

28 1905

HIGHER SCIENCE



of the
MOTION of MATTER
A MAGAZINE DEVOTED TO
SCIENCE, TRUTH, INVESTIGATION
© MATTERS OF GENERAL INTEREST

JUNE, 1904

FRANKLIN H. HEALD
EDITOR AND PROPRIETOR
LOS ANGELES, CAL.

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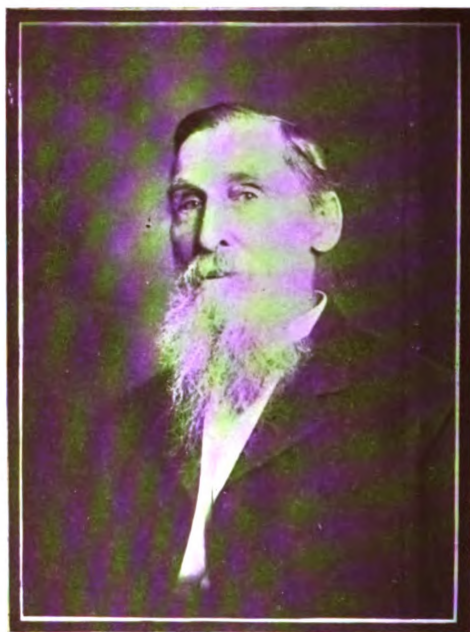
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DR. B. A. WRIGHT

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No. 6

HOW THE EARTH WAS MADE

BY FRANKLIN H. HEALD.*

IN an able article in *The Truth Seeker* of April 4, your correspondent, Leon Lewis, says:

"The earth was not the earth in any present sense when it came into being. It was a ball of glowing gas, thousands of times hotter than molten steel, and millions of miles in diameter."

This is, of course, the idea conveyed by the nebular hypothesis, but I believe I can convince Mr. Lewis, or any other thinking person who is not too old and "set" in his ideas, that the earth was originally formed at the outer edge of the present solar system; not by glowing hot gas, but by the condensed crystals of the gas of expanded matter which the sun is always throwing off by heat and which fills the solar system. We must recognize the fact that matter has three forms, solid, liquid and gaseous, and two motions, expansion and contraction. When solid matter is expanded into gas by heat, it occupies thousands of times more space than when solid (depending upon the specific gravity or weight before expanded), therefore when the matter of the sun is expanded at the sun by its tremendous heat, its weight is thus raised to the great height of Neptune's orbit (every direction from the sun is up) by expansion, as it must have room to expand. At or beyond the orbit of Neptune the cold is so intense that this colorless gas of expanded matter condenses or crystalizes again into solid matter of exceedingly fine dust, and gradually gathers into larger and larger bunches, until a new world is formed, which gradually falls back to the sun in a spiral and continually decreasing orbit; decreasing the diameter of its orbit in the same inverse ratio with which it increases its speed, obeying the law of falling bodies, minus the check

*From *Truth Seeker*, 28 Lafayette Place, N. Y., May 2, '03.

which it receives from its continually increasing centrifugal force. If anyone will take the pains to figure this law out, they will find the planets from Neptune to the sun occupying the exact position required by the law.

There are a number of proofs of this, one of them being that fine dust is often found upon the snows of very high mountains, which is so fine that it cannot fall through the atmosphere of the lower altitudes (see "Microscopic dust," Century Dictionary). Its individual particles are so infinitesimally small that the most powerful microscope will scarcely separate them, and they could not be seen at all were it not for the fact that they accumulate upon the snows. Many philosophers and physicists have attributed their origin to the eruption of volcanic dust, but when we come to investigate volcanic dust, or any mechanical process of grinding any matter into dust, we find the startling fact that the very finest grinding process known leaves the atoms of dust millions of times larger than the atoms of dust crystalized from gas. Therefore it is absolutely impossible to form these crystals in any other way than by dissolving matter into gas by heat, and then contracting it again into crystals by intense cold. This, then, must satisfy us that they have not a natural origin on earth. Another evidence that gas is condensed into crystals far beyond the orbit of Neptune is the fact that there is known to be a "Zone of Nebula," which is not dissolvable into separate stars by the most powerful telescope, at right angles with the Galaxy or "Milky Way." These Nebulæ do not give a spectra, as do bodies which shine by their own light (Lockyer's Astronomy, note 487). For the reason that these clouds or Nebula are visible in space by reflected light is sufficient proof that they are clouds of crystals. Great (?) scientific societies and political scientists and astronomers have heretofore seen fit to designate them as red-hot gas, which, of course, is an impossibility in Nature. In the first place, gas is colorless and invisible; in the second place, there is no reason or possibility for it to be heated in far-away space; in the third place, if it were ever so red-hot, and such a condition possible, it would become instantly cooled because of its great expansion; and, lastly, if it really was red-hot, it would shine by its own light, and therefore give a spectrum, a thing which it does not do. When the gas of expanded matter condenses into shining crystals in this immensely cold region, they are not heated, and cannot be heated until they have gathered

into a body large enough so that the revolution on its axis creates a friction of grinding, as we find them from Neptune to Jupiter, each larger in bulk, but no heavier, and more heated, until melted to a molten sphere, when the larger bulk is radiated again into gas and they become second-class planets in size, and cool gradually form a crust, and evolve life. The zone of nebula, or clouds of crystals, which are at right angles to the Milky Way, are on the plane of the sun's equator, or the ecliptic of the solar system. Upon this same plane, which is the plane of most active motion (the sun moving at its equator at the rate of 4,000 miles per hour, and its poles motionless), are all the planets, satellites, zodiacal lights, asteroids, and other matter which cannot be seen, with the exception of comets, which are smaller bodies formed too far from the active plane to be caught as part of the newly forming planet or as its satellites. Scientists have lately proved and measured an outward pressure from the sun, which they wrongfully term "the pressure of light." This pressure is the outward, or upward, expansion of heat, expanded matter, or gas which is being continually forced farther up by more solid matter expanding into gas below. When this leaves the sun's surface, we must admit that it leaves it at the equator, which is its active part, and travels from west to east around the sun in a continually increasing orbit, and when it finally reaches the orbit beyond Neptune, where the most of it condenses into crystals, it is still traveling around the sun from west to east, each atom in an orbit of its own, and has not and cannot lose any motion which it had while a part of the sun. In fact, the solar system is all and always a part of the sun, no matter whether as atoms of gas it is being raised by the expansion of heat, or as solid matter it is falling back and returning the same heat which it cost the sun to raise it. There is absolute proof in plenty that solid matter is continually falling into the sun, which, being 146 times hotter than the Drummond light, suddenly changing it into gas of thousands of times greater bulk, causes such tremendous explosions as to tear great deep holes in the body of the sun and send its fiery flames and molten liquid fire tens of thousands of miles in height. At the instant that light reaches the earth from these explosions, delicate magnets and magnetic needles, which are suspended for the purpose, move and vibrate to the exact extent of the amount of additional gas added at the sun. Pens attached keep a record in ink, whether we are awake or

asleep, and scientists will soon recognize the truth that this is a true record of the amount of returning matter falling back to the sun. I cannot in a short article bring all the proofs of these statements, or show you how and why the planets explode after they pass the present orbit of Mercury (which travels two and a half millions of miles per day, and has long since turned its magnetic pole to the sun, as our moon has turned to the earth), and gradually fall into the sun, but I will be glad to, and can, reasonably and simply, explain any situation known to exist in the solar system or universe by the theory of a procession of planets, which is based upon the very simple fact that all motion and phenomena are caused by the expanding and contracting of matter by heat and cold, and that there is no motion, condition or form taken by matter produced any other way.

THE FORCE OF PAIN

IN the August, 1902, number of this magazine I called attention to the probable connection between the pain of hunger and the motion of the jaws, or eating (page 7). After experimenting, investigating, and comparing the data of well known facts, for more than a year longer, I am now convinced that the act of chewing or eating is a kind of convulsion of the jaws, forced by pain. When hungry, we are in pain, and the pain is more and more as we lose heat from lack of food or fuel. I first had this fact brought to my attention a few years ago on the Mojave desert, when a friend offered to bet \$5.00 that our camp cat was a match-eater. Sure enough, when he took her on his lap and held a match in front of her mouth, she became interested, smelled it, and finally seized it, chew and swallowed it with apparent relish. But there was a cause which I did not see; he was secretly pinching the tip of her tail with his other hand, and this pain was the entire cause of her apparently strange appetite. She would have eaten a cigar stub or any other substance, with as much haste or apparent relish. This is an experiment anyone may try, but be careful to keep your fingers out of reach. This fact, and the fact that the caterpillar crawls up the tree, trying to eat everything he passes, until he finds the soft bud, is enough to cause us to investigate. We find that great pain and convulsions first show in the working of the jaws, and that it often results in lockjaw. It is the great pain which causes the mad dog to run and bite

everything he meets. It is a convulsion of the nervous system caused by the contracting that will result in death or stopping of the motions of life, if not relieved by heat. This is the basis of the psychic sense which we are supposed to be developing, but which we are in reality loosing, to make room for reason. The worm has very little feeling except that consciousness received by feeling or measuring the relative degrees of heat which drive him into the light and back to the shade. Possibly some may have a dim sense of sight, but their principal consciousness is caused from pleasure and pain of expansion and contraction forced by different degrees of heat.

IT REQUIRES BRAINS

“IN your issue of April 3 I find an editorial headed ‘Latest Dictum of Science’ that demands an elucidation from a standpoint that throws the searchlight of truth upon this mooted question of life. In dealing with this subject it becomes necessary, in the first place, to understand what is meant by the term of life. I hold that life is not an entity, but a manifestation, a mode of motion, an effect. Life throughout all nature is the result of soul entity manifesting in and through matter. With this understanding, we cannot say that life is generated by a chemical process. * * * * Franklin H. Heald deals with this question without first knowing the differentiation between consciousness, mind and thought. Of course, he can have no definite idea of what the human soul is, nor any of its attributes or functions. His scientific ‘processional theory’ had no better foundation than assumptive sand. He may reason back and forth from mind to matter and from matter to mind, and still be in the darkness of ignorance, as long as he has not a true conception of the constituent parts and the primary factors of the triune combination we call man. The statement ‘that consciousness is generated by what we eat and drink’ is unmistakable evidence of unparalleled ignorance of psychological laws pertaining to the invisible realm of the human being.”—*Kansas City World*.

This fellow should join the W. C. T. U. at once; he would find just the kind of science he is looking for, with a “soul entity” hanging to it. According to his understanding, a plant has a soul, which goes around thru the air, living after the plant is dead. Of course, no one “can have a definite idea of what the human soul is, or any of its attributes or functions,” for the very good reason that there is no such a thing, and so it can have no attributes or functions outside of the ignorant faith of the superstitions of men like this, women and negroes. The processional theory is so simple and true that he probably would not understand it, if he read it. If he will call around with his “soul entity,” and show that there is any motion, force or phenomena of nature not made by the contracting or expanding of matter by heat and cold, he can

easily secure the \$1,000.00 which this magazine offers for any such outside godly motions. They are precisely what we are hunting for, so do not hesitate for fear of robbing us. Science can furnish the proof that there is no god, and can be no god, but it cannot furnish such people with brains to understand the proof, and they must remain slaves of superstition.

TEMPERATURE ON MARS

THE use of radium in signaling possible inhabitants of the planet Mars has no absorbing interest for Prof. Jermain G. Porter, astronomer at Cincinnati University Observatory on Mt. Lookout. The latter is one of those scientists who does not believe people reside on Mars. He says the temperature of Mars is at least 150 above zero in the shade, and he does not believe human beings could stand a climate so near the sun. Prof. Porter calls those scientists cranks who claim they have been trying to signal from the earth to Mars. He says the theory that there are snow-capped mountains on this neighboring planet has few supporters, and that the apparent whiteness in the vision of the great telescopes is not snow.—*Cincinnati Post*.

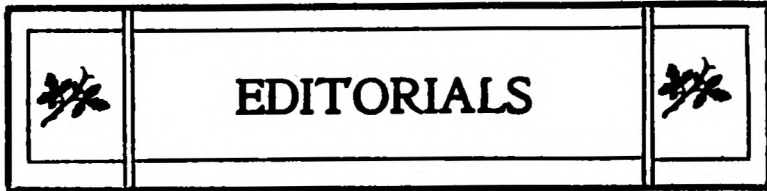
The above good sense sustains the theory of a procession of planets, inasmuch as the heat must come from the interior of Mars, the light from the sun being but about one-fifth as great as at the earth.

DR. B. A. WRIGHT

DR. B. A. WRIGHT, whose portrait is our frontispiece this month, died very suddenly at his home in this city May 17th. He was born at Keesville, N. Y., Feb. 27, 1823. Dr. Wright was a leading Freethinker most of his life, and universally loved and respected by those who knew him and were able to appreciate true worth. He was a very able physician, and was many years superintendent of the State Insane Asylum near Toledo, Ohio. He was unusually successful in curing hopeless cases, which he did by "building consciousness," by the food he gave, and by the proper suggestions with which he surrounded them. Dr. and Mrs. Wright were charter members of our Los Angeles Liberal Club, taking active parts. The remains were laid at rest in the Rosedale Cemetery, attended by scores of his sorrowing friends. The members of the Liberal Club filled a private funeral car, and several members paid a last tribute to his great life work and grand and noble character.

Opinion hurts not truth, though it run riot;
It's error always begs and prays for quiet.

P. J. Dailey in Freethot Rev.



Liberals and Freethinkers do not want to "hero-worship" Thomas Payne or Robert Ingersoll, but they propose to celebrate their birthdays until the foul-mouthed and lying paupers who represent the most vicious and vile god ever invented quit lying about those two grand men.

We have a valuable communication from E. Lewis, of North Pasadena, which has been crowded out month after month for lack of room. Times seem to be getting harder, and we have lost at least two-thirds of our subscribers who were marked with red stars. However, we hope finally to have more room.

If it is made possible to hang the portrait of the great Thomas Paine at the St. Louis fair, let us join hands at Los Angeles and try and have the portrait used which our own Freethot artist, Sturgis, has painted of him. It is probably the best in the world, and it is said Mr. Sturgis will loan it for that purpose.

There are millions of acres of public land for those who have life enough to get out of the smoke of the cities, and work. Every head of a family can have 160 acres, which is 16 times more than is needed to support any family. There is nothing that a family must have which they cannot raise or make from 160, or even 10 acres of land.

If you would like a few of Mr. Frank Morse's address to ministers for missionary purposes, send him a few cents for postage, or a few dollars if you are wealthy, to Port Angelus, Wash. HIGHER SCIENCE is using 1,000 on the "charity-fed" who are camping here with our women, children and darkies, trying to whitewash and scrape some of the filth off of the character ourdearheavenlyfather.

Spoil the rod and spare the child, is a sample of the blasphemous and indecent religion of HIGHER SCIENCE magazine and most of its readers. It is 5,000 years in advance of the

inhuman treatment ordered by god, thru his wise man Solomon, the owner and proprietor of thousands of wives and concubines, whose mother was the murdered Ureah's wife, and whose father was the drunken David, "a man after god's own heart."

It is the name of a neat little New Thot Magazine published at San Antonio, Tex., by G. Ralph Weston, M. D., at \$1.00 per year. The editor says it is true that "in the beginning was the word, and the word was with god, and the word was god," and he don't care whether we believe it or not, but it is the same today as it was then. We heartily agree with him that it is all a matter of words, and that words are a vibration of air, which, when worked too hard, makes wind.

Hon. Abbott Kinney, of this city, and editor of *Saturday Post*, deserves great credit for his noble fight against the ring of thieves who have ruined the fruit-growing interests of Southern California. All citizens, and especially fruit growers, should assist him, both with moral support and money. It is not often that a man of wealth takes up the cause of the wronged, and when one does so, the robbed and wronged usually show their stupidity by ignoring their benefactor.

Bro. Davis, of the *Religio-Humanitarian*, sets up a great howl and whine because, forsooth, some people "gibe and ridicule" the filthy and murdering gods and saviors of religion, and points with pride at his own method of putting taffy thereon. In the same number, however, he inconsistently "jumps upon" poor Elizabeth Town's new *I Am It* book, and barks at it, and guys, gibes and ridicules its methods, which are not very much worse than his Religio-humanitarian reviewism.

Buddhism or Christianity? is a 61-page booklet by C. W. G. Withee, of St. Paul, which we have just received. Of course, HIGHER SCIENCE would say neither, but at the same time we would ask all narrow, hide-bound christians, who never heard of Buddhism (altho most of their own bible, and all the parts that teach morality, are stolen from it), to be sure and read it. Members of the Liberal Club will remember the splendid lecture delivered before the club by Mr. Withee, some time in January last.

The editor of HIGHER SCIENCE does not deny that he is

better than god or his saints, wise men, virgins, men after his own heart, calf-shed saviors or charity-fed agents. He never murdered 8,000,000 babies in a single night; he never saved only the maidens alive to throw to the brutal soldiers, who "should be not only willing, but anxious to fight," i. e., anxious to kill their fellow human beings, for the small sum of \$13.00 per month, to please the politicians and trusts, in whose interests they are blindly killing anti-trust people.

What Is a Materialist? is a little leaflet by Eliza Mowry Bliven, of Brooklyn, Conn. It shows the fallacy of believing there is anything outside of material and its motions. Read it, and don't ever imagine again that there are not some women who reason. Send ten cents and get twenty of them for missionary work. It is refreshing to find women at work in the noble cause of science and against the old curse, christianity. Bless them, they will yet lead the children out of the curse and fear of god and hell.

American Socialism is the title of a 150 pp. book by O. D. Jones, of Edina, Mo. It makes no difference whether you are a socialist or not, you can gain valuable information by reading this 25c. book. Amongst other things, he recommends the abolishing of the office of President. That is certainly a good suggestion. It would save us one year out of four, or add one-fourth to our short lives, besides taking the absolute monarchy power, of appointing hundreds of thousands of officers, out of the hands of one man, who may possibly be a fool, as we are aware.

Every Liberal who reads this item should assist James B. Elliott, of 3515 Wallace street, Philadelphia, in his fight for space for Paine's picture upon the walls of the Pennsylvania building at the St. Louis fair, by the side of Washington, Franklin, Jefferson and other patriots. Thru Paine's advice Jefferson acquired for the United States property worth millions of times more to us than the Philippines; and without the loss of a single young life. Send stamp for a blank petition, and see that it is signed by everyone in your neighborhood, including Paine Methodists.

In putting to flight the "daughters of Christian parents," who occupied the red light district, the fanatics have scattered them thru the formerly respectable residence portions of the city, until every decent landlady, bathhouse keeper, man-

icure, hairdresser and other person in business is under suspicion, police surveillance, and watched by detectives, who are liable to rush in and shoot these innocent citizens to death any time of day or night. It will become a necessity to get these christian daughters together again in order to protect our mothers, wives and daughters from suspicion and insult.

Of all the impractical people in the world, save us from the idiotic stupidity of the long-haired man and the short-haired woman. They have, by advancing the price of liquor, brought the saloon into existence and filled the land with poverty, tears and death. Must the government, the state and the municipality continue partnership with this iniquity, by receiving a portion of the blood money for which we sell our boys and girls, because the idiocy, faith and filth of ignorant christianity wants to force its miserable methods down our throats with a firebrand? Let the preacher return to his vomit, and the W. C. T. U. to her wallow, so that intelligent men and women can undo their criminal interference.

A sheet calling itself *Revelations*, published at Fairmont, W. Va., takes great offense at such people as the editors of the *Philistine* and HIGHER SCIENCE. In the March number he gives this magazine and our old friend A. G. Descent, of Superior, Wis., a whole page of free advertisement, and in the April number he gave friend Hubbard, of the *Philistine*, about the same space. The objection to it as an advertisement is that such people as would read it are not the kind that either HIGHER SCIENCE or *Philistine* would solicit as subscribers. If this *Revelation* will refer to the First National Bank, Superior, Wis., he will find that Mr. A. G. Descent has dollars enough left to buy the editor of *Revelations*, black him, and sell him for a darkey.

J. W. Cooper, of Rosedale, Kan., encloses \$1.00 for subscription, and says:

* * * I received the *Procession of Planets*. Many thanks. The theory is entirely new to me, but I like it. It is an interesting study and only requires that your deductions be verified, to be accepted as a scientific fact. * * * It does not conflict with my idea of attraction, being the first mode of motion (see Feb. No. 1904, pp. 20). Attraction causes motion, motion causes heat and heat expands and forces it up again from its center, and there you have the procession of planets fully established. * * *



When you and I behind the veil are past,
 Oh, but the long, long while the world shall last,
 Which of our coming and departure heeds
 As the sea's self should heed a pebble cast.

—Omar Khayyam.

The Prohibition Party is a unit on at least one great question, while neither of the old parties is a unit on any question, great or small.—*California Voice (Prohibition)*.

To be sure, it is impossible for a party with more than one member to be a unit, or to think alike. Prohibition is an impossibility, and to attempt it is a crime. The only way to encourage temperance in the use of liquor is to make it free (as Christ is reported to have done). When whisky was 10c. a gallon there was not one drunkard where there are now 2,000. They did not treat each other in those days, and a drunkard was only a contemptible glutton, who did not provide for the morrow, hated his people, and his own life also, had no home, slept on the ground in the daytime, and stole what he could eat at night.

What is known as the Glacial Age is almost a positive proof of the correctness of Mr. Heald's theory of a Procession of the Planets. That period cannot be accounted for satisfactorily on any other hypothesis. How could there have been or why should there have been a glacial period if the earth has always moved in its present orbit and was never any further from the Sun than it is now. The fact that there was a glacial age is therefore conclusive of the fact that the earth was once much further from the sun than it is now.—*J. Cal Watkins in Occasional One*.

Geo. Bullock, an attorney of Pine Bluff, Mo., who sent for the Procession of Planets a few weeks ago, writes a long and interesting letter, from which we clip:

* * * * Have just been reading the theory with absorbing interest, and inclose herewith my order for the coming edition. I also inclose New York exchange to your order for \$1.00, subscription price of *Higher Science* for one year. I would be glad to have you place my name on your list for any other work you get out. * * *

In speaking of psychometry and what it is, *Now Magazine* for May says, amongst other things:

* * * It deals with the Soul-life, with the Spiritual life. It therefore includes all that it is possible for Man

as a Spiritual Being to know, while manifesting as a physical being. There can be no limit predicated of such knowledge. Therefore the scope of Psychometry is limitless. There are neither time nor space limitations, neither are there limitations of growth and expression, in any line of Human unfoldment. We are dealing with the art of Soul-measuring, and the lines along which we measure are endless. * * *

If that is what it deals with, of course it is nothing.

Mr. L. T. Tebbe, of Morganville, Kan., in subscribing for a friend, third edition of *Procession of Planets* and two copies of *Crimes of Preachers*, says:

* * * * I am well pleased with *Higher Science*. It is the right thing to go along with the more radical free-thot publications. * * * *

G. W. Hail, dealer in vehicles and farm implements in Hico, Texas, says in a letter of May 11:

* * * * I thank you for the samples of your noble *Higher Science*, which produces new and higher life and light; teaching a higher and nobler plain of civilization. The *Procession Theory* certainly teaches the true motions and process of matter. * * * * Inclosed \$1 will pay for H. S. for 1 year. * * * *

Who is degraded in the home—
The church, the court, the council -room?
And sent to hell—her final doom?
The Christian woman.

—*Harriet M. Close, in Liberal Rev.*

Writing to claim our \$1,000 for a motion not made by expanding or contracting of matter, E. Stanton, of New Sharon, Ia., says:

* * * * Now if I can elevate water 40 feet by using a suction valve, am I not rightly entitled to it (the \$1,000)? * * * *

He must use force to make a vacuum, and the force, be it muscular, wind, steam, gas, electricity or any other force, must be made by expanding or contracting by either heating or cooling. The vacuum (or weight of air) would then (by contraction) raise water 32 feet at sea-level, or about 30 feet at New Sharon.

C. H. Hall has a long continued article in the *St. Andrews Buoy*, treating of the birth, life and death of worlds according to the theory of a procession of planets. It begins in No. 46, February 4. Showing how the great heat of the sun sends matter up beyond Neptune by the force of expansion, he follows it in its falling orbit back to the sun, near which it is scattered again into fragments, and, gradually falling into the

sun, returns the heat that it cost to originally send its weight beyond the orbit of Neptune. It is very interesting and instructive. If we had the room we would certainly reproduce it. At the end of the article the able editor of the *Buoy* says:

"The skeptic who has read the foregoing magnificent sketch, and is inclined to charge the writer with being wild and visionary and drawing upon imagination, is respectfully reminded that, less than three hundred years ago, the man who discovered that the earth was round was burned at the stake for teaching a false doctrine, and died proclaiming the great truth while the seething flames were lapping around his tortured body. The sketch is published by the *Buoy* at the risk of being again condemned by the wise and intelligent board of public instruction as immoral and "unfit to be recognized as a suitable publication to be placed in the hands of our boys and girls."

Higher Science of the Motion of Matter is an active monthly devoted to investigation of all matters of general interest. Franklin H. Heald (218 Stimson Block, Los Angeles, Cal.) is its editor and proprietor. Its cover carries a very effective design illustrating the motion of matter.—*Boston Ideas*.

Our friend, C. H. Hall, of Courtland, Kan., says in a recent letter, amongst other good things:

* * * Am sorry to hear you are liable to get into trouble with the Postoffice Department for telling the truth in your priceless H. S. magazine. * * * HIGHER SCIENCE is my Bible, in proof of which I refer you to the inclosed rag dollar, which does not trust in god. I want to continue taking it as long as I have sense enough to read. * * *

* * * We think that it is a mean and wicked law that compels unbelievers to LOSE one day in seven. But we believe in observing the laws of our State and country; therefore it is our intention to grin and endure it until a wiser and more righteous generation rises up and repeals it, which will soon be done.—*Arkansas Traveler*.

Well, brother, keep after the ignorant bigots, who have no more sense or charity than to force you to observe their senseless ogeries until "Arkansaw" is civilized and free.

If God shows you a need He will show you a way to meet it.—*Rams Horn*.

God never showed anybody, except Moses, anything, and that is too indecent to publish or illustrate in HIGHER SCIENCE, and send thru the mail, even under the management of the present suspected administration. All we can do is to advise you to have a "holy" bible sent to you by mail and read Exodu, Chap. XXXIII, v. 20, 21, 22 and 23.

John Campbell, of Dysart, Ia., (where the editor once spent a summer with Tom Walker), says in part:

* * * You say you have been informed that I am a Freethinker. Well, I don't know where you obtained your information, but it is very

nearly correct. I am an infidel; yea, an Atheist, with capital A, if I understand the meaning of the word. There may be an intelligent power controlling the universe, but I don't believe it. I think everything comes from natural causes; that we must take care of ourselves, as there is no God. * * *

Alfred J. Franklin, of Philadelphia, Pa., writes for the Procession of Planets, and says:

* * * * Please send your Procession of Planets to address below. I think your magazine on HIGHER SCIENCE is one of the most interesting works I have ever read and I have a desire to read your procession theory and becoming a regular subscriber to all your works. * * * *

A. A. Snow, of Lineville, Ia., who is one of our subscribers, a thinker and student of the new procession theory, calls the editor's attention to the fact that the tail of a comet must be something like a light-shadow cast from the nucleus. He is no doubt nearly right in the matter. He says:

* * * * Why is it always on the opposite side of the sun from the head of the comet? As it sweeps around the sun at perihelion the farthest end of the tail must gain many million miles, since the arc of a great circle is greater for the same number of degrees than that of a small one. * * * *

In an article on comets next month we will illustrate his point.

A magazine called *Purity and Christian Life* is on our table. It seems to represent the National Purity (?) Association, but we cannot understand how any person with a spoonful of brains can associate purity and christianity. Certainly they cannot have read I Cor., chap. VII, 36 v. (new version), which is the teaching of that vile tramp, who had no legitimate father, Jesus Christ. One of the Association principles says, in direct contrast to the whole life, teaching and example of the said Christ:

"The true home is the most vital factor in the elevation of mankind and the prosperity and greatness of a nation, therefore, the purity and enlightenment of the home, through its individual members, transcends every other movement in importance and magnitude."

Jesus Christ, on the contrary, says that he came into the world to destroy the family, i. e., to divide it against itself, and he put in the time of his worthless, idle and criminal life, tramping from place to place, stealing what he could find in the night, begging from poor, silly women, and was finally hung with thieves, as he richly deserved, according to christian history. The only home he ever had was the calf-shed where he was born. The filthy and vile surroundings and environments seem to have clung to him and his followers and dupes ever since. We wish the Association success in purity,

but we advise them to first drop all Jesus Christ nastiness.

In a long letter to the *Blue Grass Blade*, Geo. J. Wheeler, of Logan, Utah, says:

* * * * It is too bad how these charity-fed, whisky soaked, lazy, crazy, long-haired thieves will jump onto a dead hero, though, when Ingersoll was alive there was not one of the curs that would dare to open his face in Ingersoll's hearing. It makes me hot to hear one of these Bible-backed villians say anything about Paine or Ingersoll.

O, man will you still be fooled with holy nonsense, from that book called the Holy Bible filled with all sorts of lies? Let us wipe it off the earth and put in its place HIGHER SCIENCE.—*Blue Grass Blade and Pink Iconoclast.*

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