Necromancy* by the Church, and *Spiritualism* by modern believers, and which includes the evoking of departed 'spirits,' is a science which from remote antiquity has been almost universally diffused over the face of the globe.

Although neither an alchemist, magician, nor astrologer, but simply a great philosopher, Henry More of Cambridge University — a man universally esteemed — may be named as a shrewd logician, scientist and metaphysician. His belief in witchcraft was firm throughout his life. His faith in immortality and able arguments in demonstration of the survival of man's spirit after death are all based on the Pythagorean system, adopted by Cardan, Van Helmont and other mystics. The infinite and

uncreated spirit that we usually call God, a substance of the highest virtue and excellency, produced everything else by *emanative causality*. God thus is the primary substance, the rest, the secondary; if the primary cause created matter with a power of moving itself, he is still the cause of that motion as well as of the matter, and yet we rightly say that it is matter which moves itself. "We may define this kind of spirit we speak of to be a substance indiscernible, that can move itself, that can penetrate, contract, and dilate itself, and can also penetrate, move, and alter matter,"⁴²⁹ which is the third emanation. Henry More firmly believed in apparitions, and stoutly defended the theory of the individuality of every soul in which "personality, memory, and conscience will surely continue in the future state." He divided the astral spirit of man after its exit from the body into two distinct entities: the "aërial" and the "aethereal vehicle." During the time that a disembodied man moves in his aërial clothing, he is subject to *Fate* — *i. e.*, evil and temptation — attached to his earthly interests, and therefore is not utterly pure; it is only when he casts off this garb of the first spheres and becomes aethereal that he becomes sure of his immortality. "For what shadow can that body cast that is a pure and transparent light, such as the aethereal vehicle is? And therefore that oracle is then fulfilled, when the soul has ascended into that condition we have already described, in which alone it is out of the reach of fate and mortality." More concludes his work by stating that to attain this transcendent and divinely-pure condition was the only aim of the Pythagoreans.

As to the skeptics of his age, his language is contemptuous and severe. Speaking of Scot, Adie, and Webster, he terms them "our new inspired saints . . . sworn advocates of the witches, who thus madly and boldly, against all sense and reason, against all antiquity, all interpreters, and against the Scripture itself, will have even no Samuel in this scene, but a cunning confederate knave! Whether the Scripture, or these inblown buffoons, puffed up with nothing but ignorance, vanity, and stupid infidelity, are to be believed, let any one judge," he adds.⁴³⁰

What kind of language would this eminent divine have used against our skeptics of the nineteenth century?

Descartes, although a worshiper of matter, was one of the most devoted teachers of the magnetic doctrine and, in a certain sense, even of Alchemy. His system of physics was very much like that of other great philosophers. Space, which is infinite, is composed of, or rather filled up with, a fluid and elementary matter, and is the sole fountain of

429. *Antidote against Atheism*, I, iv: 1655.

430. Glanvil: *Saduc. triumph.*, p. 48 (letter from More to its author, May 25, 1678).

all life, enclosing all the celestial globes and keeping them in perpetual motion. The magnet-streams of Mesmer are portrayed by him in the Cartesian vortices, and both rest on the same principle. Ennemoser does not hesitate to say that both have more in common "than people suppose, who have not carefully examined the subject."⁴³¹

The esteemed philosopher Pierre Poiret Naudé was the warmest defender in 1679 of the doctrines of occult magnetism and of its first propounders.⁴³² The magico-theosophical philosophy is fully vindicated in his works.

The well-known Dr. Hufeland has written a work on magic⁴³³ in which he propounds the theory of the universal magnetic sympathy between men, animals, plants, and even minerals. The testimony of Campanella, Van Helmont, and Servius is confirmed by him in relation to the sympathy existing between the different parts of the body as well as between the parts of all organic and even inorganic bodies.

Such also was the doctrine of Tenzel Wirdig. It may even be found expounded in his works, with far more clearness, logic, and vigor than in those of other mystical authors who have treated of the same subject. In his famous treatise, *The New Spiritual Medicine*, he demonstrates, on the ground of the later-accepted fact of universal attraction and repulsion — now called 'gravitation' — that the whole of Nature is *ensouled*. Wirdig calls this magnetic sympathy "the accordance of spirits." Everything is drawn to its like, and converges with natures congenial to itself. Out of this sympathy and antipathy arises a constant movement in the whole world and in all its parts, and uninterrupted communion between heaven and earth, which produces universal harmony. Everything lives and perishes through magnetism; one thing affects another, even at great distances, and its "congenitals" may be influenced to health and disease by the power of this sympathy at any time, and notwithstanding the intervening space.⁴³⁴ "Hufeland," says Ennemoser, "gives the account of a nose which had been cut from the back of a porter, but which, when the porter died, died too and fell off from its artificial position. A piece of skin," adds Hufeland, "taken from a living head, had its hair turn gray at the same time as that on the head from which it was taken."⁴³⁵

Kepler — the forerunner of Newton in many great truths, even in that of the universal 'gravitation' which he very justly attributed to magnetic attraction, notwithstanding that he terms astrology "the in-

431. *The History of Magic*, II, p. 272.

432. *Apologie pour tous les grands personnages faussement soupçonnés de magie*: La Haye, 1679.

433. *Über die Sympathie*, u. s. w.: Berlin, 1817.

434. *Nova medicina spirituum*: 1673.

435. *The History of Magic*, II, p. 271.

sane daughter of a most wise mother," Astronomy — shares the kabalistic belief that the spirits of the stars are so many 'intelligences.' *He firmly believes that each planet is the seat of an intelligent principle, and that all are inhabited by spiritual beings, who exercise influences over other beings inhabiting grosser and more material spheres than their own, and especially over our earth.*⁴³⁶ As Kepler's *spiritual* starry influences were superseded by the vortices of the more materialistic Descartes, whose atheistical tendencies did not prevent him from believing that he had found out a diet that would prolong his life five hundred years and more, so the vortices of the latter and his astronomical doctrines may some day give place to the *intelligent* magnetic streams which are directed by the *Anima Mundi*.

Baptista Porta, the learned Italian philosopher, notwithstanding his endeavors to show to the world the groundlessness of the condemnation of magic as a superstition and sorcery, was treated by later critics with the same unfairness as his colleagues. This celebrated alchemist left a work on *Natural Magic*,⁴³⁷ in which he bases all of the occult phenomena possible to man upon the world-soul which binds all with all. He shows that the astral light acts in harmony and sympathy with all nature; that it is the essence out of which our spirits are formed; and that by acting in unison with their parent-source, our sidereal bodies are rendered capable of producing magic wonders. The whole secret depends on our knowledge of kindred elements. He believed in the philosopher's stone, "of which the world hath so great an opinion, which hath been bragged of in so many ages and *happily attained unto by some.*" Finally, he throws out many valuable hints as to its "spiritual meaning." In 1631 there appeared among the mystics a monk, Father Kircher, who taught a complete philosophy of universal magnetism. His numerous works⁴³⁸ embrace many of the subjects merely hinted at by Paracelsus. His definition of magnetism is very original, for he contradicted Gilbert's theory that the earth is a great magnet. He asserted that although all the particles of matter, and even the intangible invisible 'powers' were magnetic, they did not themselves constitute a magnet. *There is but one MAGNET in the universe, and from it proceeds the magnetization of everything existing.* This magnet is of course what the kabalists term the central Spiritual Sun, or God.

436. It would be a useless and too-extended task to enter here upon the defence of Kepler's theory of the relation between the five regular solids of geometry and the magnitudes of the orbits of five principal planets, rather derided by Prof. Draper in his *Conflict betw. Rel. and Sc.*, ch. ix. Many are the theories of the ancients that have been verified by modern discovery. For the rest, we must bide our time.

437. *Magia naturalis*, I, v, viii, x, xiv: Lugduni, 1569.

438. Among others, *Magnes, sive de arte magnetici*, Coloniae, 1643.

The sun, moon, planets and stars he affirmed are highly magnetic; but they have become so by induction from living in the universal magnetic fluid — the Spiritual light. He proves the mysterious sympathy existing between the bodies of the three principal kingdoms of nature, and strengthens his argument by a stupendous catalog of instances. Many of these were verified by naturalists, but still more have remained unauthenticated; therefore, according to the traditional policy and very equivocal logic of our scientists, they are denied. For instance, he shows a difference between mineral magnetism and zoö-magnetism, or animal magnetism. He demonstrates it by the fact that except in the case of the lodestone all the minerals are magnetized by the higher potency, animal magnetism, while the latter enjoys it as the direct emanation from the first cause — the Creator. A needle can be magnetized by simply being held in the hand of a strong-willed man, and amber develops its powers more by the friction of the human hand than by any other object; therefore man can impart his own life to, and in a certain degree *animate*, inorganic objects. This, “in the eyes of the foolish, is sorcery.” “The sun is the most magnetic of all bodies,” he says; thus anticipating the theory of General Pleasonton by more than two centuries. “The ancient philosophers never denied the fact,” he adds; “but have at all times perceived that the sun’s emanations were binding all things to itself, and that it imparts this binding power to everything falling under its direct rays.”

As a proof of it he instances many plants which are especially attracted to the sun, and others to the moon, and shows their irresistible sympathy with the former when they follow its course in the heavens. The plant known as the *Tithymallus*,⁴³⁹ faithfully follows its sovereign, even when it is invisible on account of the fog. The acacia uncloses its petals at sunrise and closes them at sunset. So do the Egyptian lotus and the common sunflower. The nightshade exhibits the same predilection for the moon.

As examples of antipathies or sympathies among plants, he instances the aversion which the vine feels for the cabbage, and its fondness for the olive-tree; the love of the ranunculus for the water-lily, and of the rue for the fig. The aversion which sometimes exists even among kindred substances is clearly demonstrated in the case of the Mexican pomegranate, whose shoots when cut to pieces repel each other with the “most extraordinary antipathy.”

Kircher accounts for every feeling in human nature as the result of changes in our magnetic condition. Anger, jealousy, friendship, love, and

439. *Magnes, etc.*, III, p. 643.

hatred, are all modifications of the magnetic atmosphere which is developed in us and constantly emanates from us. Love is one of the most variable, and therefore the aspects of it are numberless. Spiritual love, as that of a mother for her child, of an artist for some particular art, or love as pure friendship, are purely magnetic manifestations of sympathy in congenial natures. *The magnetism of pure love is the originator of every created thing.* In its ordinary sense love between the sexes is electricity, and he calls it *amor febris speciei*, the fever of species. There are two kinds of magnetic attraction: sympathy and fascination; the one holy and natural, the other evil and unnatural. The power of certain serpents to fascinate their victims has been attested by competent observers on numerous occasions; and deer, as well as smaller animals, have been seen to behave as if paralysed by some subtle influence emitted by the boa constrictor. The electric fish, the torpedo, repels the arm with a shock that for a time benumbs it. To exercise such a power for beneficent purposes, man requires three conditions: 1, nobility of soul; 2, strong will and imaginative faculty; 3, a subject weaker than the magnetizer, otherwise he will resist. A man free from worldly incentives and sensuality may by such means cure the most 'incurable' diseases, while his vision will become clear and prophetic.

A curious instance of the above-mentioned universal attraction between all the bodies of the planetary system and everything organic as well as inorganic pertaining to them, is found in a quaint old volume of the seventeenth century. It contains notes of travel and an official report to the King of France by his Ambassador, De la Loubère, upon what he has seen in the kingdom of Siam. "At Siam," he says, "there are two species of fresh-water fish, which they respectively call *pla-out* and *pla-cadi* fish. Once salted and placed uncut (whole) in the pot, they are found to follow exactly the flux and reflux of the sea, rising higher and lower in the pot as the sea ebbs or flows."⁴⁴⁰ De la Loubère was given a pot of these fish by a government engineer, named Vincent, who vouched for the truth of this assertion, having seen the experiment himself. So powerful is this mysterious attraction that it affected the fishes even when their bodies had become totally rotten and had fallen to pieces.

It is especially in the countries unblessed with 'civilization' that we should seek for an explanation of the nature, and observe the effects, of that subtle power which ancient philosophers called the 'world's soul.' Only in the East and in the boundless tracts of unexplored Africa will

440. *New Historical Relation of the Kingdom of Siam*, by De la Loubère, French Ambassador to Siam in the years 1687-8, p. 35: London, 1693.

the student of psychology find abundant food for his truth-hungering soul. The reason is obvious. The atmosphere in populous neighborhoods is badly vitiated by the smoke and fumes of manufactories, steam-engines, railroads, and steamboats, and especially by the miasmatic exhalations of the living and the dead. Nature depends as we do upon favorable conditions before she can do her work, and her mighty breathing, so to say, can be as easily interfered with, impeded, and arrested, and the correlation of her forces destroyed in a given spot, as though she were a man. Climatic as well as occult influences daily felt not only modify the physio-psychological nature of man, but even alter the constitution of so-called inorganic matter to a degree not fully realized by European science. Thus the London *Medical and Surgical Journal* advises surgeons not to carry lancets to Calcutta, because it has been found by personal experience "that English steel cannot withstand the atmosphere of India"; so a bunch of English or American keys will be completely covered with rust twenty-four hours after its arrival in Egypt, while objects made of native steel in those countries remain unoxidized. So, too, it has been found that a Siberian Shaman who has given stupendous proofs of his occult powers among his native Chukchen, is often by degrees completely deprived of such powers when coming into smoky and foggy London. Is the inner organism of man less sensitive to climatic influences than a bit of steel? If not, then why should we cast doubt upon the testimony of travelers who may have seen the Shaman, day after day, exhibit phenomena of the most astounding character in his native country, and deny the possibility of such powers and such phenomena only because he cannot do as much in London or Paris? In his lecture on *The Lost Arts*, Wendell Phillips proves that besides being physiologically affected by a change of climate, the physical senses of the Oriental peoples are far more acute than those of Europeans. The French dyers of Lyons, whom no one can surpass in skill, he says "have a theory that there is a certain delicate shade of blue that Europeans *cannot see*. . . . And in Kashmir, where the girls make shawls worth \$30,000, they will show him [the dyer of Lyons] three hundred distinct colors, which he not only cannot make, but *cannot even distinguish*." If the external senses of the two races differ so vastly in acuteness, why should not a similar contrast exist in respect to their psychological powers? Moreover, the eye of a Kashmir girl is able to see *objectively* a color which does exist, but which being inappreciable by the European, is therefore non-existent for him. Why then not concede that some peculiarly-endowed organisms, which are thought to be possessed of that mysterious faculty called *second-sight*, see their pictures as objectively as the girl sees the colors; and that therefore

the former, instead of mere objective hallucinations called forth by imagination, are on the contrary reflexions of real things and persons impressed upon the astral ether, as explained by the old philosophy of the *Chaldaean Oracles*, and surmised by those modern discoverers, Babbage, Jevons, and the authors of *The Unseen Universe*?

"Three spirits live in and actuate man," teaches Paracelsus; "three worlds pour their beams upon him; but all three only as the image and echo of one and the same all-constructing and uniting principle of production. The first is the spirit of the elements [terrestrial body and vital force in its brute condition]; the second, the spirit of the stars [sidereal or astral body — the soul]; the third is the *Divine* spirit [*Augoeides*]." ⁴⁴¹ Our human body being possessed of "primeval earth-stuff," as Paracelsus calls it, we may readily accept the tendency of modern scientific research "to regard the processes of both animal and vegetable life as simply physical and chemical." This theory only serves to corroborate the assertions of old philosophers and the *Mosaic Bible*, that from the dust of the ground our bodies were made, and to dust they will return. But we must remember that

" 'Dust thou art, to dust returnest,'
Was not spoken of the soul."

Man is a little world — a microcosm within the great universe. Like a foetus, he is suspended, by all his *three* spirits, in the matrix of the macrocosmos; and while his terrestrial body is in constant sympathy with its parent earth, his astral soul lives in unison with the sidereal *anima mundi*. He is in it, as it is in him, for the world-pervading element fills all space, and *is* space itself, only shoreless and infinite. As to his third spirit, the divine, what is it but an infinitesimal ray, one of the countless radiations proceeding directly from the Highest Cause — the Spiritual Light of the World? This is the trinity of organic and inorganic nature — the spiritual and the physical, which are three in one, and of which Proclus says that "The first monad is the Eternal God; the second, eternity; the third, the paradigm, or pattern of the universe"; the three constituting the Intelligible Triad. Everything in this visible universe is the outflow of this Triad, and a microcosmic triad itself. And thus these inner worlds move in majestic procession in the fields of eternity around the spiritual sun, as in the heliocentric system the celestial bodies move round the visible suns. The Pythagorean *Monad*, which lives 'in solitude and darkness,' may remain on this earth forever invisible, impalpable, and undemonstrated by experimental science. Still the whole universe will be gravitating around it, as it did from the

441. *Paracelsi op. omni.*, s. v.: 'The End of Birth, and Consideration of the Stars.'

'beginning of time,' and with every second man and atom approach nearer to that solemn moment in the eternity when the Invisible Presence will become clear to their spiritual sight. When every particle of matter, even the most sublimated, has been cast off from the last shape that forms the ultimate link of that chain of double evolution which, throughout millions of ages and successive transformations, has pushed the entity onward; and when it shall find itself re clothed in that primordial essence, identical with that of its Creator, then this once impalpable organic atom will have run its race, and the sons of God will once more 'shout for joy' at the return of the pilgrim.

"Man," says Van Helmont, "is the mirror of the universe, and his triple nature stands in relationship to all things." The will of the Creator, through which all things were made and received their first impulse, is the property of every living being. Man, endowed with an additional spirituality, has the largest share of it on this planet. It depends on the proportion of matter in him whether he will exercise its magical faculty with more or less success. Sharing this divine potency in common with every inorganic atom, he exercises it through the course of his whole life, whether consciously or otherwise. In the former case, when in the full possession of his powers, he will be the master, and the *magnale magnum* (the universal soul) will be controlled and guided by him. In the cases of animals, plants, minerals, and even of the average of humanity, this ethereal fluid which pervades all things, finding no resistance, and being left to itself, moves them as its impulse directs. Every created being in this sublunary sphere is formed out of the *magnale magnum*, and is related to it. Man possesses a double celestial power, and is allied to heaven. This power is "not only in the outer man, but to a degree also in the animals, and perhaps in all other things, as all things in the universe stand in a relation to each other; or at least God is in all things, as the ancients have observed it with a worthy correctness. It is necessary that the magic strength should be awakened in the outer as well as in the inner man. . . . And if we call this a magic power, the uninstructed only can be terrified by the expression. But if you prefer it, you can call it a spiritual power — *spirituale robur vocitaveris*. There is, therefore, such a magic power in the inner man. But as there exists a certain relationship between the inner and the outer man, this strength must be diffused through the whole man." 442

In an extended description of the religious rites, monastic life, and 'superstitions' of the Siamese, De la Loubère cites among other things the wonderful power possessed by the *Talapoins* (the monks, or the holy

442. J. B. Van Helmont: *Ortus medicinae*, p. 610, sq.: 1652.

men of Buddha) over the wild beasts. The Talapoins of Siam, he says, "go for three weeks to watch in the night in the middle of the fields, under small huts of branches and leaves, . . . they make no fire in the night to scare away the wild beasts, as all those that travel in the woods of this country used to do. . . . The people consider it a miracle that the Talapoins are not devoured." The tigers, elephants, and rhinoceroses — with which the neighborhood abounds — respect them; and travelers placed in secure ambuscade have often seen these wild beasts lick the hands and feet of the sleeping Talapoin.⁴⁴³ "They use magic," adds the French gentleman, "and think all nature animated [ensouled]; they believe in tutelary genii." But that which seems to shock the author most is the idea which prevails among the Siamese, "that all that man was in his bodily life, he will be after death." "When the Tartars, who now reign in China," remarks De la Loubère, "tried to force the Chinese to shave their hair after the Tartarian fashion, several of them chose rather to suffer death, than to go, they said, into the other world to appear before their ancestors without hair; imagining that they shaved the head of the soul by shaving that of the body!"⁴⁴⁴ "Now, what is altogether impertinent," adds the Ambassador, "in this opinion is, that the Orientals cannot tell why the soul should assume the human figure rather than any other." Without enlightening his reader as to the particular shape these benighted Orientals ought to select for their disembodied souls, De la Loubère proceeds to pour out his wrath on these 'savages.' Finally he attacks the memory of the old king of Siam, the father of the one to whose court he was sent, by accusing him of having foolishly spent over two million livres in search of the philosopher's stone. "The Chinese," he says, "reputed so wise, have for three or four thousand years had the folly of believing in the existence of, and of seeking out, a universal remedy by which they hope to exempt themselves from the necessity of dying. And as amongst us, there are some foolish traditions concerning some *rare* persons that are reported to have made gold, and to have lived some ages; there are some very strongly established ideas amongst the Chinese, the Siamese, and the other Orientals, concerning those that know how to render themselves immortal, either absolutely, or in such a manner that they can die no otherwise than of a violent death."⁴⁴⁵ Wherefore it is supposed that some have withdrawn themselves from the sight of men to enjoy free and peaceable life. . . . They relate wonders concerning the knowledge of these pretended immortals."

If Descartes, a Frenchman and a scientist, could, in the midst of civilization, firmly believe that such a universal remedy had been found,

443. De la Loubère: *Kingdom of Siam*, p. 115.

444. *Ibid.*, pp. 119, 120.

445. *Ibid.*, p. 63.

and that if possessed of it he could live at least five hundred years, why are not the Orientals entitled to the same belief? The master-problems of both life and death are still unsolved by occidental physiologists. Even sleep is a phenomenon about whose cause there is a great divergence of opinion among them. How then can they pretend to set limits to the possible, and define the impossible?

From the remotest ages the philosophers have maintained the singular power of music over certain diseases, especially of the nervous class. Kircher recommends it, having experienced its good effects on himself, and he gives an elaborate description of the instrument he employed. It was a harmonicon composed of five tumblers of a very thin glass, placed in a row. In two of them were two varieties of wine; in the third, brandy; in the fourth, oil; in the fifth, water. He extracted five melodious sounds from them in the usual way, by merely rubbing his finger on the edges of the tumblers.⁴⁴⁶ The sound has an attractive property; it draws out disease, which streams out to encounter the musical wave, and the two, blending together, disappear in space. Asclepiades employed music for the same purpose some twenty centuries ago; he blew a trumpet to cure sciatica, and its prolonged sound causing the fibers of the nerves to palpitate, the pain invariably subsided. Democritus in like manner affirmed that many diseases could be cured by the melodious sounds of a flute. Mesmer used this very harmonicon described by Kircher for his magnetic cures. The celebrated Scotsman Maxwell offered to prove to various medical faculties that with certain magnetic means at his disposal, he would cure "six of the diseases abandoned by them as incurable; these are — epilepsy, impotence, insanity, lameness, dropsy, and continued as well as intermittent fever."⁴⁴⁷

The familiar story of the exorcism of the "evil spirit from God" that obsessed Saul, will recur to everyone in this connexion. It is thus related: "And it came to pass, when the evil spirit from God was upon Saul, that David took a harp, and played with his hand: so Saul was refreshed, and was well, and the evil spirit departed from him."⁴⁴⁸

Maxwell in his *Medicina magnetica* expounds the following propositions, all of which are the very doctrines of the alchemists and kabalists.

"That which men call the world-soul is a life, a fire — spiritual, fleet and ethereal as light itself. It is a life-spirit everywhere, and everywhere the same. . . . All matter is destitute of action, except as it is ensouled by this spirit. This spirit maintains all things in their peculiar condition. It is found in nature free from all fetters; and he

446. Kircher: *Magnes*: Coloniae, 1643.

447. See his *Medicina magnetica*, preface: Francof., 1679. 448. *1 Samuel*, xvi, 23.

who understands how to unite it with a harmonizing body, possesses a treasure which exceeds all riches."

"This spirit is the common bond of all quarters of the earth, and lives through and in all — *adest in mundo quid commune omnibus mextis, in quo ipsa permanent.*"

"He who knows this universal life-spirit and its application can prevent all injuries." ⁴⁴⁹

"If thou canst avail thyself of this spirit and fix it on some particular body thou wilt perform the mystery of magic."

"He who knows how to operate on men by this universal spirit, can heal, and this at any distance that he pleases." ⁴⁵⁰

"He who can invigorate the particular spirit through the universal one, *might continue his life to eternity*, if the stars were not hostile." ⁴⁵¹

"There is a blending together of spirits, or of emanations, even when they are far separated from each other. And what is this blending together? It is an eternal and incessant outpouring of the rays of one body into another."

"In the meantime," says Maxwell, "it is not *without danger* to treat of this. Many abominable abuses of this may take place."

And now let us see what are these abuses of mesmeric and magnetic powers in some healing mediums.

Healing, to deserve the name, requires either faith in the patient or robust health, united with a strong will, in the operator. *With expectancy supplemented by faith, one can cure oneself of almost any morbid condition.* The tomb of a saint; a holy relic; a talisman; a bit of paper or a garment that has been handled by the supposed healer; a nostrum; a penance, or a ceremonial; the laying on of hands, or a few words impressively pronounced — any one will do. It is a question of temperament, imagination, self-cure. In thousands of instances the doctor, the priest, or the relic has had credit for healings that were solely and simply due to the patient's unconscious will. The woman with the bloody issue who pressed through the throng to touch the robe of Jesus, was told that her "faith" had made her whole.

The influence of mind over the body is so powerful that it has effected miracles in all ages.

"How many un hoped-for, sudden, and prodigious cures have been effected by imagination," says Salverte. "Our medical books are filled with facts of this nature which would easily pass for miracles." ⁴⁵²

But if the patient has no faith, what then? If he is physically nega-

449. 'Aphorism' 22.

450. Aph. 69.

451. Aph. 70.

452. *The Philosophy of Magic*, II, p. 87: London, 1846.

tive and receptive, and the healer strong, healthy, positive, determined, the disease may be extirpated by the imperative will of the operator, which, consciously or unconsciously, draws to and re-enforces itself with the universal spirit of nature, and restores the disturbed equilibrium of the patient's aura. He may employ, as an auxiliary, a crucifix — as Gassner did; or impose the hands and 'will,' like the French Zouave Jacob, like our celebrated American, Newton, the healer of many thousands of sufferers, and like many others; or like Jesus, and some apostles, he may cure by the word of command. The process in each case is the same.

In all these instances the cure is radical and real, and without secondary ill-effects. But when one who is himself physically diseased attempts healing, he not only fails of that, but often imparts his illness to his patient, and robs him of what strength he may have. The decrepit King David re-enforced his failing vigor with the healthy magnetism of the young Abishag;⁴⁵³ and the medical works tell us of an aged lady of Bath, England, who broke down the constitutions of two maids in succession, in the same way. The old sages, and Paracelsus also, removed disease by applying a healthy organism to the afflicted part, and in the works of this fire-philosopher their theory is boldly and categorically set forth. If a diseased person — medium or not — attempts to heal, his force may be sufficiently robust to displace the disease, to disturb it from its original place, and cause it to shift to another, where shortly it will appear; the patient meanwhile thinking himself cured.

But what if the healer be morally diseased? The consequences may be infinitely more mischievous; for it is easier to cure a bodily disease than cleanse a constitution infected with moral turpitude. The mystery of Morzine, Cévennes, and that of the Jansenists is still as great a mystery for physiologists as for psychologists. If the gift of prophecy, as well as hysteria and convulsions, can be imparted by 'infection,' why not every vice? The healer, in such a case, conveys to his patient — who is now his victim — the moral poison that infects his own mind and heart. His magnetic touch is defilement; his glance, profanation. Against this insidious taint there is no protection for the passively-receptive subject. The healer holds him under his power, spell-bound and powerless, as the serpent holds a poor, weak bird. The evil that one such 'healing medium' can effect is incalculably great; and such healers there are by the hundred.

But as we have said before there are real and God-like healers, who, notwithstanding all the malice and skepticism of their bigoted opponents,

453. *1 Kings*, i, 1-4, 15.

have become famous in the world's history. Such are the Curé d'Ars of Lyons, Jacob, and Newton. Such also were Gassner, the clergyman of Klösterle, and the well-known Valentine Greatrakes, the ignorant and poor Irishman, who was endorsed by the celebrated Robert Boyle, President of the Royal Society of London, in 1670. In 1870 he would have been sent to Bedlam, in company with other healers, if another president of the same society had had the disposal of the case; or Professor Lankester would have 'summoned' him under the *Vagrant Act* for practising upon Her Majesty's subjects "by *palimistry* or otherwise."

But to close a list of witnesses which might be extended indefinitely it will suffice to say that, from first to last, from Pythagoras down to Éliphas Lévi, from highest to humblest, every one teaches *that the magical power is never possessed by those addicted to vicious indulgences*. Only the pure in heart "see God," or exercise divine gifts — only such can heal the ills of the body, and allow themselves with relative security to be guided by the 'invisible powers.' Such only can give peace to the disturbed spirits of their brothers and sisters, for the healing waters come from no poisonous source; grapes do not grow on thorns, and thistles bear no figs. But, for all this, "magic has nothing supernatural in it"; it is a science, and even the power of "casting out devils" was a branch of it, of which the Initiates made a special study. "That skill which expels demons out of human bodies, is a science useful and sanative to men," says Josephus.⁴⁵⁴

The foregoing sketches are sufficient to show why we hold fast to the wisdom of the ages, in preference to any new theories that may have been hatched from the occurrences of our later days, respecting the laws of intermundane intercourse and the occult powers of man. While phenomena of a physical nature may have their value as a means of arousing the interest of materialists, and confirming, if not wholly, at least inferentially our belief in the survival of our souls and spirits, it is questionable whether under their present aspect the modern phenomena are not doing more harm than good. Many minds, hungering after proofs of immortality, are fast falling into fanaticism; and as Stow remarks, "fanatics are governed rather by imagination than judgment."

Undoubtedly believers in the modern phenomena can claim for themselves a diversity of endowments, but the 'discerning of spirits' is evidently absent from this catalog of 'spiritual' gifts. Speaking of the "Diakka," whom he had discovered one fine morning in a shady corner of the 'Summer Land,' A. J. Davis, the great American seer, remarks: "A Diakka is one who takes insane delight in *playing parts*, in juggling

454. Josephus: *Antiquities of the Jews*, VIII, ii, 5.

tricks, in *personating* opposite characters; to whom prayer and profane utterances are of equi-value; surcharged with a passion for lyrical narrations; . . . morally deficient, he is without the active feelings of justice, philanthropy, or tender affection. He knows nothing of what men call the sentiment of gratitude; the ends of hate and love are the same to him; his motto is often fearful and terrible to others — SELF is the whole of private living, and exalted annihilation *the end of all private life*.⁴⁵⁵ Only yesterday, one said to a lady medium, signing himself *Swedenborg*, this: 'Whatsoever is, has been, will be, or may be, *that I AM*; and private life is but the aggregative phantasms of thinking throbbles, rushing in their rising onward to the central heart of eternal death!' "⁴⁵⁶

Porphyry, whose works — to borrow the expression of an irritated phenomenalist — "are mouldering like every other antiquated trash in the closets of oblivion," speaks thus of these Diakka (if such be their name) rediscovered in the nineteenth century: "It is with the direct help of these bad demons that every kind of sorcery is accomplished . . . it is the result of their operations, and men who injure their fellow-creatures by enchantments usually pay great honors to these bad demons, and especially to their chief. These spirits pass their time in deceiving us, with a great display of cheap prodigies and *illusions*; their ambition is to be taken for gods, and their leader demands to be recognised as the supreme god."⁴⁵⁷

The spirit (just quoted from Davis's *Diakka*) signing himself *Swedenborg* and hinting that he is the *I AM*, singularly resembles this chief leader of Porphyry's bad demons.

What more natural than this vilification of the ancient and experienced theurgists by certain mediums, when we find Iamblichus, the expositor of spiritualistic theurgy, strictly forbidding all endeavors to procure such phenomenal manifestations, unless after a long preparation of moral and physical purification, and under the guidance of experienced theurgists. When furthermore he declares that, with very few exceptions, for a person "*to appear elongated or thicker, or be borne aloft in the air*," is a *surè* mark of obsession by *bad* demons.⁴⁵⁸

Everything in this world has its time, and truth, though based upon unimpeachable evidence, will not take root or grow unless like a plant it is thrown into soil in its proper season. "The age must be prepared,"

455. *The Diakka and their Victims; an Explanation of the False and Repulsive in Spiritualism*.

456. See chapter on the human spirits becoming the denizens of the *eighth* sphere, and whose end is generally the *annihilation* of personal individuality.

457. Porphyry: *De abstinentia*, II, 41, 42.

458. *On the Mysteries of the Egyptians, etc.*, III, v, sq. (transl. T. Taylor).

says Professor Cooke; and some thirty years ago this humble work would have been doomed to self-destruction by its own contents. But the modern phenomenon, notwithstanding the daily *exposés*, the ridicule with which it is crowned on the part of every materialist, and its own numerous errors, grows and waxes strong in facts, if not in wisdom and spirit. What would have appeared twenty years ago simply preposterous, may well be listened to, now that the phenomena are endorsed by great scientists. Unfortunately, if the manifestations increase in power daily, there is no corresponding improvement in philosophy. The discernment of spirits is as much wanting as ever.

Perhaps, among the whole body of spiritualist writers of our day, not one is held in higher esteem for character, education, sincerity and ability than Epes Sargent of Boston, Massachusetts. His monograph entitled *The Proof Palpable of Immortality* deservedly occupies a high rank among works upon the subject. With every disposition to be charitable and apologetic for mediums and their phenomena, Mr. Sargent is still compelled to use the following language: "The power of spirits to reproduce *simulacra* of persons who have passed from the earth-life, suggests the question — How far can we be assured of the identity of *any* spirit, let the tests be what they may? We have not yet arrived at that stage of enlightenment that would enable us to reply confidently to this inquiry. . . . There is much that is yet a puzzle in the language and action of this class of materialized spirits." As to the intellectual caliber of most of the spirits which lurk behind the physical phenomena, Mr. Sargent will unquestionably be accepted as a most competent judge, and he says, "the great majority, as in this world, are of the unintellectual sort." If it is a fair question, we should like to ask why they should be so lacking in intelligence, if they are human spirits? Either intelligent human spirits *cannot* materialize, or the spirits that do materialize have not human intelligence, and therefore by Mr. Sargent's own showing, they may just as well be 'elementary' spirits who have ceased to be human altogether, or those daemons which, according to the Persian Magi and Plato, hold a middle rank between gods and disembodied men.

There is good evidence, that of Mr. Crookes for one, to show that many 'materialized' spirits talk in an audible voice. Now we have shown, on the testimony of the ancients, that the voice of human spirits is not and *cannot* be articulated; being, as Emanuel Swedenborg declares, "a deep suspiration." Which of the two classes of witnesses may be trusted more safely? Is it the ancients who had the experience of so many ages in theurgical practices, or modern spiritualists, who have had none at all, and who have no facts upon which to base an opinion, except such as have been communicated by 'spirits,' whose identity they have

no means of proving? There are mediums from whose organisms have been evoked some hundreds of these would-be 'human' forms. And yet we do not recollect to have heard of one of them expressing anything but the most commonplace ideas. This fact ought surely to arrest the attention of even the most uncritical spiritualist. If a spirit can speak at all, and if the way is opened to intelligent as well as to unintellectual beings, why should they not sometimes give us addresses in some remote degree approximating in quality to the communications we receive through the 'direct writing'? Mr. Sargent puts forward a very suggestive and important idea in this sentence. "How far they are limited in their mental operations and in their recollections by the act of materialization, or how far by the intellectual horizon of the medium is still a question."⁴⁵⁹ If the same kind of 'spirits' which produces the direct writing also materializes, and both manifest through mediums, and if the one kind talks nonsense, while the other often gives us sublime philosophical teachings, why should the mental operations of the 'spirits' be limited "by the intellectual horizon of the medium" in the one instance more than in the other? The materializing mediums—at least so far as our observation extends—are no more uneducated than many peasants and mechanics who at different times have, under supernal influences, given profound and sublime ideas to the world. The history of psychology teems with examples in illustration of this point, among which those of Böhme, the inspired but ignorant shoemaker, and our own Davis, are conspicuous. As to lack of intellect, we presume that no more striking cases need be sought than those of the child-prophets of Cévennes, poets and seers, such as have been mentioned in previous chapters. When 'spirits' have once furnished themselves with vocal organs to speak at all, it surely ought to be no more difficult for them to talk as persons of their assumed respective education, intelligence, and social rank would in life, instead of falling invariably into one monotonous tone of commonplace and too often platitude. As to Mr. Sargent's hopeful remark that "the science of Spiritualism being still in its infancy, we may hope for more light on this question," we fear we must reply that *it is not through 'dark cabinets' that this light will ever break.*⁴⁶⁰

It is simply ridiculous and absurd to require from every investigator, who comes forward as a witness to the marvels of the day and psychological phenomena, the diploma of a master of arts and sciences. The experience of the past forty years affords evidence that it is not always the minds which are the most 'scientifically trained' that are the best in matters of simple common sense and honest truth. Nothing blinds like

459. Epes Sargent: *The Proof Palpable of Immortality*, p. 45. 460. See *Matt.*, xxiv, 26.

fanaticism or a one-sided view of a question. We may take as an illustration Oriental magic or ancient spiritualism, as well as the modern phenomena. Hundreds, nay thousands of perfectly trustworthy witnesses, returning from residence and travels in the East, have testified to the fact that uneducated fakirs, sheiks, dervishes, and lamas have produced wonders in their presence, without confederates or mechanical appliances. They have affirmed that the phenomena exhibited by them were in contravention of all the *known* laws of Nature, and thus tended to prove the actual existence of many yet unknown occult potencies seemingly directed by preterhuman intelligences. What has been the attitude assumed by the main body of our scientists toward this subject? How far did even the testimony of the most 'scientifically' trained minds make an impression? Did the investigations of Professors Hare and De Morgan, of Crookes and Wallace, De Gasparin and Thury, Wagner and Butlerof, etc., shake for one moment their skepticism? How were the personal experiences of Jacolliot with the fakirs of India received, or the psychological elucidations of Professor Perty of Geneva viewed? How far does the loud cry of mankind, craving for palpable and demonstrated signs of a God, an individual soul, and of eternity, affect them; and what is their response? They pull down and destroy every vestige of spiritual things, but they erect nothing. "We cannot get such signs with either retorts or crucibles," they say; "hence, it's all mere delusion!" In this age of cold reason and prejudice even the Church has to look to science for help. Creeds built on sand, and high-towering but baseless dogmas, crumble down under the cold breath of research, and pull down *true* religion in their fall. But the longing for some outward sign of a God and a life hereafter remains as tenaciously as ever in the human heart. In vain is all sophistry of science; it can never stifle the voice of Nature. Only her representatives have poisoned the pure waters of simple faith, and now humanity tries to mirror itself in waters made turbid with all the mud stirred up from the bottom of the once pure spring. The anthropomorphic God of our fathers is replaced by anthropomorphic monsters; and what is still worse, by the reflexion of humanity itself in these waters, whose ripples send back distorted images of truth and fact, as evoked by its misguided imagination. "It is not a miracle that we want," writes the Reverend Brooke Herford, "but to find palpable evidence of the spiritual and the divine. It is not to the prophets that men cry for such a 'sign,' but rather to the scientists. Men feel as if all that groping about in the foremost verge or innermost recesses of creation should bring the investigator at length close to the deep, underlying facts of all things, to some unmistakable signs of God." The signs are there, and the scientists too; what can we expect more of them, now

that they have done their duty so well? Have they not, these Titans of thought, dragged down God from His hiding-place, and given us *protoplasm* instead?

At the Edinburgh meeting of the British Association, in 1871, Sir William Thomson said: "Science is bound by the everlasting law of honor to face fearlessly every problem which can fairly be presented to it." In his turn, Professor Huxley remarks: "With regard to the miracle-question, I can only say that the word 'impossible' is not, to my mind, applicable to matters of philosophy." The great Humboldt remarks that "a presumptuous skepticism that rejects facts without examination of their truth is, in some respects, more injurious than unquestioning credulity."

These men have proved untrue to their own teachings. The opportunity afforded them, by the opening of the Orient, to investigate for themselves the phenomena alleged by every traveler to take place in those countries, has been rejected. Did our physiologists and pathologists ever so much as think of availing themselves of it to settle this most momentous subject of human thought? Oh, no; for they would never dare. It is not to be expected that the principal Academicians of Europe and America should undertake a joint journey to Tibet and India, and investigate the fakir marvel on the spot! And were one of them to go as a solitary pilgrim and witness all the miracles in Creation, in that land of wonders, which of his colleagues could be expected to believe his testimony?

It would be as tedious as superfluous to begin a restatement of facts, so forcibly put by others. Messrs. A. R. Wallace and Wm. Howitt⁴⁶¹ have repeatedly and cleverly described the thousand and one absurd errors into which the learned societies of France and England have fallen, through their blind skepticism. If Cuvier could throw aside the fossil excavated in 1828 by Boué, the French geologist, only because he (the anatomist) thought himself wiser than his colleague, and would not believe that human skeletons could be found eighty feet deep in the mud of the Rhine; and if the French Academy could discredit the assertions of Boucher de Perthes in 1846, only to be criticised in its turn in 1860, when the truth of De Perthes' discoveries and observations was fully confirmed in the discovery by the whole body of geologists of flint weapons in the drift-gravels of northern France; and if McEnery's assertion in 1825 that he had discovered worked flints, together with the remains of extinct animals, in Kent's Hole Cavern⁴⁶² was laughed at, and

461. See Wallace: *Miracles and Modern Spiritualism*; and Howitt: *History of the Supernatural*, II.

462. See Wallace's paper read before the Dialectical Society, in 1871: 'Answer to Hume, etc.', in *op. cit.*

that of Godwin Austen to the same effect in 1840 ridiculed still more, if that were possible; and if all that excess of scientific skepticism and merriment could in 1865 finally come to grief, and be shown to have been entirely uncalled for; when, says Mr. Wallace, "all the previous reports for forty years were confirmed and shown to be even less wonderful than the reality" — who can be so credulous as to believe in the infallibility of our science? And why wonder at the exhibition of such a lack of moral courage in individual members of this great and stubborn body which represents modern science?

Thus fact after fact have been discredited. From all sides we hear constant complaints. "Very little is known of psychology!" sighs one F. R. S. "We must confess that we know little, if anything, in physiology," says another. "Of all sciences, there is none which rests upon so uncertain a basis as medicine," reluctantly testifies a third. "What do we know about the presumed nervous fluids? . . . Nothing, as yet," puts in a fourth one; and so on in every branch of science. And meanwhile phenomena, surpassing in interest all others of Nature, and to be solved only by physiology, psychology, and the study of the "as yet unknown" fluids, are either rejected as delusions, or even if true, "do not interest" scientists. Or what is still worse, when a *subject* whose organism exhibits in itself the most important features of such occult though natural potencies, offers his person for an investigation, instead of an honest experiment being attempted with him he finds himself entrapped by a scientist(?) and paid for his trouble with a sentence of three months' imprisonment! This is indeed promising.

It is easy to comprehend that a fact given in 1731, testifying to another fact which happened during the papacy of Paul III, for instance, is disbelieved in 1876. And when scientists are told that the Romans preserved lights in their sepulchers for countless years by the *oiliness of gold*; and that one of such ever-burning lamps was found brightly burning in the tomb of Tullia, the daughter of Cicero, notwithstanding that the tomb had been shut up fifteen hundred and fifty years ⁴⁶³ — they have a certain right to doubt and even disbelieve the statement, until they assure themselves on the evidence of their own senses that such a thing is possible. In such a case they can reject the testimony of all the ancient and medieval philosophers. The burial of living fakirs and their subsequent resuscitation, after thirty days of inhumation, may have a suspicious look to them. So also with the self-infliction by various lamas of mortal wounds, and the exhibition of their own bowels to the bystanders, followed by the almost instantaneous healing of such wounds.

463. Nath. Bailey: ΦΙΛΟΛΟΓΟΣ, edition of 1731.

For those who deny the evidence of their own senses as to phenomena produced in their own country, and before numerous witnesses, the narratives to be found in classical books and in the notes of travelers must of course seem absurd. But what we shall never be able to understand is the collective stubbornness, notwithstanding the bitter lessons of the past, on the part of these Academies and institutions which have so often "darkened counsel by words without knowledge." Like the Lord answering Job "out of the whirlwind," magic can say to modern science: "Where wast thou when I laid the foundations of the earth? declare, if thou hast understanding!" And, who art thou who dare say to Nature, "Hitherto shalt thou come, but no further; and here shall thy proud waves be stayed"?

But what matters it if they do deny? Could they prevent phenomena taking place in the four corners of the world, were their skepticism a thousand times more bitter? Fakirs will still be buried and resuscitated, to gratify the curiosity of European travelers; and lamas and Hindû ascetics will wound, mutilate, and even disembowel themselves, and find themselves all the better for it; and the denials of the whole world will not avail to extinguish the perpetually-burning lamps in certain of the subterranean crypts of India, Tibet, and Japan. One of such lamps is mentioned by the Rev. S. Mateer,^{463a} of the London Mission. In the temple of Trevandrum, in the kingdom of Travancore, South India, "there is a deep well inside the temple, into which immense riches are thrown year by year, and in another place, in a hollow covered by a stone, a great golden lamp, which was lit over 120 years ago, still continues burning," says this missionary in his description of the place. Catholic missionaries attribute these lamps, as a matter of course, to the obliging services of the devil. The more prudent Protestant divine mentions the fact, and makes no commentary. The Abbé Huc has seen and examined one of such lamps, and so have other people whose good luck it has been to win the confidence and friendship of Eastern lamas and divines. No more can be denied the wonders seen by Captain Lane in Egypt; the Benares experiences of Jacolliot and those of Sir Charles Napier; the levitations of human beings in broad daylight, which can only be accounted for by the explanations given in the Introductory chapter of the present work.⁴⁶⁴ Such levitations are testified to not only by Mr. Crookes, but by Professor Perty, who shows them produced in open air, and lasting sometimes twenty minutes; all these phenomena and many more have happened, do, and will happen in every country of this globe, and that in spite of all the skeptics and scientists that ever were evolved out of the Silurian mud.

463a. Cf. *The Land of Charity*.

464. See Art. on Aethrobacy.

Atomic Energy

Among the ridiculed claims of alchemy is that of the *perpetual* lamps. If we tell the reader that we have seen such, we may be asked — in case that the sincerity of our personal belief is not questioned — how can we tell that the lamps we have observed are perpetual, as the period of our observation was but limited? It is simply that, as we know the ingredients employed, and the manner of their construction, and the natural law applicable to the case, we are confident that our statement can be corroborated upon investigation in the proper quarter. What that quarter is, and from whom that knowledge can be learned, our critics must discover, by taking the pains we did. Meanwhile, however, we shall quote a few of the 173 authorities who have written upon the subject. None of these, as we recollect, has asserted that these sepulchral lamps would burn perpetually, but only for an indefinite number of years, and instances are recorded of their continuing alight for many centuries. It will not be denied that, if there is a natural law by which a lamp can be made without replenishment to burn ten years, there is no reason why the same law could not cause the combustion to continue one hundred or one thousand years.

Among the many well-known personages who firmly believed and strenuously asserted that such sepulchral lamps burned for several hundreds of years, and would have continued to burn *perhaps* forever, had they not been extinguished or the vessels broken by some accident, we may reckon the following names: Clemens Alexandrinus, Hermolaus Barbarus, Appian, Burattinus, Citesius, Coelius, Foxius, Costaeus, Casalius, Cedrenus, Delrius, Ericius, Gesnerus, Jacobonus, Leander, Libavius, Lazius, P. de la Mirandola, Philalethes, Licetus, Maiolus, Maturantius, Baptista Porta, Pancirollus, Ruscellius, Scardaeonius, Ludovicus Vives, Volateranus, Paracelsus, several Arabian alchemists, and finally, Pliny, Solinus, Kircher, and Albertus Magnus.

The discovery is claimed by the ancient Egyptians, those sons of the Land of Chemistry.⁴⁶⁵ At least, they were a people who used these lamps far more than any other nation, on account of their religious doctrines. The astral soul of the mummy was believed to be lingering about the body for the whole space of the three thousand years of the circle of necessity. Attached to it by a magnetic thread, which could only be broken by its own exertion, the Egyptians hoped that the ever-burning lamp, symbol of their incorruptible and immortal spirit, would at last decide the more material soul to part with its earthly dwelling, and unite forever with its divine SELF. Therefore lamps were hung in the sepulchers of the rich. Such lamps are often found in the subterranean caves

465. Psalm cv. 23. 'The land of Ham,' or $\square\Gamma$, 'hem; Sahidic, $\kappa\eta\mu$; Coptic $\chi\eta\mu$; whence the terms *alchemy* and *chemistry*.

of the dead, and Licetus has written a large folio showing that in his time, whenever a sepulcher was opened, a burning lamp was found within the tomb, but was instantaneously extinguished on account of the *desecration*. T. Livius, Burattinus, and Michael Schatta, in their letters to Kircher,⁴⁶⁶ affirm that they found many lamps in the subterranean caves of old Memphis. Pausanias⁴⁶⁷ speaks of the golden lamp in the temple of Minerva at Athens, which he says was the workmanship of Callimachus, and burned a whole year. Plutarch⁴⁶⁸ affirms that there was one in the temple of Jupiter Ammon, seen by Cleombrotus, that the priests assured him that it had burned continually for years, and that though it stood in the open air, neither wind nor water could extinguish it. Augustine, the Catholic authority, also describes a lamp in the fane of Venus, of the same nature as the others, inextinguishable either by the strongest wind or by water.⁴⁶⁹ A lamp was found at Edessa, says Cedrenus, "which, being hidden at the top of a certain gate, burned five hundred years." But of all such lamps, the one made by Olybius Maximus of Padua is by far the more wonderful. It was found near Atestes, and Scardaeonius⁴⁷⁰ gives a glowing description of it: "In a large earthen urn was contained a lesser, and in that a burning lamp, which had continued so for fifteen hundred years, by means of a most pure liquor contained in two bottles, one of gold and the other of silver. These are in the custody of Franciscus Maturantius, and are by him valued at an exceeding rate."⁴⁷¹

Taking no account of exaggerations, and putting aside as mere unsupported negation the denial by modern science of the possibility of such lamps, we would ask whether, in case these inextinguishable fires are found to have really existed in the ages of 'miracles,' the lamps burning at Christian shrines and those of Jupiter, Minerva, and other Pagan deities, ought to be differently regarded. According to certain theologians, it would appear that the former (for Christianity also claims such lamps) have burned by a *divine*, miraculous power, and that the light of the latter, made by 'heathen' art, was supported by the wiles of the devil. Kircher and Licetus⁴⁷² show that the light in such lamps was maintained in these two divers ways. The lamp at Antioch, which burned fifteen hundred years, in an open and public place, over the door of a church, was preserved by the "*power of God*," who "hath made so infinite a number of stars to burn with perpetual light." As to the Pagan lamps, Augustine assures us they were the work of the devil, "who

466. A. Kircher: *Oedipus aegypti*, theatr. hierogl., p. 544.

467. 'Attica,' xxvi.

468. *On the Cessation of Oracles*, § 2.

469. *The City of God*, XXI, vi.

470. Lib. I, Class 3, cap. ult.

471. Cf. Pausanias: *Descr. of Greece*

(T. Taylor), III, pp. 217-219: London, 1824.

472. *De lucernis antiquorum*.

deceives us in a thousand ways." What more easy for Satan than to deceive those, who first enter into such a subterranean cave, by a flash of light or a bright flame? This was asserted by all good Christians during the Papacy of Paul III, when upon opening a tomb in the Appian Way, at Rome, there was found the entire body of a young girl swimming in a bright liquor which had so well preserved it that the face was beautiful and like life itself. At her feet burned a lamp, whose flame vanished when the sepulcher was opened. Certain inscriptions showed the body to have been buried for over fifteen hundred years, and it was supposed to have been that of Tulliola, or Tullia, Cicero's daughter.⁴⁷³

Chemists and physicists deny that perpetual lamps are possible, alleging that whatever is resolved into vapor or smoke cannot be permanent, but must consume; and as the oily nutriment of a lighted lamp is exhaled in vapor, hence the fire cannot be perpetual for want of food. Alchemists, on the other hand, deny that all the nourishment of kindled fire must of necessity be converted into vapor. They say that there are things in nature which will not only resist the force of fire and remain inconsumable, but will also prove inextinguishable by either wind or water. In an old chemical work of the year 1700, called ΝΕΚΡΟ-ΚΗΔΕΙΑ, the author gives a number of refutations of the claims of various alchemists. But though he denies that a fire can be made to burn *perpetually*, he is half-inclined to believe it possible that a lamp should burn several hundred years. Besides we have a mass of testimony from alchemists who devoted years to these experiments and came to the conclusion that it was possible.

There are some peculiar preparations of gold, silver, and mercury; also of naphtha, petroleum, and other bituminous oils. Alchemists also mention the oil of camphor and amber, the *Lapis asbestos seu Amianthus*, the *Lapis Carystius*, *Cyprius*, and *Linum vivum seu Creteum*, as employed for such lamps. They affirm that such matter can be prepared either of gold or silver, reduced to fluid, and indicate that gold is the fittest *pabulum* for their wondrous flame, as, of all metals, gold wastes the least when either heated or melted, and, moreover, can be made to re-absorb its oily humidity as soon as exhaled, so continuously feeding its own flame when it is once lighted. The Kabalists assert that the secret was known to Moses, who had learned it from the Egyptians; and that the lamp ordered by the 'Lord' to burn on the tabernacle, was an inextinguishable lamp. "And thou shalt command the children of Israel,

473. The details of this story may be found in the work of Erasmus Franciscus, who quotes from Pflaumerus, Pancirollus (*Memorable Things known to the Ancients*), and many others.

that they bring thee pure oil-olive beaten for the light, *to cause the lamp to burn always*" (*Exod.*, xxvii, 20).

Licetus also denies that these lamps were prepared of metal, but on page 44 of his work mentions a preparation of quicksilver filtered seven times through white sand by fire, of which, he says, lamps were made that would burn perpetually. Both Maturantius and Citesius firmly believe that such a result can be obtained by a purely chemical process. This liquor of quicksilver was known among alchemists as *Aqua Mercurialis*, *Materia Metallorum*, *Perpetua Dispositio*, and *Materia prima Artis*, also *Oleum Vitri*. Trithemius and Bartolomeo Korndorf both made preparations for the inextinguishable fire, and left their recipes for it.⁴⁷⁴

Asbestos, which was known to the Greeks under the name of *Ἀσβεστος*, or *inextinguishable*, is a kind of stone, which once set on fire

474. "*Sulphur. Alum* ust. a $\frac{3}{4}$ iv.; sublime them into flowers to $\frac{3}{4}$ ij., of which add of crystalline Venetian borax (powdered) $\frac{3}{4}$ j.; upon these affuse high rectified spirit of wine and digest it, then abstract it and pour on fresh; repeat this so often till the sulphur melts like wax without any smoke, upon a hot plate of brass: this is for the *pabulum*, but the wick is to be prepared after this manner: gather the threads or thrums of the *Lapis asbestos*, to the thickness of your middle and the length of your little finger, then put them into a Venetian glass, and covering them over with the aforesaid depurated sulphur or aliment, set the glass in sand for the space of twenty-four hours, so hot that the sulphur may bubble all the while. The wick being thus besmeared and anointed, is to be put into a glass like a scallop-shell, in such manner that some part of it may lie above the mass of prepared sulphur; then setting this glass upon hot sand, you must melt the sulphur, so that it may lay hold of the wick, and when it is lighted, it will burn with a perpetual flame and you may set this lamp in any place where you please."

The other is as follows:

"*Rx. Salis tost.*, lb. j.; affuse over it strong wine vinegar, and abstract it to the consistency of oil; then put on fresh vinegar and macerate and distil it as before. Repeat this four times successively, then put into this vinegar *vit. antimonii subtilis laevigat.*, lb. j.; set it on ashes in a close vessel for the space of six hours, to extract its tincture, decant the liquor, and put on fresh, and then extract it again; this repeat so often till you have got out all the redness. Coagulate your extractions to the consistency of oil, and then rectify them in *Balneo Mariae (bain Marie)*. Then take the antimony, from which the tincture was extracted, and reduce it to a very fine meal, and so put it into a glass bolthead; pour upon it the rectified oil, which abstract and cohobate seven times, till such time as the powder has imbibed all the oil, and is quite dry. This extract again with spirit of wine, so often, till all the essence be got out of it, which put into a Venice matrass, well luted with paper five-fold, and then distil it so that the spirit being drawn off, there may remain at the bottom an inconsumable oil, to be used with a wick after the same manner with the sulphur we have described before."

"These are the eternal lights of Trithemius," says Libavius, his commentator, "which indeed, though they do not agree with the pertinacy of naphtha, yet these things can illustrate one another. Naphtha is not so durable as not to be burned, for it exhales and deflagrates, but if it be fixed by adding the juice of the *Lapis asbestinos* it can afford perpetual fuel," says this learned person.

We may add that we have ourselves seen a lamp so prepared, and we are told that since it was first lighted on May 2, 1871, it has not gone out. As we know the person who is making the experiment to be incapable of deceiving any one, being himself an ardent experimenter in Hermetic secrets, we have no reason to doubt his assertion.

cannot be consumed, as Pliny and Solinus tell us. Albertus Magnus describes it as a stone of an iron color, found mostly in Arabia. It is generally found covered with a hardly-perceptible oleaginous moisture, which upon the application of a lighted candle will immediately catch fire. Many were the experiments made by chemists to extract this indissoluble oil, but they are alleged to have all failed. But are our chemists prepared to say that the operation is utterly impracticable? If this oil could once be extracted there can be no question but it would afford a perpetual fuel. The ancients might well boast of having had the secret of the extraction, for, we repeat, there are experimenters living at this day who have succeeded. Chemists who have vainly tried it have asserted that the fluid or liquor chemically extracted from that stone was more of a watery than oily nature, and so impure and feculent that it could not burn; others affirmed, on the contrary, that the oil, as soon as exposed to the air, became so thick and solid that it would hardly flow, and when lighted emitted no flame, but escaped in dark smoke; whereas the lamps of the ancients are alleged to have burned with the purest and brightest flame, without emitting the slightest smoke. Kircher, who shows the practicability of purifying it, thinks the process so difficult as to be possible only for the highest adepts of alchemy.

Augustine, who attributes all these arts to the Christian scape-goat, the devil, is flatly contradicted by Ludovicus Vives,⁴⁷⁵ who shows that all such would-be magical operations are the result of man's industry and deep study of the hidden secrets of nature, wonderful and miraculous as they may seem. Hettore Podocatharo, a Cypriote knight,⁴⁷⁶ had both flax and linen made out of another asbestos, which Thomaso Porcacchi says ⁴⁷⁷ he saw at the house of this knight. Pliny calls this flax *linum rivum*, and Indian flax, and says it is made of *asbeston sive asbestinum*, a kind of flax of which they made cloth that was cleaned by throwing it in the fire. He adds that it was as precious as pearls and diamonds, for not only was it very rarely found but exceedingly difficult to be woven, on account of the shortness of the threads. Being beaten flat with a hammer, it is soaked in warm water, and when dried its filaments can be easily divided into threads like flax and woven into cloth. Pliny asserts that he had seen some towels made of it, and had assisted in an experiment to purify them by fire.⁴⁷⁸ Baptista Porta also states that he found the same, at Venice, in the hands of a Cyprian lady; he calls this discovery of Alchemy a *secretum optimum*.

Dr. Grew, in his *Catalogue of Curiosities at Gresham College* (London,

475. Commentary upon Augustine's *The City of God*.

476. The author of *De rebus Cypriis*, 1566 A. D.

477. *Funerali Antichi*: Venetia, 1591.

478. *Nat. Hist.*, XIX, iv.

1681), believes the art of making such linen, as well as its use, altogether lost, but it appears that it was not quite so, for we find the Museum Septalius boasting of the possession of thread, ropes, paper, and network made of this material as late as 1726; some of these articles were made moreover by the hand of Septalius, as we learn in Greenhill's *Art of Embalming*, p. 361. "Grew," says the author, "seems to make *Asbestinus Lapis* and *Amianthus* all one, and calls them in English the thrum-stone"; he says it grows in short threads or thrums, from about a quarter of an inch to an inch in length, parallel and glossy, as fine as those small, single threads the silk-worms spin, and very flexible like flax or tow. That the secret is not altogether lost is proved by the fact that some Buddhist convents in China and Tibet are in possession of it. Whether made of the fiber of one or the other of such stones, we cannot say, but we have seen in a monastery of female Talapains a yellow gown, such as the Buddhist monks wear, thrown into a large pit full of glowing coals and taken out two hours afterward as clean as if it had been washed with soap and water.

Similar severe trials of asbestos having taken place in Europe and America in our own times, the substance is being applied to various industrial purposes, such as roofing-cloth, incombustible dresses and fire-proof safes. A very valuable deposit on Staten Island, in New York harbor, yields the mineral in bundles, like dry wood, with fibers of several feet in length. The finer variety of asbestos, called *ἀμύαντος* (undefiled) by the ancients, took its name from the white, satin-like luster.

The ancients made the wick of their perpetual lamps from another stone also, which they called *Lapis Carystius*. The inhabitants of the city of Carystos seemed to have made no secret of it, as Matthaeus Raderus says in his work⁴⁷⁹ that they "kemb'd, spun, and wove this downy stone into mantles, table-linen, and the like, which when foul they purified again with fire instead of water." Pausanias; in *Attics* (xxvi), asserts that the wicks of lamps were made from this stone; but Plutarch says that it was no longer to be found in his time.⁴⁸⁰ Licetus is inclined to believe that the perpetual lamps used by the ancients in their sepulchers had no wicks at all, as very few have been found; but Ludovicus Vives is of a contrary opinion and affirms that he has seen quite a number of them.

Licetus, moreover, is firmly persuaded that a "pabulum for fire may be given with such an equal temperament as cannot be consumed but after a long series of ages, and so that neither the matter shall exhale

479. *Commentary on the 77th Epigram of the IXth Book of Martial.*

480. *On the Cessation of Oracles*, § § 2, 43.

but strongly resist the fire, nor the fire consume the matter, but be restrained by it, as it were with a chain, from flying upward." To this, Sir Thomas Browne,⁴⁸¹ speaking of lamps which have burned many hundred years, included in small bodies, observes that "this proceeds from the purity of the oil, which yields no fuliginous exhalations to suffocate the fire; for if air had nourished the flame, then it had not continued many minutes, for it would certainly in that case have been spent and wasted by the fire." But he adds, "the art of preparing this inconsumable oil is lost."

Not quite; and time will prove it, though all that we now write should fail to convince, like so many other truths.

We are told, on behalf of science, that she accepts no other mode of investigation than observation and experiment. Agreed; and have we not the records of say three thousand years of observation of facts going to prove the occult powers of man? As to experiment, what better opportunity could have been asked than the so-called modern phenomena have afforded? In 1869 various scientific Englishmen were invited by the London Dialectical Society to assist in an investigation of these phenomena. Let us see what our philosophers replied. Professor Huxley wrote: "I have no time for such an inquiry, which would involve much trouble and (unless it were unlike all inquiries of that kind I have known) much annoyance. . . . I take no interest in the subject . . . but supposing the phenomena to be genuine — they do not interest me."⁴⁸² Mr. George H. Lewes expressed his view in the following sentence: "When any man says that phenomena are produced by no known physical laws, he declares he knows the laws by which they are produced."⁴⁸³ Professor Tyndall expressed doubt as to the possibility of good results at any *séance* which he might attend. His presence, according to the opinion of Mr. Varley, threw everything in confusion.⁴⁸⁴ Professor Carpenter wrote, "I have satisfied myself by personal investigation, that, whilst a great number of what pass as such (*i. e.*, spiritual manifestations) are the results of intentional imposture, and many others of self-deception, there are certain phenomena which are quite genuine, and must be considered as fair subjects of scientific study . . . the source of these phenomena does not lie in any communication *ab-extra*, but depends upon the *subjective* condition of the individual, which operates according to certain recognised physiological laws . . . the process to which I have given the name '*unconscious cerebration*' . . .

481. *Enquiries into Vulgar Errors*, p. 124: London, 1646.

482. London Dialectical Society's *Report on Spiritualism*, p. 229.

483. *Ibid.*, p. 230.

484. *Ibid.*, p. 265.

performs a large part in the production of the phenomena known as spiritualistic." ⁴⁸⁵

And it is thus that the world is apprised through the organ of exact science that *unconscious cerebration* has acquired the faculty of making guitars fly in the air and forcing furniture to perform various clownish tricks!

So much for the opinions of the English scientists. The Americans have not done much better. In 1857 a committee of Harvard University warned the public against investigating this subject, which "corrupts the morals and degrades the intellect." They called it, furthermore, "a contaminating influence, which surely tends to lessen the truth of man and the purity of woman." Later, when Professor Robert Hare, the great chemist, defying the opinions of his contemporaries, investigated spiritualism, and became a believer, he was immediately declared *non compos mentis*; and in 1874, when one of the New York daily papers addressed a circular letter to the principal scientists of this country, asking them to investigate, and offering to pay the expenses, they, like the guests bidden to the supper, "with one consent, began to make excuse."

Yet, despite the indifference of Huxley, the jocularity of Tyndall, and the "unconscious cerebration" of Carpenter, many a scientist as noted as any of them has investigated the unwelcome subject, and, overwhelmed with the evidence, has become converted. Another scientist and a great author — although not a spiritualist — bears this honorable testimony: "That the spirits of the dead occasionally revisit the living, or haunt their former abodes, has been in all ages, in all European countries, a fixed belief, not confined to rustics, but participated in by the intelligent. . . . If human testimony on such subjects can be of any value, there is a body of evidence reaching from the remotest ages to the present time, as *extensive and unimpeachable as is to be found* in support of anything whatever." ⁴⁸⁶

Unfortunately, human skepticism is a stronghold capable of defying any amount of testimony. And to begin with Mr. Huxley, our men of science accept of but so much as suits them, and no more.

"Oh shame to men! Devil with devil damned
Firm concord holds,—*men* only disagree
Of creatures rational, . . ." ⁴⁸⁷

How can we account for such divergence of views among men taught out of the same text-books and deriving their knowledge from the same

485. *Report on Spiritualism*, p. 266.

486. Draper: *Confl. betw. Rel. and Sc.*, pp. 120-1.

487. Milton: *Paradise Lost*, Bk. II.

source? Clearly, this is but one more corroboration of the truism that no two men see the same thing exactly alike. This idea is admirably formulated by Dr. J. J. Garth Wilkinson, in a letter to the Dialectical Society.

"I have long," says he, "been convinced, by the experience of my life as a pioneer in several heterodoxies which are rapidly becoming orthodoxies, that nearly all truth is temperamental to us, or given in the affections and intuitions, and that discussion and inquiry do little more than feed temperament."

This profound observer might have added to his experience that of Bacon, who remarks that ". . . a *little* philosophy inclineth a man's mind to atheism, but *depth* in philosophy bringeth man's mind about to religion."

Professor Carpenter vaunts the advanced philosophy of the present day which "ignores no fact however strange that can be attested by valid evidence"; and yet he would be the first to reject the claims of the ancients to philosophical and scientific knowledge, although based upon evidence quite as "valid" as that which supports the pretensions of men of our times to philosophical or scientific distinction. In the department of science, let us take for example the subjects of electricity and electro-magnetism, which have exalted the names of Franklin and Morse to so high a place upon our roll of fame. Six centuries before the Christian era Thales is said to have described the electric properties of amber; and the later researches of Schweigger, as given in his extensive works on Symbolism, have thoroughly demonstrated that all the ancient mythologies were based on the science of natural philosophy, and show that the most occult properties of electricity and magnetism were known to the theurgists of the earliest Mysteries recorded in history, those of Samothrace. Diodorus of Sicily, Herodotus, and Sanchoniathon the Phoenician — the oldest of historians — tell us that these Mysteries originated in the night of time, centuries and probably thousands of years prior to the historical period. One of the best proofs of it we find in a most remarkable picture in Raoul-Rochette's *Monuments d'antiquité figurés*,⁴⁸⁸ in which, like the "erect-haired Pan," all the figures have their hair streaming out in every direction — except the central figure of the Kabirian Demeter, from whom the power issues, and one other, a kneeling man.⁴⁸⁹ The picture, according to Schweigger, evidently represents a part of the ceremony of initiation. And yet it is not so long since the elementary works on natural philosophy began to be ornamented with cuts of *electrified* heads, with hair

488. Plate 58.

489. Ennemoser: *The History of Magic*, II, p. 51; and Schweigger: *Introduction to Mythology through Natural History*, pp. 132, 228; Halle, 1836.

standing out in all directions, under the influence of the electric fluid. Schweigger shows that a *lost natural philosophy of antiquity* was connected with the most important religious ceremonies. He demonstrates in the amplest manner that *magic* in the prehistoric periods had a part in the Mysteries and that the greatest phenomena, the so-called miracles — whether Pagan, Jewish or Christian — rested in fact on the arcane knowledge of physics and all the branches of chemistry, or rather alchemy, possessed by the ancient priests.

In chapter xi, entirely devoted to the wonderful achievements of the ancients, we propose to demonstrate our assertions more fully. We will show, on the evidence of the most trustworthy classics, that at a period far anterior to the siege of Troy the learned priests of the sanctuaries were thoroughly acquainted with electricity and even lightning-conductors. We shall now add but a few more words before closing the subject.

The theurgists so well understood the minutest properties of magnetism that, without possessing the lost key to their arcana, but depending wholly upon what was known in their modern days of electromagnetism, Schweigger and Ennemoser have been able to trace the identity in meaning of the 'twin brothers,' the Dioscuri, with the polarity of electricity and magnetism. Symbolical myths, previously supposed to be meaningless fictions, are now found to be "the cleverest and at the same time most profound expressions of a strictly scientifically defined truth of nature," according to Ennemoser.⁴⁹⁰

Our physicists pride themselves on the achievements of our century and exchange antiphonal hymns of praise. The eloquent diction of their class-lectures, their flowery phraseology, require but a slight modification to change these lectures into melodious sonnets. Our modern Petrarchs, Dantes, and Torquato Tassos rival the troubadours of old in their poetical effusions. In their unbounded glorification of matter, they sing the amorous commingling of the wandering atoms, and the loving interchange of protoplasms, and lament the coquettish fickleness of 'forces' which play so provokingly at hide-and-seek with our grave professors in the great drama of life, called by them 'force-correlation.' Proclaiming matter sole and autocratic sovereign of the Boundless Universe, they would forcibly divorce her from her consort, and place the widowed queen on the great throne of nature made vacant by the exiled spirit. And now they try to make her appear as attractive as they can by incensing and worshipping at the shrine of their own building. Do they forget, or are they utterly unaware of the fact, that in the absence of its

490. *The History of Magic*, II, p. 23.

legitimate sovereign this throne is but a whited sepulcher, inside of which all is rottenness and corruption! Matter without the spirit which vivifies it, and of which it is but the 'gross purgation,' to use a Hermetic expression, is nothing but a soulless corpse, whose limbs, in order to be moved in predetermined directions, require an intelligent operator at the great galvanic battery called LIFE!

In what particular is the knowledge of the present century so superior to that of the ancients? When we say knowledge, we do not mean the brilliant and clear definition of details, even the most trifling — in every branch of the 'exact' sciences — achieved by our modern scholars; nor the erudition which finds an appropriate term for every item, however insignificant and microscopic; a name for every nerve and artery in human and animal organisms; an appellation for every cell, filament, and rib in a plant; but we mean the philosophical and ultimate expression of every truth in nature.

The greatest ancient philosophers are accused of shallowness and a superficiality of knowledge in regard to those details in exact sciences of which the moderns boast so much. Plato is declared by his various commentators to have been utterly ignorant of the anatomy and functions of the human body; to have known nothing of the function of the nerves to convey sensations; and to have had nothing better to offer than vain speculations concerning physiological questions. He has simply generalized the divisions of the human body, they say, and given nothing suggesting anatomical facts. As to his own views on the human frame, the microcosm being in his opinion the image in miniature of the macrocosm, they are much too transcendental to be given the least attention by our exact and materialistic skeptics. The idea of the human frame, like the universe, being formed out of triangles seems preposterously ridiculous to several of his translators. Among these latter Professor Jowett alone, in his introduction to the *Timaeus*, honestly remarks that the modern physical philosopher "hardly allows to his [Plato's] notions the merit of being 'the dead men's bones' out of which he himself has risen to a higher knowledge"⁴⁹¹ — the modern forgetting how much the metaphysics of olden times has helped the 'physical' sciences of the present day. If, instead of quarreling with the insufficiency and at times absence of terms and definitions strictly scientific in Plato's works, we analyse their wording carefully, the *Timaeus* alone will be found to contain within its limited space the germs of every new discovery. The circulation of the blood and the law of gravitation are clearly mentioned, though the former truth, it may be, is not so clearly defined as to withstand the reiterated

491. *The Dialogues of Plato*, II, p. 508.

attacks of modern science; for according to Prof. Jowett the specific discovery that the blood flows out at one side of the heart through the arteries, and returns through the veins at the other, was unknown to Plato, though he was perfectly aware that "blood is a fluid in constant motion."

Plato's method, like that of geometry, was to descend from universals to particulars. Modern science vainly seeks a first cause among the permutations of molecules; Plato sought and found it amid the majestic sweep of worlds. For him it was enough to know the great scheme of creation and to be able to trace the mightiest movements of the universe through their changes to their ultimates. The petty details, whose observation and classification have so taxed and demonstrated the patience of modern scientists, occupied but little of the attention of the old philosophers. Hence, while a fifth-form boy of an English school can prate more learnedly about the little things of physical science than Plato himself, yet on the other hand the dullest of Plato's disciples could tell more about great cosmic laws and their mutual relations, and demonstrate a familiarity with and control over the occult forces which lie behind them, than the most learned professor in the most distinguished academy of our day.

This fact, so little appreciated and never dwelt upon by most of Plato's translators, accounts for the self-laudation in which we moderns indulge at the expense of that philosopher and his compeers. Their alleged mistakes in anatomy and physiology are magnified to an inordinate extent to gratify our self-love, until, in building up the idea of our own superior learning, we lose sight of the intellectual splendor which adorns the ages of the past; it is as if one should, in fancy, magnify the solar spots until he should believe the bright luminary to be totally eclipsed.

The unprofitableness of modern scientific research is evinced in the fact that while we have a name for the most trivial particle of mineral, plant, animal, and man, the wisest of our teachers are unable to tell us anything definite about the vital force which produces the changes in these several kingdoms. It is necessary to seek no further for corroboration of this statement than the works of our highest scientific authorities themselves.

It requires no little moral courage in a man of eminent professional position to do justice to the acquirements of the ancients, in the face of a public sentiment which is content with nothing else than their abasement. When we meet with a case of the kind we gladly lay a laurel at the feet of the bold and honest scholar. Such is Professor Jowett, Master of Balliol College, and Regius Professor of Greek in the University of Oxford, who, in his translation of Plato's works, speaking of "the physical philosophy of the ancients as a whole," gives them credit for

the following items of scientific knowledge. He says: 1. "That the nebular theory was the received belief of the early physicists." Therefore it could not have rested, as Draper asserts,⁴⁹² upon the telescopic discovery made by Herschel I. 2. That "the development of animals out of frogs who came to land, and of man out of the animals, was held by Anaximenes in the sixth century before Christ." The professor might have added that this theory antedated Anaximenes by some thousands of years, perhaps; that it was an accepted doctrine among Chaldaeans; and that Darwin's evolution of species and monkey theory are of an antediluvian origin. 3. That, "even by Philolaus and the early Pythagoreans, the earth was held to be a body like the other stars revolving in space."⁴⁹³ Thus Galileo, studying some Pythagorean fragments, which are shown by Reuchlin to have existed in the days of the Florentine mathematician;⁴⁹⁴ being moreover familiar with the doctrines of the old philosophers, only reasserted an astronomical doctrine which prevailed in India from the remotest antiquity. 4. That the ancients ". . . thought that there was a sex in plants as well as in animals." Thus our modern naturalists had but to follow in the steps of their predecessors. 5. That "musical notes depended on the relative length and tension of the strings by which they were emitted, and were measured by ratios of number." 6. That "mathematical laws pervaded the world and even qualitative differences were supposed to have their origin in number"; and 7, that "the annihilation of matter was denied by them, and held to be a *transformation* only." "Although one of these discoveries might have been supposed to be a happy guess," adds Mr. Jowett, "we can hardly attribute them all to mere coincidences."⁴⁹⁵

In short, the Platonic philosophy was one of order, system and proportion; it embraced the evolution of worlds and species, the correlation and conservation of energy, the transmutation of material form, the indestructibility of matter and of spirit. Its position in the latter respect was thus far in advance of modern science, binding the arch of that

492. *Conflict between Religion and Science*, p. 240.

493. Plutarch: I, Numa, § xi.

494. Some kabalistic scholars assert that the Greek original Pythagoric sentences of Sextus, which are now said to be lost, existed still, in a convent at Florence, at that time, and that Galileo was acquainted with these writings. They add moreover that a treatise on astronomy, a manuscript by Archytas, a direct disciple of Pythagoras, in which were noted all the most important doctrines of the Pythagorean school, was in the possession of Galileo. Had some *Rufinus* got hold of it, he would no doubt have perverted it, as Presbyter Rufinus has perverted the above-mentioned sentences of Sextus, replacing them with a fraudulent version, the authorship of which he sought to ascribe to a certain Bishop Sixtus. See Taylor's Introduction to Iamblichus' *Life of Pythagoras*, p. xvii.

495. Jowett: Introduction to the *Timaeus*, II, p. 508.

philosophical system with a keystone at once perfect and immovable. If science has made such colossal strides during these latter days — if we have such clearer ideas of natural law than the ancients — why are our inquiries as to the nature and source of life unanswered? If the modern laboratory is so much richer in the fruits of experimental research than those of the olden time, how comes it that we make no step except on paths that were trodden long before the Christian era? How does it happen that the most advanced standpoint that has been reached in our times, only enables us to see in the dim distance up the Alpine path of knowledge the monumental proofs that earlier explorers have left to mark the plateaux they had reached and occupied?

If modern masters are so much in advance of the old ones, why do they not restore to us the lost arts of our postdiluvian forefathers? Why do they not give us the unfading colors of Luxor, the bright vermillion and dazzling blue which decorate the walls of this place, and are as bright as on the first day of their application; the Tyrian purple; the indestructible cement of the pyramids and of ancient aqueducts; the Damascus blade, which can be turned like a corkscrew in its scabbard without breaking; the gorgeous, unparalleled tints of the stained glass that is found amid the dust of old ruins and beams in the windows of ancient cathedrals; and the secret of the true malleable glass? And if chemistry is so little able to rival even with the early mediæval ages in some arts, why boast of achievements which, according to strong probability, were perfectly known thousands of years ago? The more archaeology and philology advance, the more humiliating to our pride are the discoveries which are daily made, the more glorious testimony do they bear on behalf of those who, perhaps on account of the remoteness of their antiquity, have been until now considered ignorant flounders in the deepest mire of superstition.

Why should we forget that, ages before the prow of the adventurous Genoese clove the Western waters, the Phœnician vessels had circumnavigated the globe, and spread civilization in regions now silent and deserted? What archaeologist will dare assert that the same hand which planned the Pyramids of Egypt, Karnak, and the thousand ruins now crumbling to oblivion on the sandy banks of the Nile, did *not* erect the monumental Nagkon-Wat of Cambodia? or trace the hieroglyphics on the obelisks and doors of the deserted Indian village, newly discovered in British Columbia by Lord Dufferin? or those on the ruins of Palenque and Uxmal of Central America? Do not the relics we treasure in our museums — last mementos of the 'long-lost arts' — speak loudly in favor of ancient civilization? And do they not prove, over and over again, that nations and continents that have passed away have buried

along with them arts and sciences, which neither the first crucible ever heated in a medieval cloister, nor the last cracked by a modern chemist, have revived, nor will — at least, in the present century?

"They were not without some knowledge of optics," Professor Draper magnanimously concedes to the ancients; others positively deny to them even that little. "The convex lens found at Nimrud shows that they were not unacquainted with magnifying instruments."⁴⁹⁶ Indeed? If they were not, all the classical authors must have lied. For, when Cicero tells us that he had seen the entire *Iliad* written on skin of such a miniature size, that it could easily be rolled up inside a nut-shell, and Pliny⁴⁹⁷ asserts that Nero had a ring with a small glass in it, through which he watched the performance of the gladiators at a distance — could audacity go farther? Truly, when we are told that Mauritius could see from the promontory of Sicily over the entire sea to the coast of Africa, with an instrument called *nauscopite*, we must either think that all these witnesses lied, or that the ancients were more than slightly acquainted with optics and magnifying glasses. Wendell Phillips states that he has a friend who possesses an extraordinary ring "perhaps three-quarters of an inch in diameter, and on it is the naked figure of the god Hercules. By the aid of glasses, you can distinguish the interlacing muscles, and count every separate hair on the eyebrows. . . . Rawlinson brought home a stone about twenty inches long and ten wide, containing an entire treatise on mathematics. It would be perfectly illegible without glasses. . . . In Dr. Abbott's Museum, there is a ring of Cheops, to which Bunsen assigns 500 B. C. The signet of the ring is about the size of a quarter of a dollar, and the engraving is *invisible* without the aid of glasses. . . . At Parma they will show you a gem once worn on the finger of Michelangelo, of which the engraving is 2000 years old, and on which there are the figures of *seven* women. You must have the aid of powerful glasses in order to distinguish the forms at all. . . . So the microscope," adds the learned lecturer, "instead of dating from our time, finds its brothers in the Books of Moses — and these are infant brothers."

The foregoing facts do not seem to show that the ancients had merely "some knowledge of optics." Therefore, totally disagreeing in this particular with Professor Fiske and his criticism of Professor Draper's *Conflict* in his *Unseen World*, the only fault we find with the admirable book of Draper is that, as a historical critic, he sometimes uses his own optical instruments in the wrong place. While, in order to magnify the atheism of the Pythagorean Bruno, he looks through convex lenses;

496. *Conflict betw. Religion and Science*, ch. i, p. 14.

497. *Nat. Hist.*, XXXVII, xvi.

whenever talking of the knowledge of the ancients, he evidently sees things through *concave* ones.

The cautious attempts made in various modern works by both pious Christians and skeptical, albeit very learned, men to draw a line of demarcation between what, in the ancient authors, we are and what we are not to believe, are really worthy of admiration. No credit is ever allowed them unless followed by a qualifying caution. If Strabo tells us that ancient Nineveh was forty-seven miles in circumference, and his testimony is accepted, why should it be otherwise the moment he testifies to the accomplishment of Sibylline prophecies? Where is the common sense in calling Herodotus the 'Father of History,' and then accusing him, in the same breath, of silly gibberish whenever he recounts marvelous manifestations of which he was an eye-witness? Perhaps after all such a caution is more than ever necessary, now that our epoch has been christened the Century of Discovery. The disenchantment may prove too cruel for Europe. Gunpowder, which has long been thought an invention of Bacon and Schwartz, is now shown in the school-books to have been used by the Chinese for leveling hills and blasting rocks centuries before our era. "In the Museum of Alexandria," says Draper, "there was a machine invented by Hero, the mathematician, a little more than 100 years B. C. It revolved by the agency of steam, and was of the form that we should now call a reaction-engine. . . . Chance had nothing to do with the invention of the modern steam-engine."⁴⁹⁸ Europe prides herself upon the discoveries of Copernicus and Galileo, and now we are told that the astronomical observations of the Chaldeans extend back to within a hundred years of the flood; and Bunsen fixes the flood at not less than 10,000 years before our era.⁴⁹⁹ Moreover a Chinese emperor, more than 2000 years before the birth of Christ (*i. e.*, before Moses), put to death his two chief astronomers for not predicting an eclipse of the sun.

It may be noted, as an example of the inaccuracy of current notions as to the scientific claims of the present century, that the discoveries of the indestructibility of matter and force-correlation, especially the latter, are heralded as among our crowning triumphs. It is "the most important discovery of the present century," as Sir William Armstrong expressed it in his famous address as president of the British Association. But this "important discovery" is no discovery after all. Its origin, apart from the undeniable traces of it to be found among the old philosophers, is lost in the dense shadows of prehistoric days. Its primary rudiments are discovered in the dreamy speculations of Vedic theology, in

498. *Conflict between Religion and Science*, ch. xi, p. 311.

499. *Egypt's Place in Universal History*, V, p. 88.

the doctrine of emanation and absorption, the Nirvāna in short. John Erigena outlined it in his bold philosophy in the eighth century, and we invite anyone who would convince himself of this truth to read his *De divisione naturae*. Science affirms that when the theory of the indestructibility of matter (also a very, very old idea of Democritus, by the way) was demonstrated, it became necessary to extend it to force. No material particle can ever be lost; no part of the force existing in nature can vanish; hence force was likewise proved indestructible, and its various manifestations or forces, under divers aspects, were shown to be mutually convertible, and but different modes of motion of the material particles. And thus was rediscovered the force-correlation. Mr. Grove, so far back as 1843, gave to each of these forces, such as heat, electricity, magnetism, and light, the character of convertibility; making them capable of being at one moment a cause, and at the next an effect.⁵⁰⁰ But whence come these forces, and whither do they go, when we lose sight of them? On this point science is silent.

The theory of 'force-correlation,' though it may be in the minds of our contemporaries 'the greatest discovery of the age,' can account for neither the beginning nor the end of one of such forces; neither can the theory point out the cause of it. Forces may be convertible, and one may produce the other, still, no exact science is able to explain the alpha and omega of the phenomenon. In what particular are we then in advance of Plato who, discussing in the *Timaeus* the primary and secondary qualities of matter, and the feebleness of human intellect, is thus paraphrased by Jowett: "God knows the original qualities of things; man can only hope to attain to probability."⁵⁰¹ We have but to open one of the several pamphlets of Huxley and Tyndall to find precisely the same confession; but they improve upon Plato by not allowing even God to know more than themselves; and perhaps it may be upon this that they base their claims of superiority. The ancient Hindûs founded their doctrine of emanation and absorption on precisely that law. Tò 'Ov, the primordial point in the boundless circle, "whose circumference is nowhere, and the center everywhere," emanating from itself all things, and manifesting them in the visible universe under multifarious forms; the forms interchanging, commingling, and after a gradual transformation from the pure spirit (or the Buddhistic '*nothing*'), into the grossest matter, beginning to recede and as gradually emerge into their primitive state, which is the absorption into Nirvāna⁵⁰² — what else is this but correlation of forces?

500. W. R. Grove: *The Correlation of Physical Forces*, Preface: London, 1843.

501. *Dialogues of Plato*, Introd. to *Timaeus*, § 8.

502. Beginning with Godfrey Higgins and ending with Max Müller, every archaeologist

Science tells us that heat may be shown to develop electricity, electricity to produce heat; and magnetism to evolve electricity, and *vice versa*. Motion, they tell us, results from motion itself, and so on, *ad infinitum*. This is the A B C of occultism and of the earliest alchemists. The indestructibility of matter and force being discovered and proved, the great problem of eternity is solved. What need have we more of spirit? its uselessness is henceforth scientifically demonstrated!

Thus modern philosophers may be said not to have gone one step beyond what the priests of Samothrace, the Hindûs, and even the Christian Gnostics well knew. They of Samothrace have shown it in that wonderfully ingenious mythos of the Dioscuri, or 'the sons of heaven,' the twin brothers, spoken of by Schweigger, "who constantly die and return to life together, while it is absolutely necessary *that one should die that the other may live.*"⁵⁰³ They knew as well as our physicists, that when a force has disappeared it has simply been converted into another force. Though archaeology may not have discovered any ancient apparatus for such special conversions, it may nevertheless be affirmed with perfect reason and upon analogical deductions that nearly all the ancient religions were based on such indestructibility of matter and force — plus the emanation of the whole from an ethereal, spiritual fire, or the central sun, which is God or spirit, on the knowledge of whose potentiality is based ancient theurgic magic.

In the manuscript commentary of Proclus on magic he gives the following account: "In the same manner as lovers gradually advance from that beauty which is apparent in sensible forms, to that which is divine; so the ancient priests, when they considered that there is a certain alliance and sympathy in natural things with one another, and of things manifest to occult powers, and discovered that all things subsist in all, fabricated a sacred science from this mutual sympathy and similarity. Thus they recognised things supreme in such as are subordinate, and the subordinate in the supreme: in the celestial regions, terrene properties subsisting in a causal and celestial manner; and on Earth celestial properties, existing according to a terrene condition."⁵⁰⁵

Proclus then proceeds to point to certain mysterious peculiarities of

and philologist who has fairly and seriously studied the old religions, has perceived that taken literally they could only lead them on a false track. Dr. Lardner disfigured and misrepresented the old doctrines — whether unwittingly or otherwise — in the grossest manner. The *pravriti*, or the existence of nature when alive, in activity, and the *nirvriti*, or rest, the state of non-living, is the Buddhistic esoteric doctrine. The 'pure nothing,' or non-existence, if translated according to the esoteric sense, would mean the 'pure spirit,' the NAMELESS, or something our intellect is unable to grasp, hence *no-thing*. But we will speak of it further.

503. *Introduction to Mythology through Natural History*, pp. 132, 228.

plants, minerals, and animals, all of which are well known to our naturalists, but none of which are explained. Such are the rotatory motion of the sunflower and the heliotrope; the habits of the lotus — which, before the rising of the sun, folds its leaves, drawing the petals within itself, so to say, then expands them gradually as the sun rises, and draws them in again as it descends to the west — of the sun- and lunar-stones and the helioselenus, of the cock and lion, and other animals. "Now the ancients," he says, "having contemplated this mutual sympathy of things [celestial and terrestrial], applied for occult purposes both celestial and terrene natures, by means of which, through a certain similitude, they deduced divine virtues into this inferior abode. . . . All things are full of divine natures; terrestrial natures receiving the plenitude of such as are celestial, but celestial of *supercelestial* essences; while every order of things proceeds gradually in a beautiful descent from *the highest to the lowest*.⁵⁰⁴ For whatever particulars are collected into one above the order of things, are afterwards dilated in descending, *various souls being distributed under various ruling divinities*."⁵⁰⁵

Evidently Proclus does not here refer to a superstition, but to science; for notwithstanding that it is occult, and unknown to our scholars who deny its possibilities, magic is still a science. It is firmly and solely based on the mysterious affinities existing between organic and inorganic bodies, the visible productions of the four kingdoms, and the invisible powers of the universe. That which science calls gravitation, the ancients and the medieval Hermetists called magnetism, attraction, affinity. It is the universal law, which is understood by Plato and explained in *Timaeus* (§ 37) as the attraction of lesser bodies to larger ones, and of similar bodies to similar, the attracting bodies exhibiting a magnetic power rather than following the law of gravitation. The known fact expressed by the anti-Aristotelian formula that *gravity causes all bodies to descend with equal rapidity, without reference to their weight*, would seem to point a great deal more forcibly to *magnetism* than to gravitation, the former attracting rather in virtue of the substance than of the weight. A thorough familiarity with the occult properties of all things existing in nature, visible as well as invisible; their mutual relations, attractions, and repulsions; the cause of these, traced to the *spiritual* principle which pervades and animates everything; the ability to furnish the best conditions for this principle to manifest itself, in other words a profound and exhaustive knowledge of natural law — this *was* and *is* the basis of magic.

504. This is the exact opposite of the modern theory of evolution.

505. M. Ficino: *Procli de anima ac daemone, de sacrificio et magia*: Venice, 1497. Cf. T. Taylor: *The Works of Plato*, I, 63-65, note: London, 1804.

In his notes on *Ghosts and Goblins*, when reviewing some facts adduced by certain illustrious defenders of the spiritual phenomena — such as Professor de Morgan, Mr. Robert Dale Owen, and Mr. Wallace among others — Mr. Richard A. Proctor says that he “cannot see any force in the following remarks by Professor Wallace: ‘How is such evidence as this,’ he (Wallace) says, speaking of one of Owen’s stories, ‘refuted or explained away? Scores, and even hundreds, of equally-attested facts are on record, but no attempt is made to explain them. They are simply ignored, and in many cases admitted to be inexplicable.’” To this Mr. Proctor jocularly replies that as “our philosophers declare that they have long ago decided these ghost stories to be all delusions; *therefore* they need only be ignored; and they feel much ‘worritted’ that fresh evidence should be adduced, and fresh converts made, some of whom are so unreasonable as to ask for a new trial on the ground that the former verdict was contrary to the evidence.”

“All this,” he goes on to say, “affords excellent reason why the ‘converts’ should not be ridiculed for their belief; but something more to the purpose must be urged before ‘the philosophers’ can be expected to devote much of their time to the inquiry suggested. It ought to be shown that *the well-being of the human race is to some important degree concerned in the matter*, whereas the trivial nature of all ghostly conduct hitherto recorded is admitted even by converts!”

Mrs. Emma Hardinge Britten has collected a great number of authenticated statements from secular and scientific journals, which show with what serious questions our scientists sometimes replace the vexed subject of ‘Ghosts and Goblins.’ She quotes from a Washington paper a report of one of their solemn conclaves, held on the evening of April 29th, 1854. Professor Hare, of Philadelphia, the venerable chemist, who was so universally respected for his individual character, as well as for his life-long labors for science, “was *bullied* into silence” by Professor Henry as soon as he had touched the subject of spiritualism. “The impertinent action of one of the members of the ‘American Scientific Association,’” says the authoress, “was sanctioned by the majority of that distinguished body and subsequently endorsed by *all* of them in their proceedings.”⁵⁰⁶ On the following morning, in the report of the session, the *Spiritual Telegraph* thus commented upon the events:

“It would seem that a subject like this [presented by Professor Hare] was one which would lie peculiarly within the domain of ‘science.’ But the ‘American Association for the Promotion of Science,’⁵⁰⁷ decided

506. E. Hardinge: *Modern American Spiritualism*, p. 119: New York, 1870.

507. The full and correct name of this learned Society is — ‘The American Association

that it was either unworthy of their attention or dangerous for them to meddle with, and so they voted to put the invitation on the table. We cannot omit in this connexion to mention that the 'American Association for the Promotion of Science' held a very learned, extended, grave, and profound discussion at the same session *upon the cause why 'roosters crow between twelve and one o'clock at night!'*" A subject worthy of philosophers; and one, moreover, which must have been shown to affect "the well-being of the human race" to a *very* "important degree."

One has only to express one's belief in the existence of a mysterious sympathy between the life of certain plants and that of human beings, to insure oneself being made the object of ridicule. Nevertheless there are many well-authenticated cases going to show the reality of such an affinity. Persons have been known to fall sick simultaneously with the uprooting of a tree planted upon their natal day, and dying when the tree died. Reversing affairs, it has been known that a tree, planted under the same circumstances, withered and died simultaneously with the person whose twin brother, so to speak, it was. The former would be called by Mr. Proctor an "effect of the imagination"; the latter a "curious coincidence."

Max Müller gives a number of such cases in his essay *On Manners and Customs*. He shows this popular tradition existing in Central America, India and Germany. He traces it over nearly all Europe; finds it among the Maori warriors, in British Guiana, and in Asia. Reviewing Tylor's *Researches into the Early History of Mankind*, a work in which are brought together quite a number of such traditions, the great philologist very justly remarks: "If it occurred in Indian and German tales only, we might consider it as ancient Aryan property; but when we find it again in Central America, nothing remains but either to admit a later communication between European settlers and native American story-tellers . . . or to inquire whether there is not some intelligible and truly human element in this supposed sympathy between the life of flowers and the life of man."⁵⁰⁸

The present generation of men, who believe in nothing beyond the superficial evidence of their senses, will doubtless reject the very idea of such a sympathetic power existing in plants, animals, and even stones. The scales covering their inner sight allow them to see but that which they cannot well deny. The author of the *Asclepian Dialog* furnishes us with a reason that might perhaps fit the present period and account for this epidemic of unbelief. In our century, as then, "there is a

for the *Advancement of Science*.' It is, however, often called for brevity's sake, 'The American Scientific Association.'

508. *Chips from a German Workshop*, II, pp. 268-9.

lamentable departure of divinity from man, when nothing worthy of heaven or celestial concerns is heard or believed, and when every divine voice is by a *necessary* silence dumb." ⁵⁰⁹ Or, as the Emperor Julian has it, "the *little* soul" of the skeptic "is indeed acute, but sees nothing with a vision healthy and sound."

We are at the bottom of a cycle and evidently in a state of transition. Plato divides the intellectual progress of the universe during every cycle into fertile and barren periods. In the sublunary regions the spheres of the various elements remain eternally in perfect harmony with the divine nature, he says; "but their parts," owing to a too close proximity to earth, and their commingling with the *earthly* (which is matter, and therefore the realm of evil), "are sometimes according, and sometimes contrary, to (divine) nature." When those circulations — which Éliphas Lévi calls "currents of the astral light" — in the universal ether which contains in itself every element, take place in harmony with the divine spirit, our earth and everything pertaining to it enjoys a fertile period. The occult powers of plants, animals, and minerals magically sympathize with the "superior natures," and the divine soul of man is in intelligent accord with these "inferior" ones. But during the barren periods the latter lose their magic sympathy, and the spiritual sight of the majority of mankind is so blinded as to lose every notion of the superior powers of its own divine spirit. We are in a barren period: the eighteenth century, during which the malignant fever of skepticism broke out so irrepressibly, has entailed unbelief as a hereditary disease upon the nineteenth. The divine intellect is veiled in man; his animal brain alone *philosophizes*.

Formerly, magic was a universal science, entirely in the hands of the sacerdotal savant. Though the focus was jealously guarded in the sanctuaries, its rays illuminated the whole of mankind. Otherwise, how are we to account for the extraordinary identity of 'superstitions,' customs, traditions, and even sentences repeated in popular proverbs so widely scattered from one pole to the other that we find exactly the same ideas among the Tatars and Laplanders as among the southern nations of Europe, the inhabitants of the steppes of Russia, and the aborigines of North and South America? For instance, Tylor shows one of the ancient Pythagorean maxims, "Do not stir the fire with a sword," as current among a number of nations which have not the slightest connexion with one another. He quotes De Plano Carpini, who found this tradition prevailing among the Tatars so far back as in 1246. A Tatar will not consent for any amount of money to stick a knife into the fire, or touch it with any sharp or pointed instrument, for fear of cutting the "head of the fire."

509. L. Ménard: *Hermès Trismégiste*, p. 139; and T. Taylor: *Select Works of Plotinus*, p. 553, *sq.*: London, 1817.

The Kamtchadal of North-eastern Asia consider it a great sin so to do. The Sioux Indians of North America dare not touch the fire with either needle, knife or any sharp instrument. The Kalmucks entertain the same dread; and an Abyssinian would rather bury his bare arms to the elbows in blazing coals than use a knife or axe near them. All these facts Tylor also calls "simply curious coincidences." Max Müller, however, thinks that they lose much of their force by the fact "of the Pythagorean doctrine being at the bottom of it."⁵¹⁰

Every sentence of Pythagoras, like most of the ancient maxims, has a dual signification; and, while it had an occult physical meaning, expressed literally in its words, it embodied a moral precept, which is explained by Iamblichus in his *Life of Pythagoras*. This "Dig not fire with a sword," is the ninth symbol in the *Protrepics* of this Neo-Platonist. "This symbol," he says, "exhorts to prudence." It shows "the propriety of not opposing sharp words to a man full of fire and wrath — not contending with him. For frequently by words you will agitate and disturb an ignorant man, and you will suffer yourself. . . . Heraclitus also testifies to the truth of this symbol. For he says, 'It is difficult to fight with anger, for whatever is necessary to be done redeems the soul.' And this he says truly. For many, by gratifying anger, have changed the condition of their soul, and have made death preferable to life. But by governing the tongue and being quiet, friendship is produced from strife, the fire of anger being extinguished; and you yourself will not appear to be destitute of intellect."⁵¹¹

We have had misgivings sometimes; we have questioned the impartiality of our own judgment, our ability to offer a respectful criticism upon the labors of such giants as some of our modern philosophers — Tyndall, Huxley, Spencer, Carpenter, and a few others. In our immoderate love for the 'men of old' — the primitive sages — we were always afraid of passing the boundaries of justice and refusing recognition to those of today who deserve it. Gradually this natural fear gave way before an unexpected re-enforcement. We found out that we were but the feeble echo of public opinion, which, though suppressed, has sometimes found relief in able articles scattered throughout the periodicals of the country. One of such can be found in the *National Quarterly Review* of December 1875, entitled 'Our Sensational Present-Day Philosophers.' It is a very able article, discussing fearlessly the claims of several of our scientists to new discoveries in regard to the nature of matter, the human soul, the mind, the universe; how the universe

510. *Chips, etc.*, II, p. 271; E. B. Tylor: *Researches into the Early Hist. of Mankind* (1865). 511. *Iamblichus' Life of Pythagoras, etc.*, p. 338, Taylor's edition: London, 1818.

came into existence, etc. "The religious world has been much startled," the author proceeds to say, "and not a little excited by the utterances of men like Spencer, Tyndall, Huxley, Proctor, and a few others of the same school." Admitting very cheerfully how much science owes to each of those gentlemen, nevertheless the author "most emphatically" denies that they have made any discoveries at all. There is nothing new in the speculations even of the most advanced of them; nothing which was not known and taught, in one form or another, thousands of years ago. He does not say that these scientists "put forward their theories as their own discoveries, but they leave the fact to be implied, and the newspapers do the rest. . . . The public, which has neither time nor the inclination to examine the facts, adopts the faith of the newspapers . . . and wonders what will come next! . . . The supposed originators of such startling theories are assailed in the newspapers. Sometimes the obnoxious scientists undertake to defend themselves, but we cannot recall a single instance in which they have candidly said, 'Gentlemen, be not angry with us; we are merely *revamping* stories which are nearly as old as the mountains.'" This would have been the simple truth; "but even scientists or philosophers," adds the author, "are not always proof against the weakness of encouraging any notion which they think may secure niches for them among the immortal ones."

Huxley, Tyndall, and even Spencer have become lately the great oracles, the 'infallible popes,' on the dogmas of protoplasm, molecules, primordial forms, and atoms. They have reaped more palms and laurels for their great discoveries than Lucretius, Cicero, Plutarch, and Seneca had hairs on their heads. Nevertheless, the works of the latter teem with ideas on the protoplasm, primordial forms, etc., let alone the atoms, which caused Democritus to be called the *atomic* philosopher. In the same *Review* we find this very startling denunciation:

"Who, *among the innocent*, has not been astonished, even within the last year, at the wonderful results accomplished by oxygen? What an excitement Tyndall and Huxley have created by proclaiming, in their own ingenious, oracular way, just the very doctrines which we have just quoted from Liebig; yet as early as 1840 Professor Lyon Playfair translated into English the most 'advanced' of Baron Liebig's works.

"Another recent utterance which startled a large number of innocent and pious persons, is, that every thought we express, or attempt to express, produces a certain wonderful change in the substance of the brain. But for this and a good deal more of its kind our philosophers had only to turn to the pages of Baron Liebig. Thus for instance that scientist proclaims: 'Physiology has sufficiently decisive grounds

for the opinions that *every thought, every sensation*, is accompanied by a change in the composition of the *substance of the brain*; that every motion, every manifestation of force, is the result of a transformation of the structure or of its substance.'"⁵¹²

Thus throughout the sensational lectures of Tyndall we can trace, almost to a page, the whole of Liebig's speculations, interlined now and then with the still earlier views of Democritus and other Pagan philosophers: a potpourri of old hypotheses elevated by the great authority of the day into quasi-demonstrated formulae, and delivered in that pathetic, picturesque, mellow, and thrillingly-eloquent phraseology so pre-eminently his own.

Further, the same reviewer shows us many of the identical ideas and all the material requisite to demonstrate the great discoveries of Tyndall and Huxley, in the works of Dr. Joseph Priestley, author of *Disquisitions relating to Matter and Spirit*, and even in Herder's *Philosophy of History*.

"Priestley," adds the author, "was not molested by government, simply because he had no ambition to obtain fame by proclaiming his atheistic views from the house-top. This philosopher . . . was the author of from seventy to eighty volumes, and the discoverer of oxygen." It is in these works that "he puts forward those identical ideas which have been declared so 'startling,' 'bold,' etc., as the utterances of our present-day philosophers."

"Our readers," he proceeds to say, "remember what an excitement has been created by the utterances of some of our modern philosophers as to the origin and nature of ideas, but those utterances, like others that preceded and followed them, contain nothing new." "An idea," says Plutarch, "is a *being* incorporeal, which has no subsistence by itself, but gives figure and form unto shapeless matter, and *becomes the cause of its manifestation*" (*On Opinions accepted by Philosophers*).

Verily no modern atheist, Mr. Huxley included, can outvie Epicurus in materialism; he can but mimic him. And what is Huxley's "protoplasm" but a *réchauffé* of the speculations of the Hindû *Srābhārikas* or Pantheists, who assert that all things, the gods as well as men and animals, are born from *Śvabhāvat* or their own nature?⁵¹³ As to Epicurus, this is what Lucretius makes him say: The soul, thus produced, must be *material*, because we trace it issuing from a material source; because it exists, and exists alone in a material system; is nourished by material food; grows with the growth of the body! becomes matured with its maturity; declines with its decay; and hence, whether belonging to man

⁵¹² *Force and Matter*, p. 151.

⁵¹³ Burnouf: *Introduction à l'histoire du bouddhisme indien*. p. 118.

or brute, must die with its death. Nevertheless, we would remind the reader that Epicurus is here speaking of the *Astral Soul*, not of Divine Spirit. Still, if we rightly understand the above, Mr. Huxley's "mutton-protoplasm" is of a very ancient origin, and can claim for its birthplace, Athens, and for its cradle, the brain of old Epicurus.

Further still, anxious not to be misunderstood or found guilty of depreciating the labor of any of our scientists, the author closes his essay by remarking, "We merely want to show that, at least, that portion of the public which considers itself intelligent and enlightened should cultivate its memory, or remember the 'advanced' thinkers of the past much better than it does. Especially should those do so who, whether from the desk, the rostrum, or the pulpit, undertake to instruct all willing to be instructed by them. There would then be much less groundless apprehension, much less charlatanism, and above all much less plagiarism, than there is." ⁵¹⁴

Truly says Cudworth that the greatest ignorance of which our modern wiseacres accuse the ancients is their belief in the soul's immortality. Like the old skeptic of Greece, our scientists — to use an expression of the same Dr. Cudworth — are afraid that if they admit spirits and apparitions, they must admit a God too; and there is nothing too absurd, he adds, for them to suppose, in order to keep out the existence of God. ⁵¹⁵ The great body of ancient materialists, skeptical as they now seem to us, thought otherwise, and Epicurus, who rejected the soul's immortality, believed still in a God, and Democritus fully conceded the reality of apparitions. The pre-existence and God-like powers of the human spirit were believed in by nearly all the sages of ancient days. The magic of Babylon and Persia based upon it the doctrine of their *machagistia*. The *Chaldaean Oracles*, on which Pletho and Psellus have commented so much, constantly expounded and amplified their testimony. ⁵¹⁶ Zoroaster, Pythagoras, Epicharmus, Empedocles, Cebes, Euripides, Plato, Euclid, Philo, Boëthius, Vergil, Marcus Cicero, Plotinus, Iamblichus, Proclus, Psellus, Synesius, Origen, and finally *Aristotle* himself, far from denying our immortality, affirm it most emphatically. Like Cardan and Pomponazzi, "who were no friends to the soul's immortality," as says Henry More, "Aristotle expressly concludes that the rational soul is both a distinct being from the soul of the world, though of the same essence," and that "it does exist before it comes into the body." ⁵¹⁷

514. *The National Quarterly Review*, Dec., 1875, p. 96.

515. *The True Intellectual System, etc.*, II, p. 114.

516. Cf. Appendix to Gallaeus: *Sibyllina oracula*, s. v. 'Oracula magica Zoroastri cum scholiis Plethonis et Pselli.'

517. Aristotle: *De anima*, lib. I, cap. 3.

Years have rolled away since the Count Joseph De Maistre wrote a sentence which, if appropriate to the Voltairean epoch in which he lived, applies with still more justice to our period of utter skepticism. "I have heard," writes this eminent man, "I have heard and read of myriads of good jokes on the ignorance of the ancients, who were always seeing spirits everywhere; methinks that we are a great deal more imbecile than our forefathers, in never perceiving any such now, anywhere." ⁵¹⁸

518. De Maistre: *Soirées de St. Pétersbourg*, I, p. 364.

CHAPTER VIII

"Think not my magic wonders wrought by aid
Of Stygian angels summoned up from Hell;
Scorned and accursed by those who have essay'd
Her gloomy Divs and Afrites to compel.
But by perception of the secret powers
Of mineral springs, in nature's inmost cell,
Of herbs, in curtain of her greenwood bowers,
And of the moving stars, on mountain tops and towers."

— TASSO, Canto XIV, xlii

"Who dares think *one* thing and *another* tell,
My heart detests him as the gates of Hell!"— POPE

"If man ceases to exist when he disappears in the grave, you must be compelled to affirm that he is the only creature in existence whom nature or providence has condescended to deceive and cheat by capacities for which there are no available objects."

BULWER LYTTON: *A Strange Story*

THE preface of Richard A. Proctor's latest work on astronomy, entitled *Our Place among Infinities*, contains the following extraordinary words: "It was their ignorance of the earth's place among infinities, which led the ancients to regard the heavenly bodies as ruling favorably or adversely the fates of men and nations, and to dedicate the days in sets of seven to the seven planets of their astrological system."

Mr. Proctor makes two distinct assertions in this sentence: 1. That the ancients were ignorant of the earth's place among infinities; and 2. that they regarded the heavenly bodies as ruling, favorably or adversely, the fates of men and nations.⁵¹⁹ We are very confident that there is at least good reason to suspect that the ancients were familiar with the movements, emplacement, and mutual relations of the heavenly bodies. The testimony of Plutarch, Professor Draper, and Jowett, is sufficiently explicit. But we would ask Mr. Proctor how it happens, if the ancient astronomers were so ignorant of the law of the birth and death of worlds, that, in the fragmentary bits which the hand of time has spared us of ancient lore, there should be — albeit couched in obscure language — so much information which the most recent discoveries of science have verified? Beginning with the tenth page of the work under

519. We need not go so far back as that to assure ourselves that many great men believed the same. Kepler, the eminent astronomer, fully credited the idea that the stars and all heavenly bodies, even our earth, are endowed with living and thinking souls.

notice, Mr. Proctor sketches for us the theory of the formation of our earth, and the successive changes through which it passed until it became habitable for man. In vivid colors he depicts the gradual accretion of cosmic matter into gaseous spheres surrounded with "a liquid non-permanent shell"; the condensation of both; the ultimate solidification of the external crust; the slow cooling of the mass; the chemical results following the action of intense heat upon the primitive earthy matter; the formation of soils and their distribution; the change in the constitution of the atmosphere; the appearance of vegetation and animal life; and finally the advent of man.

Now let us turn to the oldest written records left us by the Chaldaeans, the Hermetic *Book of Numbers*,⁵²⁰ and see what we shall find in the allegorical language of Hermes, *Kadmos*, or *Tekuti*, the thrice great Trismegistus. "In the beginning of time the great invisible one had his holy hands full of celestial matter which he scattered throughout the infinity; and lo, behold! it became balls of fire and balls of clay; and they scattered like the moving metal⁵²¹ into many smaller balls, and began their ceaseless turning; and some of them which were balls of fire became balls of clay; and the balls of clay became balls of fire; and the balls of fire were waiting their time to become balls of clay; and the others envied them and bided their time to become balls of pure divine fire."

Could anyone ask a clearer definition of the cosmic changes which Mr. Proctor so elegantly expounds?

Here we have the distribution of matter throughout space; then its concentration into the spherical form; the separation of smaller spheres from the greater ones; axial rotation; the gradual change of orbs from the incandescent to the earthy consistence; and, finally, the total loss of heat which marks their entrance into the stage of planetary death. The change of the balls of clay into balls of fire would be understood by materialists to indicate some such phenomenon as the sudden ignition of the star in Cassiopeia, A. D. 1572, and the one in Serpentarius, in 1604, which was noted by Kepler. But does not this expression of the Chaldaeans evince a profounder philosophy than that of our day? Does not this change into balls of "pure divine fire" signify a continuous planetary

520. We are not aware that a copy of this ancient work is included in the catalog of any European library; but it is one of the 'Books of Hermes,' and it is referred to and quotations are made from it in the works of a number of ancient and medieval philosophical authors. Among these authorities are Arnolfo di Villanova's *Rosarium philosoph.*; Francesco Arnolphim's *Lucensis opus de lapide*; Hermes Trismegistus' *Tractatus de transmutatione metallorum*, and *Tabula smaragdina*; and above all the treatise of Raymond Lulli, *Ab angelis opus divinum de quinta essentia*.

521. Quicksilver.

existence, correspondent with the spirit-life of man, beyond the awful mystery of death? If worlds have, as the astronomers tell us, their periods of embryonic life, infancy, adolescence, maturity, decadence, and death, may they not, like man, have their continued existence in a sublimated, ethereal, or spiritual form? The magians so affirm. They tell us that the fecund mother Earth is subject to the same laws as every one of her children. At her appointed time she brings forth all created things; in the fullness of her days she is gathered to the tomb of worlds. Her gross, material body slowly parts with its atoms under the inexorable law which demands their new arrangement in other combinations. Her own perfected vivifying spirit obeys the eternal attraction which draws it toward that central spiritual sun from which it was originally evolved, and which we vaguely know under the name of God.

"And the heaven was visible in seven circles, and the planets appeared with all their signs, in star-form, and the stars were divided and numbered with the rulers that were in them, and their *revolving* course was bounded with *the air*, and borne with a circular course, through the agency of the divine SPIRIT." ⁵²²

We challenge anyone to indicate a single passage in the works of Hermes which proves him guilty of that crowning absurdity of the Church of Rome which assumed, upon the geocentric theory of astronomy, that the heavenly bodies were made for our use and pleasure, and that it was worth while for the only son of God to descend upon this cosmic mote and die in expiation for our sins! Mr. Proctor tells us of a liquid non-permanent inner shell of uncongealed matter, a "viscous plastic ocean," within which "there is another interior *solid globe* rotating." ⁵²³ We, on our part, turn to the *Magia Adamica* of Eugenius Philalethes, published in 1650, and in the introduction we find him quoting from Trismegistus in the following terms: "Hermes affirmeth that in the *Beginning* the earth was a quakemire, or quivering kind of jelly, it being nothing else but *water congealed* by the incubation and heat of the Divine Spirit; *cum adhuc* (sayeth hee) *Terra tremula esset, Lucente sole compacta est.*"

In the same work Philalethes, speaking in his quaint symbolical way, says, "The earth is invisible . . . on my soul it is so, and which is more, the *eye of man* never saw the *earth*, nor can it be *seen* without *art*. To make this *element visible*, is the *greatest secret* in *magic* . . . as for this *feculent, gross body* upon which we walk, it is a *compost*, and

522. 'Hermes,' IV, vi. (Cf. Dunlap: *Sôd, the Son of the Man*, p. 50.) Spirit here denotes the Deity — *Pneuma*, ὁ θεός.

523. *Our Place Among Infinities*, i, p. 18.

no earth, *but it hath earth in it*, . . . in a word all the *elements* are *visible* but *one*, namely the *earth*, and when thou hast attained to so much *perfection* as to know why *God* hath placed the *earth in abscondito*,⁵²⁴ thou hast an excellent figure whereby to know *God Himself*, and how He is *visible*, how *invisible*."⁵²⁵

Ages before our savants of the nineteenth century came into existence, a wise man of the Orient thus expressed himself, in addressing the invisible Deity: "For thy Almighty Hand, that made the world of *formless matter*."⁵²⁶

There is much more contained in this language than we are willing to explain, but we will say that the secret is worth the seeking; perhaps in this formless matter, the *pre-Adamite* earth, is contained a 'potency' with which Messrs. Tyndall and Huxley would be glad to acquaint themselves.

But to descend from universals to particulars, from the ancient theory

524. *Op. cit.*; cf. *Magical Writings of T. Vaughan*, p. 84: London, 1888.

525. *The ignorance of the ancients of the earth's sphericity is assumed without warrant.* What proof have we of the assumption? It was only the literati who exhibited such an ignorance. Even so early as the time of Pythagoras, the Pagans taught it, Plutarch testifies to it, and Socrates died for it. Besides, as we have stated repeatedly, all knowledge was concentrated in the sanctuaries of the temples from whence it very rarely spread itself among the uninitiated. If the sages and priests of the remotest antiquity were not aware of this astronomical truth, how is it that they represented *Emephth*, the spirit of the *first hour*, with an egg placed on his lips, the egg signifying our globe, to which he imparts life by his breath. Moreover, if, owing to the difficulty of consulting the Chaldaean 'Book of Numbers,' our critics should demand the citation of other authorities, we can refer them to Diogenes Laertius, who credits Manetho with having taught that the earth was in the shape of a ball. Besides, the same author, quoting most probably from the 'Compendium of Natural Philosophy,' gives the following statements of the Egyptian doctrine: "The beginning is matter, *Ἀρχὴν μὲν εἶναι ὄλην*, and from it the four elements separated. . . . The true form of God is unknown; but the world had a beginning and is therefore perishable. . . . The moon is eclipsed when it crosses the shadow of the earth" (Diogenes Laertius: Proem, § vii). Besides, Pythagoras is credited with having taught that the earth was round, that it rotated, and was but a planet like any other of these celestial bodies. (See Fénelon's *Lives of the Philosophers*.) In the latest of the translations of Plato (*The Dialogues of Plato*, by Professor Jowett), the author, in his introduction to *Timaeus*, notwithstanding "an unfortunate doubt" which arises in consequence of the word *Ἀλλοῦθαι* being capable of translation either by "circling" or "compacted," feels inclined to credit Plato with having been familiar with the rotation of the earth. Plato's doctrine is expressed in the following words: "The earth which is our nurse (compacted or) *circling* around the pole which is extended through the universe." But if we are to believe Proclus and Simplicius, Aristotle understood this word in *Timaeus* "to mean circling or revolving" (*De coelo*, ch. xiii, xiv), and Mr. Jowett himself further admits that "Aristotle attributed to Plato the doctrine of the rotation of the earth." (See Introduction to *Timaeus*, II, pp. 501-2.) It would have been extraordinary, to say the least, that Plato, who was such an admirer of Pythagoras and who certainly must have had, as an initiate, access to the most secret doctrines of the great Samian, should be ignorant of such an elementary astronomical truth.

526. *Wisdom of Solomon*, xi, 17.

of planetary evolution to the evolution of plant and animal life, as opposed to the theory of special creation, what does Mr. Proctor call the following language of Hermes but an anticipation of the modern theory of the evolution of species? "When God had filled his powerful hands with those things which are in nature, and in that which compasseth nature, then shutting them close again, he said: 'Receive from me, O holy earth! that art ordained to be the *mother of all*, lest thou shouldst want anything'; when presently opening such hands as it becomes a God to have, he poured down all that was necessary to the constitution of things."⁵²⁷ Here we have primeval matter imbued with "the promise and potency of every future form of life," and the earth declared to be the predestined mother of everything that should thenceforth spring from her bosom.

More definite is the language of Marcus Antoninus in his discourse to himself. "The nature of the universe delights not in anything so much as to alter all things, and present them under another form. This is her conceit, to play one game and begin another. Matter is placed before her like a piece of wax and she shapes it to all forms and figures. Now she makes a *bird*, then out of the bird a *beast* — now a *flower*, then a *frog*, and she is pleased with her own magical performances as men are with their own fancies."⁵²⁸

Before any of our modern teachers thought of evolution, the ancients taught us, through Hermes, that nothing can be abrupt in nature; that she never works by jumps and starts, that everything in her proceeds in slow harmony, and that there is nothing sudden—not even violent death.

The slow development from pre-existing forms was a doctrine with the Rosicrucian Illuminati. The *Tres Matres* showed Hermes the mysterious progress of their work, before they condescended to reveal themselves to medieval alchemists. Now, in the Hermetic dialect, these three mothers are the symbol of light, heat, and electricity, or magnetism, the two latter being as convertible as the whole of the forces or agents which have a place assigned them in the modern 'Force-correlation.' Synesius mentions books of stone which he found in the temple of Memphis, on which was engraved the following sentence: "One nature delights in another, one nature overcomes another, one nature overrules another, and the whole of them are *one*."⁵²⁹

The inherent restlessness of matter is embodied in the saying of Hermes: "Action is the life of *Platē*"; and Orpheus calls nature *πολυμήχανε μήτηρ*, "the mother that makes many things," or the ingenious, the contriving, the inventive mother.⁵³⁰

527. Vaughan: *Mag. Writings*, p. 85.

528. *Ibid.*, p. 130 (*Coelum terrae*).

529. Attributed to the Zoroastrian, *Osthán*, or Hostanes.

530. Cf. Gesnerus: *OPΦΩΣ ΑΠΙΑΝΤΑ*, *Lipsiae*, 1764.

Mr. Proctor says: "All that is upon and within the earth, all vegetable forms and all animal forms, our bodies, our brains, are formed of materials which have been drawn in from those depths of space surrounding us on all sides." The Hermetists and the later Rosicrucians held that all things visible and invisible were produced by the contention of light with darkness, and that every particle of matter contains within itself a spark of the divine essence — or light, *spirit* — which, through its tendency to free itself from its entanglement and return to the central source, produced motion in the particles, and from motion forms were born. Says Hargrave Jennings, quoting Robertus de Fluctibus: "Thus all minerals, in this spark of life, have the rudimentary possibility of plants and growing organisms; thus all plants have rudimentary sensitives, which might (in the ages) enable them to perfect and transmute into locomotive new creatures, lesser or higher in their grade, or nobler or meaner in their functions; thus all plants and all vegetation might pass off (by side roads) into more distinguished highways, as it were, of independent, completer advance, allowing their original spark of light to expand and thrill with higher and more vivid force, and to urge forward with more abounding, informed purpose — all wrought by planetary influence, directed by the unseen spirits (or workers) of the great original architect."⁵³¹

Light — the first mentioned in *Genesis* — is termed by the Kabalists *Sephira*, or the Divine *Intelligence*, the mother of all the *Sephiroth*; while the *Concealed Wisdom* is the father. Light is the first begotten, and the first emanation of the Supreme, and Light is Life, says the evangelist. Both are electricity — the life-principle, the *anima mundi* pervading the universe, the electric vivifier of all things. Light is the great Protean magician, and under the Divine Will of the architect, its multifarious, omnipotent waves gave birth to every form as well as to every living being. From its swelling, electric bosom spring *matter* and *spirit*. Within its beams lie the beginnings of all physical and chemical action, and of all cosmic and spiritual phenomena; it vitalizes and disorganizes; it gives life and produces death, and from its primordial point gradually emerged into existence the myriads of worlds, visible and invisible celestial bodies. It was at the ray of this *First* mother, one in three, that God, according to Plato, "lighted a fire, which we now call the sun,"⁵³² and which is *not* the cause of either light or heat, but merely the focus, or as we might say the lens, by which the rays of the primordial light become materialized, are concentrated upon our solar system, and produce all the correlations of forces.

531. Hargrave Jennings: *The Rosicrucians*, I, p. 259; 3rd edit. 532. *Timæus*, § xiv.

So much for the first of Mr. Proctor's two propositions; now for the second.

The work which we have been noticing comprises a series of twelve essays, of which the last is entitled 'Thoughts on Astrology.' The author treats the subject with so much more consideration than is the custom of men of his class, that it is evident he has given it thoughtful attention. In fact, he goes so far as to say that, "If we consider the matter aright, we must concede that of all the errors into which men have fallen in their desire to penetrate into futurity, astrology is the most respectable, we may even say the most reasonable."⁵³³

He admits that "The heavenly bodies *do* rule the fates of men and nations in the most unmistakable manner, seeing that without the controlling and beneficent influences of the chief among those orbs — the sun — every living creature on the earth must perish."⁵³⁴ He admits also the influence of the moon, and sees nothing strange in the ancients reasoning by analogy, that if two among these heavenly bodies were "thus potent in terrestrial influences, it was natural that the other moving bodies known to the ancients should be thought to possess also their special powers."⁵³⁵ Indeed the professor sees nothing unreasonable in their supposition that the influences exerted by the slower-moving planets "might be even more potent than those of the sun himself." Mr. Proctor thinks that the system of astrology "was formed gradually and perhaps tentatively. Some influences may have been inferred from observed events — the fate of this or that king or chief guiding astrologers in assigning particular influences to such planetary aspects as were presented at the time of his nativity. Others may have been invented, and afterward have found general acceptance, because confirmed by some *curious coincidences*."

A witty joke may sound very pretty, even in a learned treatise, and the word 'coincidence' may be applied to anything we are unwilling to accept. But a sophism is not a truism; still less is it a mathematical demonstration, which alone ought to serve as a beacon — to astronomers, at least. Astrology is a science *as infallible* as astronomy itself, with the condition, however, that its interpreters must be equally infallible; and it is this condition, *sine qua non*, so very difficult of realization, that has always proved a stumbling-block to both. Astrology is to exact astronomy what psychology is to exact physiology. In astrology and psychology one has to step beyond the visible world of matter and enter into the domain of transcendent spirit. It is the old struggle

533. *Our Place among Infinities*, p. 313.

534. *Ibid.*

535. *Ibid.*, pp. 314-15.

between the Platonic and Aristotelean schools, and it is not in our century of Sadducean skepticism that the former will prevail over the latter. Mr. Proctor, in his professional capacity, is like the uncharitable person of the Sermon on the Mount, who is ever ready to attract public attention to the mote in his despised neighbor's eye, and overlook the beam in his own. Were we to record the failures and ridiculous blunders of astronomers, we are afraid they would outnumber by far those of the astrologers. Present events fully vindicate Nostradamus, who has been so much ridiculed by our skeptics. In an old book of prophecies, published in the fifteenth century (an edition of 1453), we read the following, among other astrological predictions:⁵³⁶

"In twice two hundred years, the Bear
The Crescent will assail;
But if the Cock and Bull unite,
The Bear will not prevail.
In twice ten years again —
Let Islam know and fear —
The Cross shall stand, the Crescent wane,
Dissolve, and disappear."

In just twice two hundred years from the date of that prophecy we had the Crimean war, during which the alliance of the Gallic Cock and English Bull interfered with the political designs of the Russian Bear. In 1856 the war was ended, and Turkey, or the Crescent, closely escaped destruction. In the present year (1876) the most unexpected events of a political character have just taken place, and *twice ten years* have elapsed since peace was proclaimed. Everything seems to bid fair for a fulfilment of the old prophecy; the future will tell whether the Moslem Crescent, which seems, indeed, to be *waning*, will irrevocably "wane, dissolve, and disappear," as the outcome of the present troubles.

In explaining away the heterodox facts which he appears to have encountered in his pursuit of knowledge, Mr. Proctor is obliged more than once in his work to fall back upon these "curious coincidences." One of the most curious of these is stated by him in a foot-note (page 301) as follows: "I do not here dwell on the curious coincidence — if, indeed, Chaldaean astrologers had not discovered the ring of Saturn — that they showed the god corresponding within a ring and *triple*. . . . Very moderate optical knowledge — such, indeed, as we may fairly infer from the

536. The library of a relative of the writer contains a copy of a French edition of this unique work. The prophecies are given in the old French language, and are very difficult for the student of modern French to decipher. We give, therefore, an English version, which is said to be taken from a book in the possession of a gentleman in Somersetshire, England.

presence of optical instruments among Assyrian remains — might have led to the discovery of Saturnal rings and Jupiter's moons. . . . Bel, the Assyrian Jupiter," he adds, "was represented sometimes with four star-tipped wings. *But it is possible that these are mere coincidences.*"

In short Mr. Proctor's theory of coincidence becomes finally more suggestive of miracle than the facts themselves. Our friends the skeptics appear to have an unappeasable appetite for coincidences. We have brought sufficient testimony in the preceding chapter to show that the ancients must have used as good optical instruments as we have now. Were the instruments in possession of Nebuchadnezzar of such moderate power, and the knowledge of his astronomers so very contemptible, when, according to Rawlinson's reading of the tiles, the Birs-Nimrud, or temple of Borsippa, had seven stages, symbolical of the concentric circles of the seven spheres, each built of tiles and metals to correspond with the color of the ruling planet of the sphere typified? Is it a coincidence again, that they should have appropriated to each planet the color which our latest telescopic discoveries show to be the real one?⁵³⁷ Or is it again a coincidence, that Plato should have indicated in the *Timaeus* his knowledge of the indestructibility of matter, the conservation of energy, and the correlation of forces? "The latest word of modern philosophy," says Jowett, "is continuity and development, but to Plato *this is the beginning and foundation of science.*"⁵³⁸

The radical element of the oldest religions was essentially *sabaistic*; and we maintain that their myths and allegories — if once correctly and thoroughly interpreted — will dovetail with the most exact astronomical notions of our day. We will say more; there is hardly a scientific law — whether pertaining to physical astronomy or physical geography — that could not be easily pointed out in the ingenious combinations of their fables. They allegorized the most important as well as the most trifling causes of the celestial motions; the nature of every phenomenon was personified; and in the mythical biographies of the Olympic gods and goddesses, one well acquainted with the latest principles of physics and chemistry can find their causes, inter-agencies, and mutual relations embodied in the deportment and course of action of the fickle deities. The atmospheric electricity in its neutral and latent states is embodied usually in demi-gods and goddesses, whose scene of action is more limited to earth, and who, in their occasional flights to the higher deific regions, display their electric tempers always *in strict proportion with the increase of distance from the earth's surface*: the weapons of Hercules and Thor were

537. See Rawlinson, in *Journal R. Asiat. Soc.*, XVII, pp. 30-2, revised edit.

538. *Dialogues of Plato*, Introduction to *Timaeus*, II, p. 509.

never more mortal than when the gods soared into the clouds. We must bear in mind that before the time when the Olympian Jupiter was anthropomorphized by the genius of Phidias into the Omnipotent God, the *Maximus*, the God of gods, and thus abandoned to the adoration of the multitudes, in the earliest and abstruse science of symbology he embodied in his person and attributes all the cosmic forces. The Myth was less metaphysical and complicated, but more truly eloquent as an expression of natural philosophy. Zeus, the male element of the creation — with Chthonia-Vesta (the earth) and Metis (the water), the first of the Oceanides (the feminine principles) — was viewed according to Porphyry and Proclus as the *zōōn-ek-zōōn*, the chief of living beings. In the Orphic theology, the oldest of all metaphysically speaking, he represented both the *potentia* and *actus*, the unrevealed *cause* and the Demiurge, or the active creator as an emanation from the invisible potency. In the latter demiurgic capacity, in conjunction with his consorts, we find in him all the mightiest agents of cosmic evolution — chemical affinity, atmospheric electricity, attraction, and repulsion.

It is in following his representations in this physical qualification that we discover how well acquainted were the ancients with all the doctrines of physical science in their modern development. Later, in the Pythagorean speculations, Zeus became the metaphysical trinity; the monad evolving from its invisible SELF the *active* cause, effect, and intelligent will, the whole forming the *Tetraktys*. Still later we find the earlier Neo-Platonists leaving the primal monad aside, on the ground of its utter incomprehensibility to human intellect, and speculating merely on the *demiurgic triad* of this deity as visible and intelligible in its effects; and thus we have the metaphysical continuation, by Plotinus, Porphyry, Proclus, and other philosophers, of this view of Zeus the father, Zeus *Poseidon*, or *dunamis*, the son and power, and the spirit or *nous*. This triad was also accepted as a whole by the Irenaic school of the second century; the more substantial difference between the doctrines of the Neo-Platonists and those of the Christians being merely the forcible amalgamation by the latter of the incomprehensible monad with its actualized creative trinity.

In his astronomical aspect Zeus-Dionysus has his origin in the zodiac, the ancient solar year. In Libya he assumed the form of a ram, and is identical with the Egyptian *Amen*, who begat Osiris, the taurian god. Osiris is also a personified emanation of the Father-Sun, and is himself the Sun in Taurus, the Parent-Sun being the Sun in Aries. As the latter, Jupiter is in the guise of a ram; and as Jupiter-Dionysus or Jupiter-Osiris, he is the bull. This animal is, as is well known, the symbol of the creative power; moreover the Kabala explains, through the medium of

one of its chief expounders, Shimon ben Yo'hai,⁵³⁹ the origin of this strange worship of the bulls and cows. It is neither Darwin nor Huxley — the founders of the doctrine of evolution and its necessary complement, the transformation of species — who can find anything against the rationality of this symbol, except, perhaps, a natural feeling of uneasiness upon finding that they were preceded by the ancients even in this particular modern discovery. Elsewhere we will give the doctrine of the Kabalists as taught by Shimon ben Yo'hai.

It may be easily proved that from time immemorial Saturn or Kronos, whose ring most positively *was* discovered by the Chaldaean astrologers, and whose symbolism is no "coincidence," was considered the father of Zeus, before the latter became himself the father of all the gods and the highest deity. He was the Bel or Baal of the Chaldaeans, and originally imported among them by the Akkadians. Rawlinson insists that the latter came from Armenia; but if so, how can we account for the fact that Bel is but a Babylonian personification of the Hindû Śiva, or Bala, the fire-god, the omnipotent creative and, at the same time, destroying Deity, in many senses higher than Brahmā himself?

"Zeus," says an Orphic hymn, "is the first and the last, the head, and the extremities; from him have proceeded all things. He is a man and an immortal nymph (male and female element); the soul of all things; and the principal motor in fire; he is the sun and the moon; the fountain of the ocean; the demiurge of the universe; one power, one God; the mighty creator and governor of the cosmos. Everything, fire, water, earth, ether, night, the heavens, Metis, the primeval architecturess (the Sophia of the Gnostics, and the Sephira of the Kabalists), the beautiful Eros, Cupid, all is included within the vast dimensions of his glorious body!"⁵⁴⁰

This short hymn of laudation contains within itself the groundwork of every mythopoeic conception. The imagination of the ancients proved as boundless as the visible manifestations of the Deity itself, which afforded them the themes for their allegories. Still the latter, exuberant as they seem, never departed from the two principal ideas which may be ever found running parallel in their sacred imagery; a strict adherence to the physical as well as moral or spiritual aspect of natural law. The metaphysical researches of the ancients never clashed with scientific truths, and their religions may be truly termed the psychophysiological creeds of the priests and scientists, who built them on the traditions of the infant-world, such as the unsophisticated minds of the primitive races received them, and on their own experimental knowledge, hoary with all the wisdom of the intervening ages.

539. N. B. — He lived in the first century B. C.

540. Stob. *Ecl.*; cf. T. Taylor: *Mystical Hymns of Orpheus*, p. 48: London, 1896.

As the sun, what better image could be found for Jupiter emitting his golden rays than to personify this emanation in Diana, the all-illuminating virgin Artemis, whose oldest name was *Diktyнна*, literally the emitted ray, from the word *dikein*. The moon is non-luminous, and it shines only by the reflected light of the sun; hence the imagery of his daughter, the goddess of the moon, and herself, Luna, Astarte, or Diana. As the Cretan *Diktyнна*, she wears a wreath made of the magic plant *diktamnon*, or *dictamnus* (dittany), the evergreen shrub whose contact is said both to develop somnambulism and finally to cure it; and as Eileithyia and Juno Pronuba she is the goddess who presides over births; she is an Aesculapian deity, and the use of the dictamnus-wreath, in association with the moon, shows once more the profound observation of the ancients. This plant is known in botany as possessing strongly sedative properties; it grows on Mount Dicte, a Cretan mountain, in great abundance; on the other hand, the moon, according to the best authorities on animal magnetism, acts upon the juices and ganglionic system, or that of the nerve-cells, these being the seat from whence proceed all the nerve-fibers which play such a prominent part in mesmerization. During childbirth the Cretan women were covered with this plant, and its roots were administered as best calculated to soothe acute pain, and allay the irritability so dangerous at this period. They were placed, moreover, within the precincts of the temple sacred to the goddess, and if possible under the direct rays of the resplendent daughter of Jupiter — the bright and warm Eastern moon.

The Hindû Brâhmanas and Buddhists have complicated theories on the influence of the sun and moon (the male and female elements), as containing the negative and positive principles, the opposites of the magnetic polarity. "The influence of the moon on women is well known," write all the old authors on magnetism; and Ennemoser, as well as Du Potet, confirms the theories of the Hindû seers in every particular.

The marked respect paid by the Buddhists to the sapphire-stone — which was also sacred to Luna in every country — may be found based on something more scientifically exact than a mere groundless superstition. They ascribed to it a sacred magical power, which every student of psychological mesmerism will readily understand, for its polished and deep-blue surface produces extraordinary somnambulatory phenomena. The varied influence of the prismatic colors on the growth of vegetation, and especially that of the 'blue ray,' has been recognised but recently. The Academicians quarreled over the unequal heating power of the prismatic rays until a series of experimental demonstrations by General Pleasonton proved that under the blue ray, the most electric of all, animal and vegetable growth was increased in a wonderful degree.

Amoretti's investigations of the electric polarity of precious stones show that the diamond, the garnet, the amethyst, are —E., while the sapphire is + E.⁵⁴¹ Thus we are enabled to show that the latest experiments of science only corroborate that which was known to the Hindû sages before any of the modern academies were founded. An old Hindû legend says that *Brahmâ-Prajâpati*, having fallen in love with his own daughter, *Ushas* (Heaven, sometimes the Dawn also), assumed the form of a buck (*riśya*) and *Ushas* that of a female deer (*rohit*) and thus committed the first sin.⁵⁴² Upon seeing such a desecration, the gods felt so terrified that, uniting their most fearful-looking bodies — each god possessing as many bodies as he desires,— they produced *Bhûtatav* (the spirit of evil), who was created by them on purpose to destroy the incarnation of the first sin committed by the Brahmâ himself. Upon seeing this, *Brahmâ-Hiranyagarbha* ⁵⁴³ repented bitterly and began repeating the *Mantras*, or prayers of purification, and, in his grief, dropped on earth a tear, the *hottest* that ever fell from an eye; and from it was formed the first sapphire.

This half-sacred, half-popular legend shows that the Hindûs knew which was the most electric of all the prismatic colors; moreover, the particular influence of the sapphire-stone was as well defined as that of all the other minerals. Orpheus teaches how it is possible to affect a whole audience by means of a lodestone; ⁵⁴⁴ Pythagoras pays particular attention to the color and nature of precious stones; while Apollonius of Tyana imparts to his disciples the secret virtues of each, and changes his jeweled rings daily, using a particular stone for every day of the month and according to the laws of judicial astrology.⁵⁴⁵ The Buddhists assert that the sapphire produces peace of mind, equanimity, and chases all evil thoughts by establishing a healthy circulation in man. So does an electric battery, with its well-directed fluid, say our electricians. "The sapphire will open barred doors and dwellings [for the spirit of man]; it produces a desire for prayer, and brings with it more peace than any other gem; but he who would wear it must lead a pure and holy life."⁵⁴⁶

Diana-Luna is the daughter of Zeus by Proserpina, who represents the Earth in her active labor, and, according to Hesiod, as Diana Eilei-

541. D. G. Kieser: *Archiv für den Thier-Magnetismus*, IV, p. 62. In fact, many of the old symbols were mere puns on names.

542. See the *Āitareya-Brāhmaṇam*, III, iii, 33.

543. Brahmâ is also called by the Hindû Brāhmanas *Hiranyagarbha*, or the *unî* soul, while *Amrita* is the supreme soul, the first cause which emanated from itself the creative Brahmâ.

544. Gesnerus: *OPHΘEΣ AΠAHTA*, s. v. *Magnes*, p. 321.

545. Philostratus: *Life of Apollonius of Tyana*, III, xli: London, 1809.

546. *Marbodi liber lapidum*: Göttingen, 1799.

thya-Lucina she is Juno's daughter. But Juno, devoured by Kronos or Saturn, and restored to life by the Oceanid Metis, is also known as the Earth. Saturn, as the evolution of Time, swallows the earth in one of the ante-historical cataclysms, and it is only when Metis (the waters), by retreating in her many beds, frees the continent, that Juno is said to be restored to her first shape. The idea is expressed in the 9th and 10th verses of the first chapter of *Genesis*. In the frequent matrimonial quarrels between Juno and Jupiter, Diana is always represented as turning her back on her mother and smiling upon her father, though she chides him for his numerous frolics. The Thessalian magicians are said to have been obliged, during such dark periods, to draw her attention to the earth by the power of their spells and incantations, and the Babylonian astrologers and magi never desisted in their spells until they brought about a reconciliation between the irritated couple, after which Juno "radiantly smiled on the bright goddess" Diana, who, encircling her brow with her crescent, returned to her hunting-place in the mountains.

It seems to us that the fable illustrates the different phases of the moon. We, the inhabitants of the earth, never see but one-half of our bright satellite, who thus turns *her back* to her mother Juno. The sun, the moon, and the earth are constantly changing positions with relation to each other. With the *new* moon there is constantly a change of weather; and sometimes the wind and storms may well suggest a quarrel between the sun and earth, especially when the former is concealed by grumbling thunder-clouds. Furthermore, the new moon, when her dark side is turned toward us, is invisible; and it is only after a *reconciliation* between the sun and the earth that a bright crescent becomes visible on the side nearest to the sun, though at this time the rest of Luna's disk is not illuminated by sunlight *directly* received, but by sunlight reflected from the earth to the moon, and by her reflected back to us. Hence the Chaldaean astrologers and the magicians of Thessaly, who probably watched and determined as accurately as a Babinet the course of the celestial bodies, were said by their enchantments to force the moon to descend on earth, *i. e.*, to show her crescent, which she could do but after receiving the "radiant smile" from her mother-earth, who put it on after the conjugal reconciliation. Diana-Luna, having adorned her head with her crescent, returns back to hunt in *her mountains*.

As to calling in question the intrinsic knowledge of the ancients on the ground of their "*superstitious* deductions from natural phenomena," it is as appropriate as it would be if, five hundred years hence, our descendants should regard the pupils of Professor Balfour Stewart as *ancient* ignoramuses, and himself a shallow philosopher. If modern science, in the person of this gentleman, can condescend to make ex-

periments to determine whether the appearance of the spots on the sun's surface is in any way connected with the potato disease, and finds *it is*; and that, moreover, "the earth is very seriously affected by what takes place in the sun,"⁵⁴⁷ why should the ancient astrologers be held up as either fools or arrant knaves? There is the same relation between natural and judicial or judiciary astrology as between physiology and psychology, the physical and the moral. If in later centuries these sciences were degraded into charlatanry by some money-making impostors, is it just to extend the accusation to those mighty men of old who, by their persevering studies and holy lives, bestowed an immortal name upon Chaldaea and Babylonia? Surely those who are now found to have made correct astronomical observations ranging back to "within 100 years from the flood," from the top observatory of the "cloud-encompassed Bel," as Prof. Draper has it, can hardly be considered impostors. If their method of impressing the great astronomical truths upon the popular mind differed from the 'system of education' of our present century and appears ridiculous to some, the question still remains unanswered: which of the two systems was the better? With them science went hand in hand with religion, and the idea of God was inseparable from that of his works. And though in the present century there is not one person out of ten thousand who knows that the planet Uranus is *next* to Saturn, and revolves about the sun in eighty-four years; that Saturn is *next* to Jupiter, and takes twenty-nine and a half years to make one complete revolution in its orbit; and that Jupiter performs its revolution in twelve years; yet the uneducated masses of Babylon and Greece believed firmly that Uranus was the father of Saturn, and Saturn of Jupiter, and considered them furthermore to be deities as well as all their satellites and attendants. Connecting this with the fact that Europeans only discovered Uranus in 1781, we may perhaps observe a curious "coincidence" in the above myths.

We have only to open the commonest book on astrology and compare the descriptions embraced in the *Fable of the Twelve Houses* with the most modern discoveries of science as to the nature of the planets and the elements in each star, to see that without any spectroscope the ancients were perfectly well acquainted with the same. Unless the fact is again regarded as a "coincidence," we can learn, to a certain extent, of the degree of the solar heat, light and nature of the planets by simply studying their symbolic representations in the Olympic gods, and the twelve signs of the zodiac, to each of which astrology assigns a particular quality. If the goddesses of our own planet vary in no particular

547. *The Sun and the Earth*, lecture by Prof. Balfour Stewart.

from other gods and goddesses, but all have a like physical nature, does not this imply that the sentinels who watched from the top of Bel's tower, by day as well as by night, holding communion with the euhemerized planets, had remarked, before ourselves, the physical unity of the universe and the fact that the planets above are made of precisely the same chemical elements as our own? The sun in Aries, Jupiter, is shown in astrology as a masculine, diurnal, cardinal, equinoctial, easterly sign, hot and dry, and answers perfectly to the character attributed to the fickle 'Father of the gods.' When angry Zeus-*Akrios* snatches from his fiery belt the thunderbolts which he hurls forth from heaven, he rends the clouds and descends as Jupiter-*Pluvius* in torrents of rain. He is the greatest and highest of gods, and his movements are as rapid as lightning itself. The planet Jupiter is known to revolve on its axis so rapidly that a point upon its equator moves at the rate of 450 miles a minute. An immense excess of centrifugal force at the equator is believed to have caused the planet to become extremely flattened at the poles; and in Crete the personified god Jupiter was represented without ears. The planet Jupiter's disk is crossed by dark belts; varying in breadth, they appear to be connected with its rotation on its axis, and are produced by disturbances in its atmosphere. The face of Father Zeus, says Hesiod, became spotted with rage when he beheld the Titans ready to rebel.

In Mr. Proctor's book astronomers seem especially doomed by Providence to encounter all kinds of curious "coincidences," for he gives us many cases out of the "multitude," and refers even to the "*thousands of facts [sic].*" To this list of astronomers we may add the army of Egyptologists and archaeologists who of late have been the chosen pets of the capricious *Dame Chance*, who moreover generally selects "well-to-do Arabs" and other Eastern gentlemen to play the part of benevolent *genii* to Oriental scholars in difficulties. Professor Ebers is one of the latest favored ones. It is a well-known fact that whenever Champollion needed important links, he fell in with them in the most various and unexpected ways.

Voltaire, the greatest of 'infidels' of the eighteenth century, used to say, that if there were no God, people would have to invent one. Volney, another 'materialist,' nowhere throughout his numerous writings denies the existence of God. On the contrary, he plainly asserts several times that the universe is the work of the "All-wise," and is convinced that there is a Supreme Agent, a universal and identical Artificer, designated by the name of God.⁵⁴⁸ Voltaire becomes, toward the end of his life, Pythagorical, and concludes by saying: "I have consumed forty

548. C. F. Volney: *La loi naturelle*.

years of my pilgrimage . . . seeking the philosopher's stone called truth. I have consulted all the adepts of antiquity, Epicurus and Augustine, Plato and Malebranche, and I still remain in ignorance. . . . All that I have been able to obtain by comparing and combining the system of Plato, of the tutor of Alexander, Pythagoras, and the Oriental, is this: *Chance is a word void of sense*. The world is arranged according to mathematical laws."⁵⁴⁹

It is pertinent for us to suggest that Mr. Proctor's stumbling-block is that which trips the feet of all materialistic scientists, whose views he only repeats; he confounds the physical and spiritual operations of nature. His very theory of the probable inductive reasoning of the ancients as to the subtle influences of the more remote planets, by comparison with the familiar and potent effects of the sun and moon upon our earth, shows the drift of his mind. Because science *affirms* that the sun imparts physical *heat* and *light* to us, and that the moon affects the tides, he thinks that the ancients must have regarded the other heavenly bodies as exerting the same kind of influence upon us physically, and indirectly upon our fortunes.⁵⁵⁰ And here we must permit ourselves a digression.

How the ancients regarded the heavenly bodies is very hard to determine for one unacquainted with the esoteric explanation of their doctrines. While philology and comparative theology have begun the arduous work of analysis, they have as yet arrived at meager results. The allegorical form of speech has often led our commentators so far astray, that they have confounded causes with effects, and *vice versa*. In the baffling phenomenon of force-correlation, even our greatest scientists would find it very hard to explain which of these forces is the cause, and which the effect, since each may be both by turns, and convertible. Thus, if we should inquire of the physicists, "Is it light which generates heat, or the latter which produces light?" we should in all probability be answered that it is certainly light which creates heat. Very well; but how? did the great Artificer first produce light, or did He first construct the sun, which is said to be the sole dispenser of light and, consequently, heat? These questions may appear at first glance indicative of ignorance; but perhaps if we ponder them deeply, they will assume another appearance. In *Genesis*, the 'Lord' first creates *light*, and three days and three nights are alleged to pass away before He creates the sun, the moon, and the stars. This gross blunder against *exact* science has created much merriment among materialists. And they certainly would be warranted in laughing, if their doctrine that our light and heat are

549. *Philosophical Dictionnary*, s. v. 'Philosophy': Boston, 1881.

550. *Our Place among Infinities*, p. 314, sq.

derived from the sun were unassailable. Until recently nothing has happened to upset this theory, which, for lack of a better one, according to the expression of a preacher, "reigns sovereign in the Empire of Hypothesis." The ancient sun-worshippers regarded the Great Spirit as a nature-god, identical with nature, and the sun as the deity, "in whom the Lord of life dwells." Yama is the sun, according to the Hindû theology, and "The sun is the source of the souls and of *all life*." ⁵⁵¹ Agni, the 'Divine Fire,' the deity of the Hindû, is the sun, ⁵⁵² for the fire and sun are the same. Ormazd is light, the Sun-God, or the Life-giver. In the Hindû philosophy, "The souls issue from the soul of the world, and return to it as sparks to the fire." ⁵⁵³ But in another place it is said that "*The Sun* is the soul of *all things*; all has proceeded out of it, and will return to it," ⁵⁵⁴ which shows that the sun is meant allegorically here, and refers to the *central*, invisible sun, GOD, whose first manifestation was Sephira, the emanation of Ain-Soph — Light, in short.

"And I looked, and behold, a whirlwind came out of the north, a great cloud, and a fire infolding itself, and a brightness was about it," says *Ezekiel* (i, 4, 22, etc.), ". . . and the likeness of a throne . . . and as the appearance of a man above upon it . . . and I saw, as it were, the appearance of *fire*, and it had brightness round about." And Daniel speaks of the "ancient of days," the kabalistic Ain-Soph, whose throne was "the fiery flame, his wheels burning fire. . . . A fiery stream issued and came forth from before him." ⁵⁵⁵ Like the Pagan Saturn, who had his castle of flame in the seventh heaven, the Jewish Jehovah had his "castle of fire over the seventh heavens." ⁵⁵⁶

If the limited space of the present work would permit, we might easily show that none of the ancients, the sun-worshippers included, regarded our visible sun otherwise than as an emblem of their metaphysical, invisible, central sun-god. Moreover they did *not* believe what our modern science teaches us, namely, that light and heat proceed from *our* sun, and that it is that orb which imparts all life to our visible nature. "His radiance is undecaying," says the *Rig-Veda*, "the intensely-shining, all-pervading, unceasing, undecaying rays of *Agni* desist not, neither night nor day." This evidently related to the spiritual, central sun, whose rays are all-pervading and unceasing — the eternal and boundless life-giver. Hæ the *Point*, the center (which is everywhere) of the circle

551. A. Weber: *Indische Studien*, I, p. 290.

552. H. H. Wilson: *Rig-Veda Sanhitâ*, II, p. 143.

553. M. Duncker: *Geschichte des Alterthums*, II, p. 162.

554. Ad. Wuttke: *Geschichte des Heidenthums*, II, p. 262.

555. *Daniel*, vii, 9, 10.

556. *Book of Enoch*, xiv, 10, sq.: Oxford, 1838.

(which is nowhere); the ethereal, spiritual fire, the soul and spirit of the all-pervading, mysterious ether; the despair and puzzle of the materialist, who will some day find that that which causes the numberless cosmic forces to manifest themselves in eternal correlation is but a divine electricity, or rather *galvanism*; that the sun is but one of the myriad *magnets* disseminated through space — a reflector — as General Pleasonton has it; that the sun has no more heat in it than the moon or the space-crowding host of sparkling stars; that there is no *gravitation* in the Newtonian sense,⁵⁵⁷ but only magnetic attraction and repulsion; and that it is by their magnetism that the planets of the solar system have their motions regulated in their respective orbits by the still more powerful magnetism of the sun, not by their weight or gravitation. This and much more they may learn; but until then we must be content with being merely laughed at, instead of being burned alive for impiety, or shut up in an insane asylum.

The laws of Manu are the doctrines of Plato, Philo, Zoroaster, Pythagoras, and of the Kabala. The esotericism of every religion may be solved by the latter. The kabalistic doctrine of the allegorical Father and Son, or Πατήρ and Λόγος is identical with the groundwork of Buddhism. Moses could not reveal to the multitude the sublime secrets of religious speculation, nor the cosmogony of the universe — the whole resting upon the Hindû *Illusion*, a clever mask veiling the *Sanctum Sanctorum*, and which has misled so many theological commentators.⁵⁵⁸

557. This proposition—which will be branded as *preposterous*, but which we are ready to show, on the authority of Plato (see Jowett's *Intro.* to the *Timaeus*, last page), as a Pythagorean doctrine, together with that other of the sun being but the lens through which the light passes—is strangely corroborated at the present day by the observations of General Pleasonton of Philadelphia. This experimentalist boldly comes out as a revolutionist of modern science, and calls Newton's centripetal and centrifugal forces, and the law of gravitation, "fallacies." He fearlessly maintains his ground against the Tyndalls and Huxleys of the day. We are glad to find such a learned defender of one of the oldest (and hitherto treated as the *most absurd*) of Hermetic *hallucinations* (?). (See General Pleasonton's book, *The Influence of the Blue Ray of the Sunlight, and of the Blue Color of the Sky, in developing Animal and Vegetable Life*, addressed to the Philadelphia Society for Promoting Agriculture.)

558. In no country were the true esoteric doctrines trusted to writing. The Hindû *Brahma-Mâyâ*, was passed from one generation to another by *oral* tradition. The Kabala was never written; and Moses intrusted it orally but to his elect. The primitive pure Oriental gnosticism was completely corrupted and degraded by the different subsequent sects. Philo, in *De sacrificiis Abelis et Caini*, § 15, states that there is a *mystery not to be revealed* to the uninitiated. Plato is silent on many things, and his disciples refer to this fact constantly. Any one who has studied even superficially these philosophers, on reading the institutes of Manu will clearly perceive that they all drew from the same source. "This universe," says Manu (ch. i, § 5, 6), "existed only in the *first divine idea*, yet *unexpanded*, as if involved in *darkness*, imperceptible, indefinable, undiscoverable by reason, and undiscovered by *revelation*, as if it were wholly immersed in sleep; then the sole self-existing Power himself undiscerned, appeared with undiminished glory, *expanding his idea*, or dispelling the *gloom*." Thus speaks the first code of Buddhism.

The kabalistic heresies receive an unexpected support in the heterodox theories of General Pleasonton. According to his opinions (which he supports on far more unimpeachable facts than orthodox scientists theirs), the space between the sun and the earth must be filled with a material medium, which, so far as we can judge from his description, answers to our kabalistic astral light. The passage of light through this must produce enormous friction. Friction generates electricity, and it is this electricity and its correlative magnetism which form those tremendous forces of nature that produce in, on, and about our planet the various changes which we encounter everywhere. He proves that terrestrial heat *cannot* be derived directly from the sun, for heat *ascends* (or radiates) from the Earth. The force which generates heat is a repellent one, he says, and being associated with positive electricity, is consequently attracted by the upper atmosphere by reason of its being negatively charged, and always associated with cold, which is opposed to positive electricity. He strengthens his position by showing that the earth, which when covered with snow cannot be affected by the sun's rays, is warmest where the snow is deepest. This he explains upon the theory that the "radiation of heat from the interior of the earth, positively electrified, meeting at the *surface* of the earth with the snow in contact with it, negatively electrified," produces the heat.

Thus he shows that it is not at all to the sun that we are indebted for light and heat; that light is a creation *sui generis*, which sprang into existence at the instant when the Deity *willed* and uttered the fiat: "Let there be light"; and that it is this independent material agent which produces heat *by friction*, on account of its enormous and incessant velocity. In short, it is the first kabalistic emanation to which General Pleasonton introduces us, that Sephira or divine *Intelligence* (the female principle) which, in unity with Ain-Soph, or divine wisdom (male principle), produced everything visible and invisible. He laughs at the current theory of the incandescence of the sun and its gaseous substance. The reflexion from the photosphere of the sun, he says, passing through planetary and stellar spaces, must have thus created a vast amount of electricity and magnetism. Electricity, by the union of its opposite polarities, evolves heat and imparts magnetism to all substances capable of receiving it. The sun, planets, stars, and nebulae are all magnets, etc.⁵⁵⁹

If this courageous gentleman should prove his case, future generations will have but little disposition to laugh at Paracelsus and his sidereal or astral light, and at his doctrine of the magnetic influence exercised by

Plato's idea is the *Will*, or Logos, the deity which manifests itself. It is the Eternal Light from which proceeds, as an *emanation*, the visible and *material* light.

559. *The Influence of the Blue Ray, etc.*, p. 36, sq.

the stars and planets upon every living creature, plant, and mineral of our globe. Moreover, if the Pleasonton hypothesis is established, the transcendent glory of Professor Tyndall will be rather obscured. According to public opinion, the General makes a terrible onslaught on the learned physicist for attributing to the sun calorific effects, experienced by him in an Alpine ramble, that were simply due to his own vital electricity.⁵⁶⁰

The prevalence of such revolutionary ideas in science emboldens us to ask the representatives of science whether they can explain *why* the tides follow the moon in her circling motion? The fact is they cannot fully demonstrate even so familiar a phenomenon as this, one that has no mystery for even the neophytes in alchemy and magic. We should also like to learn whether they are equally incapable of telling us why the moon's rays are so poisonous, even fatal, to some organisms; why in some parts of Africa and India a person sleeping in the moonlight is often made insane; why the crises of certain diseases correspond with lunar changes; why somnambulists are more affected at her full; and why gardeners, farmers, and woodmen cling so tenaciously to the idea that vegetation is affected by lunar influences? Several of the mimosae alternately open and close their petals as the full moon emerges from or is obscured by clouds. And the Hindûs of Travancore have a popular but extremely suggestive proverb which says: "Soft words are better than harsh; the sea is attracted by the cool moon and not by the hot sun." Perhaps the one man or the many men who launched this proverb on the world knew more about the cause of such attraction of the waters by the moon than we do. Thus if science cannot explain the cause of this physical influence, what can she know of the moral and occult influences that may be exercised by the celestial bodies on men and their destiny; and why contradict that which it is impossible for her to prove false? If certain aspects of the moon effect tangible results so familiar in the experience of men throughout all time, what violence are we doing to logic in assuming the possibility that certain combinations of sidereal influences may also be more or less potential?

If the reader will recall what is said by the learned authors of *The*

560. It appears that in descending from Mont Blanc Tyndall suffered severely from the heat, though he was knee-deep in the snow at the time. The Professor attributed this to the burning rays of the sun, but Pleasonton maintains that if the rays of the sun had been so intense as described, they would have melted the snow, which they did not; he concludes that the heat from which the Professor suffered came from his own body, and was due to the electrical action of sunlight upon his dark woollen clothes, which had become electrified positively by the heat of his body. The cold, dry ether of planetary space and the upper atmosphere of the earth became negatively electrified, and falling upon his warm body and clothes, positively electrified, evolved an increased heat (see *The Influence of the Blue Ray*, etc., pp. 39, 40, 41, etc.).

Unseen Universe ⁵⁶¹ as to the positive effect produced upon the universal ether by so small a cause as the evolution of thought in a single human brain, is it not reasonable to suppose that the terrific impulses imparted to this common medium by the sweep of the myriad blazing orbs that are rushing through 'the interstellar depths,' should in a powerful degree affect us and the earth upon which we live? If astronomers cannot explain to us the occult law by which the drifting particles of cosmic matter aggregate into worlds, and then take their places in the majestic procession which is ceaselessly moving around some central point of attraction, how can anyone presume to say what mystic influences may or may not be darting through space and affecting the issues of life upon this and other planets? Almost nothing is known of the laws of magnetism and the other imponderable agents; almost nothing of their effects upon our bodies and minds; even that which is known and moreover perfectly demonstrated, is attributed to chance and curious *coincidences*. But we do know, by these coincidences, ⁵⁶² that "there are periods when certain diseases, propensities, fortunes, and misfortunes of humanity are more rife than at others." There are times of epidemic in moral and physical affairs. In one epoch "the spirit of religious controversy will arouse the most ferocious passions of which human nature is susceptible, provoking mutual persecution, bloodshed, and wars; at another, an epidemic of resistance to constituted authority will spread over half the world (as in the year 1848), rapid and simultaneous as the most virulent bodily disorder. Again, the *collective character* of mental phenomena is illustrated by an anomalous psychological condition invading and dominating thousands upon thousands, depriving them of everything but automatic action, and giving rise to the popular opinion of demoniacal possession,—an opinion in some sense justified by the satanic passions, emotions, and acts which accompany the state. At one period, the aggregate tendency is to retirement and contemplation, hence the countless votaries of monachism and anchoritism; at another, the mania is directed towards *action*, having for its proposed end some Utopian scheme, equally impracticable and useless—hence the myriads who have forsaken their kindred, their homes, and their country, to seek a land whose stones were gold, or to wage exterminating war for the possession of worthless cities and trackless deserts." ⁵⁶³

561. Ch. vii, § 196, etc.

562. The most curious of all "curious coincidences" to our mind, is that our men of science should put aside facts, striking enough to cause them to use such an expression when speaking of them, instead of setting to work to give us a philosophical explanation of the same.

563. Chas. Elam, M. D.: *A Physician's Problems*, p. 159: London, 1869.

The author from whom the above is quoted says that "the seeds of vice and crime appear to be sown under the surface of society, and to spring up and bring forth fruit with appalling rapidity and paralysing succession."

In the presence of these striking phenomena science stands speechless; she does not even attempt to conjecture their cause, and naturally, for she has not yet learned to look beyond this ball of dirt, with its heavy atmosphere, upon which we live, for the hidden influences which are affecting us day by day, and even minute by minute. But the ancients, whose "ignorance" is assumed by Mr. Proctor, fully realized the fact that the reciprocal relations between the planetary bodies is as perfect as those between the corpuscles of the blood, which float in a common fluid; and that each one is affected by the combined influences of all the rest, as each in its turn affects all the others. As the planets differ in size, distance, and activity, so do they differ in regard to the influence they exert upon the ether or astral light, and the magnetic and other subtle forces radiated by them in certain aspects of the heavens. Music is the combination and modulation of sounds, and sound is the effect produced by the vibration of the ether. Now if the impulses communicated to the ether by the different planets may be likened to the tones produced by the different notes of a musical instrument, it is not difficult to conceive that the Pythagorean 'music of the spheres' is something more than a mere fancy, and that certain planetary aspects may produce disturbances in the ether of our planet, while others tend to peace and harmony. Some kinds of music excite us to frenzy; others exalt the soul to religious aspirations. In fine, there is scarcely a human being who does not respond to certain vibrations of the atmosphere. It is the same with colors; some excite us, some soothe and please. The nun clothes herself in black to typify the despondency of a faith crushed under the sense of original sin; the bride robes herself in white; red inflames the anger of certain animals. If we and the animals are affected by vibrations acting upon a very minute scale, why may we not be influenced in the mass by vibrations acting upon a grand scale as the effect of combined stellar influences?

"We know," says Dr. Elam, "that certain pathological conditions have a tendency to become epidemic, *influenced by causes not yet investigated*. . . . We see how strong is the tendency of opinion once promulgated to run into an epidemic form — no opinion, no delusion, is too absurd to assume this collective character. We observe also how remarkably the same ideas reproduce themselves and *reappear in successive ages*; . . . no crime is too horrible to become popular — homicide, infanticide, suicide, poisoning, or any other diabolical human conception.

. . . In epidemics, the cause of the rapid spread at that particular period *remains a mystery!*"

These few lines contain an undeniable *psychological* fact, sketched with a masterly pen, and at the same time a *half*-confession of utter ignorance — "*Causes not yet investigated.*" Why not be honest and add at once, "*impossible to investigate with present scientific methods*"?

Noticing an epidemic of incendiarism, Dr. Elam quotes from the *Annales d'Hygiène Publique* the following cases: "A girl about seventeen years of age was arrested on suspicion . . . she confessed that twice she had set fire to dwellings by *instinct*, by *irresistible necessity*. . . . A boy about eighteen committed many acts of this nature. He was not moved by any passion, but the bursting-out of the flames excited a profoundly pleasing emotion."⁵⁶⁴

Who has not been struck by similar accounts in the columns of the daily press? They meet the eye constantly. In cases of murder of every description, and of other crimes of a diabolical character, the act is attributed, in nine cases out of ten, by the offenders themselves, to *irresistible obsessions*. "*Something* whispered constantly in my ear. . . . *Somebody* was incessantly pushing and leading me on." Such are the too-frequent confessions of the criminals. Physicians attribute them to hallucinations of disordered brains, and call the homicidal impulse temporary *lunacy*. But is lunacy itself well understood by any psychologist? Has its cause ever been brought under a hypothesis capable of withstanding the challenge of an uncompromising investigator? Let the controversial works of our contemporary alienists answer for themselves.

Plato acknowledges man to be the toy of the element of necessity, which he enters upon when he appears in this world of matter; he is influenced by external causes, and these causes are *daimonia*, like that of Socrates. Happy is the man physically pure, for if his *external* soul (body) is pure, it will strengthen the second one (astral body), or the soul which is termed by him the *higher mortal soul*, which though liable to err from its own motives, will always side with reason against the animal proclivities of the body. The lusts of man arise in consequence of his perishable material body, so do other diseases; but though Plato regards crimes as *involuntary* sometimes, for they result like bodily disease from external causes, yet he clearly makes a wide distinction between these *causes*. The fatalism which he concedes to humanity, does not preclude the possibility of rising superior to these causes, for though pain, fear, anger, and other feelings are given to men by *necessity*, "if they conquered these they would live righteously, and if they were conquered by them, *unrighteously*."⁵⁶⁵ The *dual* man, i. e., one

564. *A Physician's Problems*, pp. 190-3.

565. Jowett: *Introd. to Timaeus*, p. 467.

from whom the divine *immortal* spirit has departed, leaving but the animal form and astral body (Plato's higher *mortal* soul), is left merely to his *instincts*, for he has been subjugated by all the evils entailed on matter; hence he becomes a docile tool in the hands of the *invisibles* — beings of sublimated matter, hovering in our atmosphere, and ever ready to inspire those who are deservedly deserted by their *immortal* counsellor, the Divine Spirit, called by Plato "genius."⁵⁶⁶ According to this great philosopher and initiate, one "who lived well during his appointed time would return to the habitation of *his star*, and there have a blessed and suitable existence. But if he failed in attaining this, in the second generation he would pass *into a woman* [become helpless and weak as a woman],⁵⁶⁷ and should he not cease from evil in that condition, he would be changed into some brute which resembled him in his evil ways, and would not cease from his toils and transformations until he followed the original principle of sameness and likeness within him, and overcame, by the help of reason, the later accretions of turbulent and irrational *elements* [elementary daemons] composed of fire and air, and water and earth, and returned to the form of his first and better nature."⁵⁶⁸

But Dr. Elam thinks otherwise. On page 194 of his book, *A Physician's Problems*, he says that the cause of the rapid spread of certain epidemics of disease which he is noticing "remains a mystery"; but as regards the incendiarism, he remarks that "in all this we find nothing mysterious, though the epidemic is strongly developed." Strange contradiction! De Quincey, in his paper, entitled *Murder Considered as One of the Fine Arts*, treats of the epidemic of assassination, between 1588 and 1635, when seven of the most distinguished characters of the time lost their lives at the hands of assassins, but neither he nor

566. Jowett: *Timaeus*, § 90, p. 580.

567. According to General Pleasonton's theory of positive and negative electricity underlying every psychological, physiological, and cosmic phenomenon, the abuse of alcoholic stimulants transforms a man into a woman and *vice versa*, by changing their *electricities*. "When this change in the condition of his electricity has occurred," says the author, "his attributes [those of a drunkard] become *feminine*; he is irritable, irrational, excitable . . . becomes violent, and if he meets his wife, whose normal condition of electricity is like his present condition, positive, they repel each other, become mutually abusive, engage in conflict and deadly strife, and the newspaper of the next day announces the verdict of the coroner's jury on the case. . . . Who would expect to find the discovery of the moving cause of all these terrible crimes in the perspiration of the criminal? and yet science has shown that the metamorphosis of a man into a woman, by changing the negative condition of his electricity into the *positive* electricity of the woman, with all its attributes, is disclosed by the character of his perspiration superinduced by the use of alcoholic stimulants!" (*The Influence of the Blue Ray*, p. 119.)

568. Jowett: *Timaeus*, § 42, p. 535.

any other commentator has been able to explain the mysterious cause of this homicidal mania.

If we press these gentlemen for an explanation, which as pretended philosophers they are bound to give us, they reply that it is a great deal more *scientific* to assign for such epidemics "agitation of the mind," ". . . a time of political excitement (1830)," ". . . imitation and impulse," ". . . excitable and idle boys," and "*hysterical girls*," than to be absurdly seeking for the verification of superstitious traditions in a hypothetical astral light. It seems to us that if, by some providential fatality, *hysteria* were to disappear entirely from the human system, the medical fraternity would be entirely at a loss for explanations of a large class of phenomena now conveniently classified under the head of "normal symptoms of certain pathological conditions of the nervous centers." Hysteria has been hitherto the sheet-anchor of skeptical pathologists. Does a dirty peasant-girl begin suddenly to speak with fluency different foreign languages hitherto unfamiliar to her, and to write poetry—"hysterics!" Is a medium levitated, in full view of a dozen of witnesses, and carried out of one third-story window and brought back through another—"disturbance of the nervous centers, followed by a *collective hysterical delusion*."⁵⁶⁹ A Scotch terrier, caught in the room during a manifestation, is hurled by an invisible hand across the room, breaks to pieces, in his *salto mortali*, a chandelier, under a ceiling eighteen feet high, to fall down killed⁵⁷⁰—"canine hallucination!"

"True science has no belief," says Dr. Fenwick, in Bulwer Lytton's *Strange Story*; "true science knows but three states of mind: denial, conviction, and the vast interval between the two, which is not belief, but the *suspension of judgment*." Such, perhaps, was true science in Dr. Fenwick's days. But the true science of our modern times proceeds otherwise; it either denies point-blank, without any preliminary investigation, or sits in the interim, between denial and conviction, and, dictionary in hand, invents new Graeco-Latin appellations for non-existing kinds of hysteria!

Powerful clairvoyants and adepts in mesmerism, by reason of their lucid vision in the astral light, have often described the epidemics and *physical* (though to others invisible) manifestations which science attributes to epilepsy, haemato-nervous disorders, and what not, as being of *somatic origin*. They affirm that the 'electric waves' were in violent perturbation, and that they discerned a direct relation between this ethereal disturbance and the mental or physical epidemic then raging.

569. Littré: in *Revue des Deux Mondes*, Feb. 1856.

570. Des Mousseaux: *Les hauts phénomènes de la magie*, ch. ii.

But science has heeded them not, and has gone on with her encyclopaedic labor of devising new names for old things.

"History," says Du Potet, the prince of French mesmerists, "keeps but too well the sad records of sorcery. These facts were but too real, and lent themselves but too readily to dreadful malpractices of the art, to monstrous abuse! . . . But how did I come to find out that art? Where did I learn it? In my thoughts? no; it is *nature* herself which discovered to me the secret. And how? By producing before my own eyes, without waiting for me to search for it, indisputable facts of sorcery and magic. . . . What is, after all, somnambulistic sleep? *A result of the potency of magic.* And what is it which determines these attractions, these *sudden impulses*, these raving epidemics, rages, antipathies, crises; — these convulsions which *you can make durable?* . . . what is it which determines them, if not the *very principle* we employ, the agent *so decidedly well known to the ancients?* What you call nervous fluid or *magnetism*, the men of old called *occult power*, or the potency of the soul, subjection, **MAGIC!** . . .

"Magic is based on the existence of a mixed world placed *without*, not *within* us; and with which we can enter in communication by the use of certain arts and practices. . . . An element *existing in nature*, unknown to most men, . . . gets hold of a person and withers and breaks him down, as the fearful hurricane does a bulrush; it scatters men far away, it strikes them in a *thousand places at the same time*, without their perceiving the invisible foe, or being able to protect themselves . . . all this is *demonstrated*; but that this element could choose friends and select *favorites*, obey their *thoughts*, answer to the human voice, and understand the meaning of *traced signs*, that is what people cannot realize, and *what their reason rejects*, . . . and that is *what I saw*; and I say it here most emphatically, that for me it is a fact and a *truth* demonstrated for ever." ⁵⁷¹

"If I entered into greater details, one could readily understand that there do exist *around us, as in ourselves*, mysterious beings who have *power and shape*, who enter and go out at will, notwithstanding the well-closed doors." ⁵⁷² Further, the great mesmerizer teaches us that the faculty of directing this fluid is a "physical property, resulting from our organization . . . it passes through all bodies . . . everything can be used as a conductor for magical operations, and it will retain the power of producing effects in its turn." This is the theory common to all Hermetic philosophers. Such is the power of the fluid, "that *no chemical or physical forces are able to destroy it.* . . . There is very little analogy

571. Du Potet: *La magie dévoilée*, pp. 54-5, 155-6, 161: Paris, 1875. (Cf. footnote 332.)

572. *Ibid.*, pp. 213-4.

between the imponderable fluids known to physicists and this animal magnetic fluid." ⁵⁷³

If we now refer to medieval ages, we find, among others, Cornelius Agrippa telling us precisely the same: "The ever-changing universal force, the 'soul of the world,' can fecundate anything by infusing in it its own celestial properties. Arranged according to the formula taught by *science*, these objects receive the gift of communicating to us their virtue. It is sufficient to wear them, to feel them immediately operating on the soul as on the body. . . . Human soul possesses, from the fact of its being of the same essence as all creation, a *marvelous power*. One who possesses the secret is enabled to rise in science and knowledge as high as his imagination will carry him; but he does that only on the condition of becoming closely united to this universal force. . . . Truth, even the future, can be then made ever present to the eyes of the soul; and this fact has been demonstrated many times by things coming to pass as they were seen and described beforehand . . . time and space vanish before the eagle eye of the immortal soul . . . her power becomes boundless . . . she can shoot through space and envelop with her presence a man, *no matter at what distance*; she can plunge and penetrate him through, and make him hear the voice of the person she belongs to, as if that person were in the room." ⁵⁷⁴

If unwilling to seek for proof or receive information from medieval, Hermetic philosophy, we may go still further back into antiquity, and select, out of the great body of philosophers of the pre-Christian ages, one who can least be accused of superstition and credulity — Cicero. Speaking of those whom he calls *gods*, and who are either human or atmospheric spirits, "We know," says the old orator, "that of all living beings man is the best formed, and as the gods belong to this number they must have a human form. . . . I do not mean to say that the gods have body and blood in them; but I say that they *seem* as if they had bodies with blood in them. . . . Epicurus, for whom hidden things were as tangible as if he had touched them with his finger, teaches us that gods are not generally visible, but that they are *intelligible*; that they are not bodies having a certain solidity . . . but that we can recognise them by their *passing images*; that as there are *atoms* enough in the infinite space to *produce such images*, these are produced before us . . . and make us realize what are these happy, immortal beings." ⁵⁷⁵

"When the initiate," says Lévi, in his turn, "has become quite *lucide*,

573. Baron Du Potet: *Cours de magnétisme*, pp. 17-108.

574. *De occulta philosophia*, pp. 332-358.

575. Cicero: *On the Nature of the Gods*, I, xix.

. . . he communicates and directs at will the *magnetic* vibrations in the mass of astral light. . . . Transformed in human light at the moment of the conception, *it* (the light) becomes the *first envelope of the soul*; by combination with the subtlest fluids it forms an ethereal body, or the *sidereal phantom*, . . . which is entirely disengaged *only* at the moment of death."⁵⁷⁶ To project this ethereal body, at no matter what distance; to render it more objective and tangible by condensing over its fluidic form the waves of the parent essence, is the great secret of the adept-magician.

Theurgical magic is the last expression of occult psychological science. The Academicians reject it as the hallucination of diseased brains, or brand it with the opprobrious epithet of charlatanry. We deny to them most emphatically the right of expressing their opinion on a subject which they have never investigated. They have no more right, in their present state of knowledge, to judge of magic and Spiritualism than a Fiji islander to venture his opinion about the labors of Faraday or Agassiz. About all they can do on any one day is to correct the errors of the preceding day. Nearly three thousand years ago, earlier than the days of Pythagoras, the ancient philosophers claimed that light was ponderable — hence *matter*, and that light was force. The corpuscular theory, owing to certain Newtonian failures to verify it, was laughed down, and the undulatory theory, which proclaimed light *imponderable*, accepted. And now the world is startled by Mr. Crookes *weighing* light with his radiometer! The Pythagoreans held that neither the sun nor the stars were the *sources* of light and heat, and that the former was but an agent; but the modern schools teach the contrary.

The same may be said respecting the Newtonian law of gravitation. Following strictly the Pythagorean doctrine, Plato held that gravitation was not merely a law of the magnetic attraction of lesser bodies to larger ones, but a magnetic repulsion of similars and attraction of dissimilars. "Things brought together," says he, "contrary to nature, are naturally at war, and repel one another."⁵⁷⁷ This cannot be taken to mean that repulsion occurs of necessity between bodies of dissimilar properties, but simply that when naturally antagonistic bodies are brought together they repel one another. The researches of Bart and Schweigger leave us in little or no doubt that the ancients were well acquainted with the mutual attractions of iron and the lodestone, as well as with the positive and negative properties of electricity, by whatever name they may have

576. Éliphas Lévi: *Dogme et rituel de la haute magie* — Dogme, ch. vi, viii.

577. See *Timæus*. Such expressions made Professor Jowett state in his Introduction, p. 510, that Plato taught the attraction of similar bodies to similar. But this assertion would amount to denying the great philosopher even a rudimentary knowledge of the laws of magnetic poles.

called these. The reciprocal magnetic relations of the planetary orbs, which are all magnets, was with them an accepted fact, and *aërolites* were not only called by them magnetic stones, but were used in the Mysteries for purposes for which we now employ the magnet. When, therefore, Professor A. M. Mayer, of the Stevens Institute of Technology, told the Yale Scientific Club in 1872 that the earth is a great magnet, and that "on any sudden agitation of the sun's surface the magnetism of the earth receives a profound disturbance in its equilibrium, causing fitful tremors in the magnets of our observatories, and producing those grand outbursts of the polar lights, whose lambent flames dance in rhythm to the quivering needle,"⁵⁷⁸ he only restated, in good English, what was taught in good Doric untold centuries before the first Christian philosopher saw the light.

The prodigies accomplished by the priests of theurgical magic are so well authenticated, and the evidence — if human testimony is worth anything at all — is so overwhelming that, rather than confess that the Pagan theurgists far outrivaled the Christians in miracles, Sir David Brewster piously concedes to the former the greatest proficiency in physics and everything that pertains to natural philosophy. Science finds herself in a very disagreeable dilemma. She must either confess that the ancient physicists were superior in knowledge to her modern representatives, or that there exists something in nature beyond physical science, and that *spirit* possesses powers of which our philosophers never dreamed.

"The mistake we make in some science we have specially cultivated," says Bulwer Lytton, "is often only to be seen by the light of a separate science as especially cultivated by another."⁵⁷⁹

Nothing can be accounted for more easily than the highest possibilities of magic. By the radiant light of the universal magnetic ocean, whose electric waves bind the cosmos together, and in their ceaseless motion penetrate every atom and molecule of the boundless creation, the disciples of mesmerism — however inadequate their various experiments — intuitively perceive the alpha and omega of the great mystery. Only the study of this agent, which is the divine breath, can unlock the secrets of psychology and physiology, of cosmical and spiritual phenomena.

"Magic," says Psellus, "formed the last part of the sacerdotal science. It investigated the nature, power, and quality of everything sub-lunary; of the elements and their parts, of animals, of various plants and their fruits, of stones and herbs. In short, it explored the essence and power of everything. Therefore by these means it produced its effects.

578. Alfred Marshall Mayer, Ph. D.: *The Earth a Great Magnet*, a lecture delivered before the Yale Scientific Club, Feb. 14, 1872. 579. *A Strange Story*, ch. 31.

And it formed *statues* [magnetized] which procure health, and made sundry figures and things [talismans] which could equally become the instruments of disease as of health. Often, too, celestial fire is made to appear through magic, and then statues laugh and lamps are spontaneously enkindled."⁵⁸⁰

If Galvani's modern discovery can set in motion the limbs of a dead frog, and force a dead man's face to express, by the distortion of its features, the most varied emotions, from joy to diabolical rage, despair, and horror, the Pagan priests, unless the combined evidence of the most trustworthy men of antiquity is not to be relied upon, accomplished the still greater wonders of making their stone and metal statues to sweat and smile. The *celestial*, pure fire of the Pagan altar was electricity drawn from the astral light. Statues, therefore, if properly prepared, might, without any accusation of superstition, be allowed to have the property of imparting health and disease by contact, as well as any modern galvanic belt, or overcharged battery.

Scholastic skeptics, as well as ignorant materialists, have greatly amused themselves for the last two centuries over the *absurdities* attributed to Pythagoras by his biographer, Iamblichus. The Samian philosopher is said to have persuaded a she-bear to give up eating human flesh; to have forced a white eagle to descend to him from the clouds, and to have subdued him by stroking him gently with the hand, and by talking to him. On another occasion Pythagoras actually persuaded an ox to renounce eating beans, by merely whispering in the animal's ear!⁵⁸¹ Oh, ignorance and superstition of our forefathers, how ridiculous they appear in the eyes of our enlightened generations! Let us, however, analyse this absurdity. Every day we see unlettered men, proprietors of strolling menageries, taming and completely subduing the most ferocious animals, merely by the power of their irresistible will. Nay, we have at the present moment in Europe several young and physically-weak girls, under twenty years of age, fearlessly doing the same thing. Every one has either witnessed or heard of the seemingly magical power of some mesmerizers and psychologists. They are able to subjugate their patients for any length of time. Regazzoni, the mesmerist who excited such wonder in France and London, has achieved far more extraordinary feats than those we have quoted in respect to Pythagoras. Why then accuse the ancient biographers of such men as Pythagoras and Apollonius of Tyana of either wilful misrepresentation or absurd superstition? When we realize

580. Part of a rare MS. by Psellus, *De daemonibus*, in Pausanias: *The Descr. of Greece*, III, p. 293 (T. Taylor). Cf. T. Taylor: *The Eleus. and Bacch. Myst.*, p. 159, sq.

581. T. Taylor: *Iamblichus' Life of Pythagoras*, ch. xiii.

that the majority of those who are so skeptical as to the magical powers possessed by the ancient philosophers, who laugh at the old theogonies and the fallacies of mythology, have nevertheless an implicit faith in the records and inspiration of their Bible, hardly daring to doubt even that monstrous absurdity that Joshua arrested the course of the sun, we may well say *Amen* to Godfrey Higgins' just rebuke: "When I find," he says, "learned men believing *Genesis literally*, which the ancients, with all their failings, had too much sense to receive except allegorically, I am tempted to doubt the reality of the improvement of the human mind."⁵⁸²

One of the very few commentators on old Greek and Latin authors, who have given their just dues to the ancients for their mental development, is Thomas Taylor. In his translation of Iamblichus' *Life of Pythagoras*, we find him remarking as follows: "Since Pythagoras, as Iamblichus informs us, was initiated in all the Mysteries of Byblus and Tyre, in the sacred operations of the Syrians, and in the Mysteries of the Phoenicians, and since he spent two and twenty years in the adyta of temples in Egypt, associated with the Magi in Babylon, and was instructed by them in their venerable knowledge, it is not at all wonderful that he was skilled in magic, or theurgy, and was therefore able to perform things which surpass merely human power, and which appear to be perfectly incredible to the vulgar."⁵⁸³

The universal ether was not, in the eyes of the ancients, simply a something stretching tenantless throughout the expanse of heaven; it was a boundless ocean peopled like our familiar seas with creatures large and small, and having the germs of life in every molecule. Like the finny tribes which swarm in our oceans and smaller bodies of water, each kind having its *habitat* in some spot to which it is curiously adapted, some friendly and some inimical to man, some pleasant and some frightful to behold, some seeking the refuge of quiet nooks and land-locked harbors, and others traversing great areas of water, the various races of the *elemental* spirits were believed by them to inhabit the different portions of the great ethereal ocean, and to be exactly adapted to their respective conditions. If we only bear in mind the fact that the rushing of planets through space must create a disturbance in this plastic and attenuated medium, as absolute as the passage of a cannon shot does in the air or that of a steamer in the water, and on a cosmic scale, we can understand that (admitting our premisses to be true) certain planetary aspects may produce much more violent agitation, and cause much stronger currents to flow in a given direction, than do others. With the same premisses conceded, we may also see why, by such various aspects of the stars, shoals of

582. *Anacalypsis*, I, p. 807.

583. Iamblichus: *Life of Pythagoras*, pp. 296-7.

friendly or hostile 'elementals' might be poured in upon our atmosphere, or some particular portion of it, and make the fact appreciable by the effects which ensue.

According to the ancient doctrines, the soulless elemental spirits were evolved by the ceaseless motion inherent in the astral light. Light is force, and the latter is produced by the *will*. As this will proceeds from an intelligence which cannot err, for it is entirely independent of the physical basis of *human* thought, being the pure, transcendent emanation of the highest divinity itself (Plato's 'Father') — it proceeds from the beginning of time, according to immutable laws, to evolve the elementary fabric requisite for the subsequent generation of what we call human races. All of the latter, whether belonging to this planet or to some other of the myriads in space, have their earthly bodies evolved in the matrix out of the bodies of a certain class of these elemental beings which have passed away in the invisible worlds. In the ancient philosophy there was no missing link to be supplied by what Tyndall calls an "educated imagination"; no hiatus to be filled with volumes of materialistic speculations made necessary by the absurd attempt to solve an equation with but one set of quantities; our 'ignorant' ancestors traced the law of evolution throughout the whole universe. As by gradual progression from the star-cloudlet to the development of the physical body of man, the rule holds good, so from the universal ether to the incarnate human spirit, they traced one uninterrupted series of entities. These evolutions were from the world of spirit into the world of gross matter; and through that back again to the source of all things. The 'descent of species' was to them a descent from the spirit, primal source of all, to the 'degradation of matter.' In this complete chain of unfoldings the elemental, semi-spiritual beings had as distinct a place, midway between the extremes, as Mr. Darwin's missing-link between the ape and man.

No author in the world of literature ever gave a more truthful or more poetical description of these beings than Sir E. Bulwer Lytton, the author of *Zanoni*. Now himself "a thing not of matter" but an "Idea of joy and light," his words sound more like the faithful echo of memory than the exuberant outflow of mere imagination.

"Man is arrogant in proportion to his ignorance," he makes the wise Mejnour say to Glyndon. ". . . For several ages he saw in the countless worlds, that sparkle through space like the bubbles of a shoreless ocean, only the petty candles . . . that Providence has been pleased to light for no other purpose but to make the night more agreeable to man. Astronomy has corrected this delusion of human vanity, and man now reluctantly confesses that the stars are worlds, larger and more glorious than his own. . . . Everywhere, then, in this immense design, science

brings new life to light. . . . Reasoning, then, by evident analogy, if not a leaf, if not a drop of water, but is, no less than yonder star, a habitable and breathing world — nay, if even man himself is a world to other lives, and millions and myriads dwell in the rivers of his blood, and inhabit man's frame, as man inhabits earth — common sense (if your schoolmen had it) would suffice to teach that the circumfluent infinite which you call space — the boundless impalpable which divides earth from the moon and stars — is filled also with its correspondent and appropriate life. Is it not a visible absurdity to suppose that Being is crowded upon every leaf, and yet absent from the immensities of space! The law of the great system forbids the waste even of an atom; it knows no spot where something of life does not breathe. . . . Well, then, can you conceive that space, which is the infinite itself, is alone a waste, is alone lifeless, is less useful to the one design of universal being . . . than the peopled leaf, than the swarming globule? The microscope shows you the creatures on the leaf; *no mechanical tube is yet invented to discover the nobler and more gifted things that hover in the illimitable air.* Yet between these last and man is a mysterious and terrible affinity. . . . But first, to penetrate this barrier, the soul with which you listen must be sharpened by intense enthusiasm, purified from all earthly desires. . . . When thus prepared, science can be brought to aid it; the sight itself may be rendered more subtle, the nerves more acute, the spirit more alive and outward, and the element itself — the air, the space — may be made, by certain secrets of the higher chemistry, more palpable and clear. And this, too, is not *magic*, as the credulous call it; as I have so often said before, magic (or science that violates nature) exists not; it is *but the science by which nature can be controlled.* Now in space there are millions of beings, *not literally spiritual*, for they have all, like the animalcula unseen by the naked eye, certain forms of matter, though matter so delicate, air-drawn, and subtle, that it is, as it were, but a film, a gossamer, that clothes the spirit. . . . Yet in truth these races differ most widely . . . some of surpassing wisdom, some of horrible malignity; some hostile as fiends to men, others gentle as messengers between earth and heaven. . . . Amid the dwellers of the threshold is one, too, surpassing in malignity and hatred all her tribe; one whose eyes have paralysed the bravest, and whose power increases over the spirit precisely in proportion to its fear.”⁵⁸⁴

Such is the insufficient sketch of elemental beings void of divine spirit, given by one whom many with reason believed to know more than he was prepared to admit in the face of an incredulous public.

584. Bulwer Lytton: *Zanoni*, Bk. IV, ch. iv.

In the following chapter we will endeavor to explain some of the esoteric speculations of the initiates of the sanctuary, as to what man was, is, and may yet be. The doctrines they taught in the Mysteries — the source from which sprang the Old and partially the New Testament, belonged to the most advanced notions of morality and religious *revelations*. While the literal meaning was abandoned to the fanaticism of the unreasoning lower classes of society, the higher classes, the majority of whose members consisted of *Initiates*, pursued their studies and their worship of the *one* God of Heaven in the solemn silence of the temples.

The speculations of Plato, in the *Banquet*, on the creation of the primordial men, and the essay on Cosmogony in the *Timæus*, must be taken allegorically, if we accept them at all. It is this hidden Pythagorean meaning in *Timæus*, *Cratylus*, and *Parmenides*, and a few other trilogies and dialogs, that the Neo-Platonists ventured to expound, as far as the theurgical vow of secrecy would allow them. The Pythagorean doctrine that *God is the universal mind diffused through all things*, and the dogma of the soul's immortality, are the leading features in these apparently incongruous teachings. His piety and the great veneration Plato felt for the MYSTERIES, are sufficient warrant that he would not allow his indiscretion to get the better of that deep sense of responsibility which is felt by every adept. "Constantly perfecting himself in perfect MYSTERIES, a man in them alone becomes truly perfect," says he in the *Phædrus*.⁵⁸⁵

He took no pains to conceal his displeasure that the Mysteries had become less secret than formerly. Instead of profaning them by putting them within the reach of the multitude, he would have guarded them with jealous care against all but the most earnest and worthy of his disciples.⁵⁸⁶ While mentioning the gods on every page, his monotheism is unquestionable, for the whole thread of his discourse indicates that by the term *gods* he means a class of beings far lower in the scale than deities, and but one grade higher than men. Even Josephus perceived and acknowledged this fact, despite the natural prejudice of his race. In his famous onslaught upon Apion, this historian says:⁵⁸⁷ "Those, however, among the Greeks who philosophized *in accordance with truth*, were not ignorant of anything . . . nor did they fail to perceive the chilling superficialities of the mythical allegories, on which account they justly

585. *Phædrus*, § 62. (Bohn's Class. Libr.)

586. This assertion is clearly corroborated by Plato himself, who says: "You say that, in my former discourse, I have not sufficiently explained to you the nature of the *First*. I purposely spoke enigmatically, that in case the tablet should have met with any accident, either by land or sea, a person, without some previous knowledge of the subject, might not be able to understand its contents" (*Second Epistle*).

587. Josephus: *Against Apion*, II, § 37.

despised them. . . . By which thing Plato, being moved, says it is not necessary to admit any one of the other poets into 'the Commonwealth,' and *he dismisses Homer* blandly, after having crowned him and pouring unguent upon him, in order that indeed he should not destroy, by *his myths, the orthodox belief respecting one God.*"

Those who can discern the true spirit of Plato's philosophy, will hardly be satisfied with that estimate of it which Jowett lays before his readers. He tells us that the influence exercised upon posterity by the *Timaeus* is partly due to a misunderstanding of the doctrine of its author by the Neo-Platonists. He would have us believe that the hidden meanings which they found in this *Dialogue*, are "quite at variance with the spirit of Plato."⁵⁸⁸ This is equivalent to the assumption that Jowett understands what this spirit really was; whereas his criticism upon this particular topic rather indicates that he did not penetrate it at all. If, as he tells us, the Christians seem to find in Plato's work their trinity, the word, the church, and the creation of the world, in a Jewish sense, it is because all this *is* there, and therefore it is only natural that they should find it. The outward building is the same; but the spirit which animated the dead letter of the philosopher's teaching has fled, and we should seek for it in vain through the arid dogmas of Christian theology. The Sphinx is the same now as it was four centuries before the Christian era; but the Oedipus is no more. He is slain because he has given to the world that which the world was not ripe enough to receive. He was the embodiment of truth, and he had to die, as every grand truth has to, before it revives from its own ashes, like the Phoenix of old. Every translator of Plato's works has remarked on the strange similarity between the philosophy of the esotericists and the Christian doctrines, and each of them has tried to interpret it in accordance with his own religious feelings. So Cory, in the Introductory Dissertation to his *Ancient Fragments*, tries to prove that it is but an outward resemblance; and does his best to lower the Pythagorean Monad in the public estimation and exalt upon its ruins the later anthropomorphic deity. Taylor, advocating the former, acts as uncere- moniously with the Mosaic God. Zeller boldly laughs at the pretensions of the Fathers of the Church, who, notwithstanding history and its chronology, and whether people will have it or not, insist that Plato and his school have robbed Christianity of its leading features. It is as fortunate for us as it is unfortunate for the Roman Church that such clever sleight-of-hand as that resorted to by Eusebius is rather difficult in our century. It was easier to pervert chronology "for the sake of making synchronisms" in the days of the Bishop of Caesarea than it is now; and while history exists no one can help people knowing that Plato lived 600 years

588. Jowett: *The Dialogues of Plato*; Introd. to *Timaeus*, p. 455.

before Irenaeus took it into his head to establish a *new* doctrine from the ruins of Plato's older Academy.

This doctrine of God as the universal mind diffused through all things, underlies all ancient philosophies. The Buddhistic tenets, which can never be better comprehended than when studying the Pythagorean philosophy — their faithful reflexion — have this as their basis as well as the Bráhmānical religion and early Christianity. The purifying process of transmigrations — the metempsychoses — however grossly anthropomorphized at a later period, must be regarded as only a supplementary doctrine, disfigured by theological sophistry with the object of getting a firmer hold upon believers through a popular superstition. Neither Gautama-Buddha nor Pythagoras intended this purely metaphysical allegory to be interpreted *literally*. Esoterically, it is explained in the 'Mystery' of the *Kounboun*,⁵⁸⁹ and relates to the purely spiritual peregrinations of the human soul. It is not in the dead letter of Buddhistical sacred literature that scholars may hope to find the true solution of its metaphysical subtleties. The latter weary the power of thought by the inconceivable profundity of their ratiocination; and the student is never farther from truth than when he believes himself nearest its discovery. The mastery of every doctrine of the perplexing Buddhist system can be attained only by proceeding strictly according to the Pythagorean and Platonic method; from universals down to particulars. The key to it lies in the refined and mystical tenets of the spiritual influx of divine life. "Whoever is unacquainted with my law," says Buddha, "and dies in that state, must return to the earth till he becomes a perfect Samanean. To achieve this object, he must destroy within himself the trinity of *Máyá*.⁵⁹⁰ He must extinguish his passions, unite and identify himself with *the law* (the teaching of the secret doctrine), and comprehend the religion of *annihilation*."

Here annihilation refers but to *matter*, that of the visible as well as of the invisible body; for the astral soul (*perispit*) is still matter, however sublimated. The same book says that what *Fo* (Buddha) meant to say was, that "the primitive substance is eternal and unchangeable. Its highest revelation is the pure, luminous ether, the boundless infinite space, not a void resulting from the absence of forms, but, on the contrary, *the foundation of all forms*, and anterior to them. But the very presence of *forms* denotes it to be the creation of *Máyá*, and all her works are as nothing before the *uncreated* being, SPIRIT, in whose profound and sacred repose all motion must cease forever."

589. See chapter ix, p. 302.

590. "Illusion: matter in its triple manifestation in the earthly, and the astral or fontal soul; or the body, and the Platonian dual soul, the rational and the irrational." See next chapter.

Thus *annihilation* means, with the Buddhistical philosophy, only a dispersion of matter, in whatever form or *semblance* of form it may be; for everything that bears a shape was created, and thus must sooner or later perish, i. e., change that shape; therefore, as something temporary, though seeming to be permanent, it is but an illusion, *Mâyâ*; for, as eternity has neither beginning nor end, the more or less prolonged duration of any particular form passes, as it were, like an instantaneous flash of lightning. Before we have the time to realize that we have seen it, it has gone and passed away for ever; hence, even our astral bodies, pure ether, are but illusions of matter, so long as they retain their terrestrial outline. The latter changes, says the Buddhist, according to the merits or demerits of the person during his lifetime, and this is metempsychosis. When the spiritual *entity* breaks loose for ever from every particle of matter, then only it enters upon the eternal and unchangeable Nirvâna. He exists in spirit, in *no-thing*; as a form, a shape, a semblance, he is completely *annihilated*, and thus will die no more, for spirit alone is no *Mâyâ*, but the only REALITY in an illusionary universe of ever-passing forms.

It is upon this Buddhist doctrine that the Pythagoreans grounded the principal tenets of their philosophy. "Can that spirit, which gives life and motion, and partakes of the nature of light, be reduced to non-entity?" they ask. "Can that sensitive spirit in brutes which exercises memory, one of the rational faculties, die, and become nothing?" And Whitelock Bulstrode,^{590a} in his able defence of Pythagoras, expounds this doctrine by adding: "If you say they [the brutes] breathe their spirits into the air, and there vanish, that is all I contend for. The air, indeed, is the proper place to receive them, being, according to Laertius, full of souls; and, according to Epicurus, full of atoms, the principles of all things; for even this place wherein we walk and birds fly has so much of a spiritual nature, that it is invisible, and, therefore, may well be the receiver of forms, since the forms of all bodies are so; we can only see and hear its effects; the air itself is too fine, and above the capacity of the age. What then is the ether in the region above, and what are the influences or forms that descend from thence?" The Pythagoreans hold that the *spirits* of creatures, which are of the most sublimated portions of ether, are emanations, BREATHS, *but not forms*. That ether is incorruptible, all philosophers are agreed; and what is incorruptible *is so far from being annihilated* when it gets rid of the *form*, that it lays a good claim to IMMORTALITY. "But what is that which has no body, no form; which is imponderable, invisible and indivisible; that which exists and yet *is not*?" ask the Buddhists. "It is Nirvâna," is the answer.

590a. *A Discourse on Natural Philosophy.*

It is NO-THING, not a region, but rather a state. When once Nirvāna is reached, man is exempt from the effects of the 'four truths'; for an effect can only be produced through a certain cause, and every cause is *annihilated* in this state.

These 'four truths' are the foundation of the whole Buddhist doctrine of Nirvāna. They are, says the book of *Prajñā Pāramitā*,⁵⁹¹ 1. The existence of pain. 2. The production of pain. 3. The annihilation of pain. 4. The way to the annihilation of pain. What is the source of pain? — Existence. Birth occurring, decrepitude and death ensue; for wherever there is a form, there is a *cause* for pain and suffering. *Spirit* alone has no form, and therefore *cannot be said to exist*. Whenever man (the ethereal, inner man) reaches that point when he becomes utterly spiritual, hence, formless, he has reached a state of perfect bliss. MAN as an objective being becomes annihilated, but the spiritual entity with its subjective life will live for ever, for spirit is incorruptible and immortal.

It is by the spirit of the teachings of both Buddha and Pythagoras that we can so easily recognise the identity of their doctrines. The all-pervading, universal soul, the *Anima Mundi*, is Nirvāna; and Buddha, as a generic name, is the anthropomorphized *monad* of Pythagoras. When resting in Nirvāna, the final bliss, Buddha is the silent monad, dwelling in darkness and silence; he is also the formless Brahma, the sublime but *unknowable* Deity, which pervades invisibly the whole universe. Whenever it is manifested, desiring to impress itself upon humanity in a shape intelligible to our intellect, whether we call it an *avatāra*, or a King Messiah, or a *permutation* of Divine Spirit, *Logos*, *Christos*, it is all one and the same thing. In all cases it is 'the Father,' who is in the *Son*, and the *Son* in 'the Father.' The immortal spirit overshadows the mortal man. It enters into him, and pervading his whole being, makes of him a god, who descends into his earthly tabernacle. Every man may become a Buddha, says the doctrine. And so throughout the interminable series of ages we find now and then men who more or less succeed in *uniting* themselves 'with God,' as the expression goes — with their *own spirit*, as we ought to translate. The Buddhists call such men *Arhats*. An Arhat is next to a Buddha, and none is equal to him either in *infused* science or *miraculous* powers. Certain fakirs fully demonstrate the theory in their practice, as Jacolliot has proved.

Even the so-called *fabulous* narratives of certain Buddhistical books, when stripped of their allegorical meaning, are found to be the secret doctrines taught by Pythagoras. In the *Pāli* Books called the *Jātakas*, the 550 incarnations or metempsychoses of Buddha are given. They

591. 'Perfection of Wisdom.'

narrate how he has appeared in every form of animal life, and animated every sentient being on earth, from infinitesimal insect to the bird, the beast, and finally man, the microcosmic image of God on earth. Must this be taken *literally*? is it intended as a description of the *actual* transformations and existence of one and the same individual immortal, divine spirit, which by turns has animated every kind of sentient being? Ought we not rather to understand, with Buddhist metaphysicians, that though the individual human spirits are numberless, collectively they are one? — as every drop of water drawn out of the ocean, metaphorically speaking, may have an individual existence and still be one with the rest of the drops that form the ocean; for each human spirit is a scintilla of the one all-pervading light. Should we not see that this divine spirit animates the flower, the particle of granite on the mountain side, the lion, the man? Egyptian Hierophants, like the Brāhmanas, and the Buddhists of the East, and some Greek philosophers, maintained originally that the same spirit that animates the particle of dust, lurking latent in it, animates man, manifesting itself in him in its highest state of activity. The doctrine, also, of a gradual reabsorption of the human *soul* by the essence of the primeval parent spirit, was universal at one time. But this doctrine never implied annihilation of the higher spiritual *ego* — only the dispersion of the *external forms* of man, after his terrestrial death, as well as during his abode on earth. Who was better fitted to impart to us the mysteries of after-death, so erroneously thought impenetrable, than those men who, having through self-discipline and purity of life and purpose succeeded in uniting themselves with their 'God,' were afforded *some* glimpses, however imperfect, of the great truth? ⁵⁹² And these seers tell us strange stories about the *variety* of forms assumed by disembodied astral souls; forms of which each one is a spiritual though concrete reflexion of the abstract state of the mind and thoughts of the once living man.

To accuse Buddhistical philosophy of rejecting a Supreme Being — God — and the soul's immortality, of atheism in short, on the ground that according to its doctrines Nirvāna means *annihilation*, and *Svabhavat* is *NOT a person, but nothing*, is simply absurd. The Ain (or Aytñ) of the Jewish Ain-Soph, also means *nihil* or *nothing*, that which is not (*quo ad nos*); but no one has ever ventured to twit the Jews with atheism. In both cases the real meaning of the term *nothing* carries with it the idea that God is *not a thing*, not a concrete or visible Being to which a name expressive of any object known to us on earth could be applied with propriety.

592. Porphyry gives the credit to Plotinus his master, of having been united with 'God' four times during his life, and complains of having himself attained to this union but twice.