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HIGHER SCIENCE



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

DECEMBER 1904

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

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HIGHER SCIENCE

OF THE MOTION OF MATTER

ISSUED MONTHLY AT IVANHOE STATION

FRANKLIN M. HEALD, Editor and Proprietor

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Vol. IV.

LOS ANGELES, CAL.

No. 12

MOTION OF PLANETS

Some of my readers of the Theory of a Procession of Planets, and subscribers to HIGHER SCIENCE, have asked, why and how a new world gathering in the region of crystals, or the zone of nebulae beyond Neptune, which surrounds the elliptic of the solar system, receives its motions. I will first refer you back to Sep. No., 1903. The motion of an orbit must undoubtedly come from the motions of the atoms which are attracted to form the new world. Each atom must be traveling away from the sun in an orbit, as I have often shown you, because they were pushed away from the sun, and retained the motion of the sun, at the zone where they left it. Most of them would leave the sun at its equator, where it revolves at the rate of 4,000 miles per hour, and therefore have that motion. The equator of the sun is also receiving the largest amount of returning matter, and is therefore hotter than the zones towards the poles, as the spots and activity prove, and as is proved by the spots nearest the equator revolving in less time, notwithstanding they have farther to travel. Having that motion when they leave the sun, it is then plain to our reason that they must keep it, and the orbit motion is easily accounted for. If they had no orbit motion when crystallized, they would simply drop straight down to the sun, instead of going around it in an orbit. This is illustrated by the action of comets, which are collections of matter which left the sun at points nearer the poles of the sun and have so much less motion of an orbit that they fall much nearer straight back and gain such enormous speed that they pass around the sun and are thrown away or up, like a ball. As they pass the sun at Perihelion and start back up, they immediately begin to loose speed at about the same rate as they gained speed in falling. However, they never go quite as high as the point they started from, as is proved by every succeeding return being in less time. In the case of Enkes' comet, the time is about three hours less in

each return. I have always believed, without minute calculation or especial analysis, that each atom of the radiated and invisible gas took a revolving motion from the revolving motion of the sun, at the point where it left the sun. This has, however, been questioned by a number of my students, notably by O. D. Jones, of Edina, Mo., and Geo. O. Roberts, of Dennison, Ohio, whose articles, which require illustrating to do them justice, I have been hoping to publish as soon as I can make a little spare money. The revolution of an atom, may, however, be due to the heat generated by the change of crystalizing, when it crystalizes from the atom of gas to the atom of dust beyond Neptune. Chemical action creates heat, which is of itself motion. When water becomes cold enough to make ice, the very act of crystalizing makes heat enough to expand it, so as to burst almost any vessel in which it is confined. In fact, if it has not room to expand and cannot burst the vessel, it cannot change into ice. I once undertook to make ice by pressure, but found that the very pressure required to drive out heat, interfered with the expansion of crystalization required to make ice of water. If it were not for this fact, I could make a small machine, with a long heavy handle, to make ice at any moment needed. If, then, the chemical change from gas back to solid matter makes heat, which we know is motion, it may give the crystalized atom its first motion, and that, when they collected to form a world, would be a collection of motion as well as of matter. It is well established that the hottest part of a heavenly body is the part which moves with the greatest velocity, as is the case with Jupiter and the sun—the only bodies in the universe in a molten state, to which we are near enough to make observations.

ELECTRICITY A MOTION OF HEAT

Your correspondent, Daniel K. Tenney, treating of the forces of the Universe, in September SEARCHLIGHT, says:—

“If any reader is aware of a demonstrated fact in science, antagonizing the conclusions herein stated, I should be pleased to hear from him in these columns.”

I therefore take pleasure in calling attention to some of his mistakes, hoping thus to help in shortening the time until we shall know the exact truth.

Judge Tenney believes that electricity is responsible for doing all the work of the solar system, but seems to forget that it first requires force to make electricity. He believes that electricity is generated by the motions of the planets through space, but fails to show why they travel through space at such enormous speed as they do, and each one faster, as we find them nearer the sun or center. The law of ratio which governs their speed and distance from the sun undoubtedly proves, that they are always approach-

ing the sun by falling and that as they fall they gain speed; but as they gain speed in their orbits, they also gain centrifugal force which retards their approach to the sun, so that we find them nearer together as we approach the sun, although they travel faster around the sun; the law of a procession of planets being that they increase their speed along the orbits in the same inverse ratio with which they decrease the diameter of their orbits.

(The following article appeared in the *Searchlight* Nov., 1904.)

This law is so simple and plain that if one is missing in the ratio, we can find it's scattered remains with a camera, as was the case with the asteroids. More than this, it is positively known that a number of comets are gradually approaching the sun, that the rings of Saturn are gradually approaching the planet, and that our own moon has actually approached the earth since the first recorded eclipses. It is also a fact that the moons of every planet not too far away to be observed, are obeying the same laws of distance and speed in relation to their own planets; that planets obey in their falling to the sun. In fact, that the theory of a procession of planets is a proven theory, and the only reason why a planet can move at all, is because it is falling in an orbit.

Speaking of electricity as the prime force in Nature, he says: "These currents, rush through the atmosphere of the respective spheres, are retarded thereby, and by the atomic matter there present, thus producing what we call sun light and heat. There is no such thing in fact. Heat and light cannot travel 93,000,000 miles from the sun, nor any other considerable distance through absolute cold and darkness and reappear again as heat and light. The speculations of scientists on that subject, although interesting, are ridiculous. Electric currents which we know are ever interchanging, retarded by the various solar and planetary atmospheres, furnish all the natural heat and light in alike manner as does the retarded current passing through the tiny coil in the incandescent electric lamp."

It is a well known fact that light, heat, electricity, sound, thought, or any other force or motion are the same, and interchangeable, and are but different rapidity of vibratory motion. Heat and light can travel through 93,000,000,000 miles of space, can be reproduced just as easily, and on the same principle, as I can talk into the receiver of a telephone at Los Angeles, and the sound vibration will be instantly reproduced in San Francisco, after traveling through five hundred miles of cold and darkness; or just as easily as Edison can see the light in Philadelphia from his little box in Washington, after it has travelled two hundred miles through cold and darkness, along a cold dark wire. We know all about an ordinary fire, and why should we look for some mysterious new kind of fire to account for the sun's light and heat? The sun is simply the central point of our solar system; every direction from it is up, and its immense heat dissolves

its solid matter into gas of thousands of times greater bulk which fills the solar system. When it reaches a point far beyond Neptune, where it is supposed to be four thousand degrees below zero, it again condense into solid crystals or dust and gradually gathers into a new world and falls back to the sun, according to the law of falling bodies, minus the check it receives from increasing centrifugal force. When it finally again falls into the sun, the collision of its fall, and its chemical disintegration, reproduces the same heat which it originally cost to expand into gas.

The most active plane of the sun is its equator, and when its great heat expands mater into gas, the most of it leaves the sun at its equator, and has the motion of four thousand miles per hour from West to East, as the sun revolves and never loses this motion in space even when crystalized in far away space. As it gathers into a world it has the same motion around the sun, and it only increases this speed as it falls. By the time it has fallen to the orbit of Neptune, it has a speed of 250,000 miles per day, and by the time it reaches the orbit of Mercury, it has a speed of 2,500,000 miles per day.

The real force then which oper ates the solarsystem and universe is the expanding and contracting of matter by relative degrees of heat. One of the forms it takes is electricity, but it is not the whole thing, and is but one of many.

GOOD PEOPLE NOT CHRISTIANS

[By F. H. HEALD]

My position on christianity seems to be misunderstood by some of my very good friends, especially amongst the gentler sex. When I sa that no christian is fit to live, I mean every word of it, and would gladly destroy them from the earth, as I would blood-sucking insects and poisonous reptiles, for the good of my fellow human beings. At the same time, there is a large difference between christians and people who think they are christians. A dear, good confiding woman, who joins church and imagines she loves Jesus and god, is simply deceived. She is no more of a christian than I am, if she would but stop to think what christianity is. In fact, christianiy is a religion of hate, and if a man hate not his brothers and sisters, children, father and mother, and yea, his own life also, he cannot be a christian. He must have the bitter hate in his heart, that would commit murder in Christ's name and cause him to lie for the glory of god. If he has this true christian spirit, it shows in his face, as we often see in the mean, drawn features of methodist preachers and deacons, who would send their own children and mothers to hell to burn forever. I know some of the sweetest and loveliest ladies in the world, who imagine they are christians, but they are mistaken. They do not believe a single word of the so-called teachings of Jesus Christ. All the morality in the bible is actually tens of thousands of years

older than the time of this "Saviour," who in reality never existed (as has been proven.) I can understand how a negro, with a skull two inches thick and the groundless fears of an animal, could be made to believe without thinking for himself; I can understand how a little boy from 4 to 7 years old can believe for a time, what his mother, in whom he has implicit confidence, tells him, and forces into him while yet in his cradle, but it certainly does give the color of idiocy or insanity to a grown woman living in the 20th century, when she absolutely refuses to read or investigate the rottenness and absurdities of the characters of god, Christ, Mary, Paul, David, Solomon, bible women and the prophets, saints and virgins, when compared with the devil, who is the only character of a gentleman mentioned in the bible. A woman who is good, is not a christian, no matter what she says. She is simply to timid to think and break away from the hypnotic spell of the priest and parson.

I once had a bright little son, who was made to believe, in his tender years, by fraud and the awful curse of christianity, that there was a Devil, and that his papa would be burned forever. When he once cautioned me about it and begged me to "take care," his poor little heart was almost breaking, but later, at the age of six, when he discovered that the Santa Claus yarn was a fraud and that I was "really and truly" Santa Clause, the great relief occurred to him, that I was probably the Devil also, and the millstone weight which was lifted from his mind made him the happiest boy I ever saw. Verily, verily, I say unto you, cursed christians, who have been the curse of my life, you vile, ignorant harpies, who tie these millstones around the necks of innocent little ones, you had better cast yourselves into hell fire now, before you ruin the lives of those who would otherwise be happy and useful citizens.

MARY AND THE GHOST

A dove and a virgin? let me not think
 Of a combination so tstrange;
 It's enough to turn one to insanity's brink,
 Or to the river, forever to sink
 The mind in oblivion's change.

Yet still the church lives and christians believe
 In this pipe-dream from insanity's brain.
 A ghost and a virgin, I cannot conceive
 How men can still in this age deceive,
 Believers must get wet in the rain

—ALBERT JOHNSON, S. F., Nov. 28th.

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Send \$1.00 and we will send HIGHER SCIENCE to four of your friends for one year. We want to spread the truth even if it costs more than it comes to. No premium with this offer, and is only for new cash subscribers within international postage rates territory. Don't wait, but take advantage of this offer the day you read it.

THE CLIFF DWELLER'S PLACE

Do not buy a home until you have seen The Cliff-Dwellers Place. Los Angeles people are only beginning to learn the value of the surrounding hills as residence quarters for those who have the means or leisure to grade and terrace and beautify a home. When a city reaches the size of a quarter million inhabitants, its grandest homes are always in the hills and heights. You always find the thoroughbreds on high ground, as surely as you find the eagle's nest on the dizzy heights of mountain crags, and the mud-hens and geese in the grass of the valley.

Come now while this new subdivision is cheap and secure the sight for a home which you will be proud of when you have terraced; walled and planted it to your fancy. Notice how the wealthy are beginning to build along the heights of the beautiful Sunset Boulevard, and then come and see the Cliff-dwellers Place.

Take the *Spring Street Garvanza Car*, and get off at Amabell Street, at the first bunch of hills after crossing the river.

There are large houses all around this place except on the hilly side; and the hills on that side have been bought by a wealthy side; and the hills on that side have been bought by a wealthy company and are being subdivided and are for sale to persons who will build residences of no less value than \$5,000. A Scenic Electric R. R. is to be built from the river to the city limits beyond Garvanza, winding in and out along the tops of this range and overlooking the city, Cliff-dwellers Place, Highland Park, Garvanza and all the beauty of the Los Angeles valley with its towns, orchards and railroads, as well as the beautiful Arroyo Seco to Pasadena, and later to the mountains.

For further particulars call on or address the owner, F. H. HEALD, Los Angeles, Cal., or inquire on the premises.

	<h2 style="margin: 0;">EDITORIALS</h2>	
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As the churches have now virtually given up the idea of Hell, there is no more use for a saviour. There is nothing to save us from. Hell was the foundation of the christian religion, and without a foundation it cannot stand.

The Jews are great lovers of home and family. The Jew home is a model of harmony and love. It is no wonder they despised and hated the vile and far smelling tramp, Jesus Christ.

In giving free advice to the editor a short time ago in regard to locomotor ataxia cure, a christian hypocrite held up his watch and said: "The man who made that, is the only man who can fix it. God made you and he is the only one who can cure you." In the first place, the watch was made by a score of machines, and in the second place, god had nothing to do with making the editor of HIGHER SCIENCE.

Self-Healing Through Suggestion is a neat little book of 60 pages, by Henry Harison Brown, of San Francisco, which is on our table for criticism. To us it seems as if he mistakes consciousness for spirit, but, however, he is a good man and means well.

Free America, by Bolton Hall, is a 200 page book on the subject of poverty and wealth. His experience is contrary to that of the editor of HIGHER SCIENCE, which is that the more wages the man gets, the less he will save for old age or a rainy day.

The Culturist, of Camden, Ohio, is the name of a new magazine to be started the beginning of the new year by Walter Hurt. It is to be an educator in philosophy, free thinking and right thinking. Mr. Hurt is a writer and poet of ability, and we predict for him and the *Culturist*, deserved success.

The Arkansaw Traveler comes out with a brand new heading; the same being an inside view of the famous cabin of song. The "Old Man" is "fiddling," with his hat on; the old lady smoking a cob pipe and meditating, while the children pull hair and yell. The old kentucky rifle, half a rod long hangs in crotches over the fire-place. It is a scene that almost starts the tears of a tender-hearted person.

As the Editor often receives letters addressed Franklin H. Heald, Pres. Pacific Mutual Investment Co., we wish to explain that he is naturally a sucker and about two years ago invested \$5,000 in the "stock" of that fraudulent concern. But when he found that it was a fraud pure and simple, with no assets or stock and entirely irresponsible, he "got out" and gave his evidence to the proper authorities, who are now no doubt allowing it to "run" for a percentage.

The Purity Journal and Christian Life, is the rottenest magazine which ever visited our table for criticism. It stinks and smokes with the nastiness of Jesus Christ and hell-fire, and pretends to believe we should follow his teaching and let the neighbors provide for the morrow. Well, a man would naturally hate his mother and father and children and himself also, if he was ignored enough to imagine there was any purity in the life of that vile tramp-thief, except pure nastiness.

We have just received a copy of the *Delineator*, with a nice letter accompanying it, asking us to give it as favorable a notice as possible. We consider it a villainous and dangerous visitor in a family and would almost put it ahead of a preacher for making trouble and robbing the family. We are pleased to see Los Angeles women going bear-headed on the streets. We hope that it will become the fad and will last and that they will cut enough from the bottom of their dresses to piece out the top a little more.

The Animal Defender, which gives whole column notices to dog funerals and birthday parties, gives HIGHER SCIENCE and all others who fail to endorse its nauseating form of rabies, all kinds of vile abuse, not even sparing ladies who enjoy out-door sport. It refers to the former editor as "genuinely earnest, conscientious, intelligent, and above all, humane." Now we fail to see any of these qualities in people who spend time and money, shedding crocodile tears over dogs, while there are poor, suffering and starving little children in the world. Shame upon such people, who have no higher aim in life. It is one of the degrading effects of christianity.

The editor of the *Religio-Humanitarimaryann* whines and bays because HIGHER SCIENCE does not like dogs. We wish to warn Bro. Davis that when a cur holds his mouth open too long barking at this editor he is "mighty likely" to catch cold and disintegrate. We do not deny that we have had bad luck, and hurt our foot, but as there is no dysentery pension coming while it lasts we have concluded to let it get well. In spite of Bro. Davis and his sunday school HIGHER SCIENCE will continue to teach the true motions of matter, and his dirty insinuations cannot change the truth.



Sending subscription, Neil Maher of Empire, Nev., says in part:

**** Don't know just how I stand on your books, but I do want to keep up my subscription. Was afraid it had ceased to exist but the last number came a few days ago. Sorry to hear of your accident, but glad to see that you are still able to write the naked truth. *** Long life to HIGHER SCIENCE and its brilliant editor. ***

In the annual report of the "Church of Humanity," the *Educator* says:

*** Previous church connection of the members: None, 31; Methodist, 12; Lutheran, 7; Baptist, 3; Roman Catholic, 3; Presbyterian, 2; Missionary Baptist, 2; German Lutheran, 1; Latter Day Saints, 1; Menonites, 1; Quaker, 1. ***

The people are beginning to realize that the belief in a god has tainted the pages of history with blood and wanton crimes, and that the world is getting better in spite of the "Almighty."—*Free Society*.

Quite true. Christianity with its unjust vicarious atonement, induces crime of every nature. In the prison reports of England, where there were 7,000,000 each of christians and infidels, one in every forty were christians, while only one in 20,000 were infidels, and no atheists.

No publication of a sectarian, partisan, or denominational character must be used or distributed in any school, or be made a part of any school library; nor must any sectarian or denominational doctrine be taught therein. Any school district, town, or city the officers of which knowingly allow any State or county apportionment of school moneys; and upon satisfactory evidence of such violation, the superintendent of public instruction and school superintendent must withhold both State and county apportionments.—*Cal School Law*.

The above section of the State school law, makes it plain enough that no bible can be distributed, read or put in the library of any public school of this State. If the crimes of god, Christ, David, Solomon, Mary and the sweet scented old saints, were read in the schools is would soon do away with the terrible curse of christi-anity.

The Word is a brand new magazine published in N. Y. by the Theosophical Society. In the message on pp. 1, Vol. 1, No. 1, the Editor makes the following statement:

"This magazine is designed to bring to all who may read its pages, the message of the soul. The message is man is more than animal in drappings of cloth—he is divine, though his divinity be masked by, and hidden in, the

coils of flesh. Man is no accident of birth nor plaything of fate."

He does not offer any proof, but HIGHER SCIENCE has proved that man has evolved from the earth and "is no accident," sure enough, of the chance and changing mind of a jealous and angry god.

A. W. Emmons, of St. Andrews, Florida, sends his subscription a year in advance and says:

**** I wish to add my mite to the cause of educating the masses above the silly twaddle accredited to the "long-haired tramp" of Jerusalem * * * . I would be glad to second your lead in my own publication, but it would simply be suicide for me. I am being systematically boycotted by the county board of education, because I dared to publish Mr. Hall's challenge to Rev. Dolphy to preach on a number of texts named. The said minister had assailed Mr. Hall from his pulpit. ****

Mr. Emmons publishes the *Buoy* and Mr. Hall is one of our subscribers who writes for the *Buoy* sometimes. (See Jun. H. S. page 927.

H. H. Drake, of Amarills, Tex., sends his \$ and says:

*** Have just finished reading your article, "Some things about Jesus," in August magazine, the second time. Every statement you make about him is fully substantiated by the bible account. The fact is he was a creation of the monks of the middle ages, and they made him in the image of themselves, a wandering mendicant, subsisting on charity, too lazy to labor, clothed in rags and filth. *** I challenge the world to produce a single (moral) thot, that was new, which is credited to Jesus. Poverty and idleness were his ideals and it was these he glorified. *** I like your bold words and regret that it is not possible for all the world to be equally honest, tho the clergy would soon be out of employment ****. The criminal class are the product of christianity and vicarious atonement.****

G. W. Brown, M. D., of Rockford, Illd., who is 85 years old says of HIGHER SIENCE:

*** Money is close here now or I would like the best in the world to raise HIGHER SCIENCE out of the slough of despondency into the sunlight of prosperity. Your classification of the earthly sojourners in the upper and lower regions is about correct. Instruct your readers that when they prey, they should pray to a hermaphrodite god, Gen. 1, 27, ****

UNITED STATES SENATE.

Nov. 5, 1904.

Committee on Civil Service and Retrenchment.

Mr. F. H. Heald, Publisher Higher Science,
Los Angeles, Cal.

Dear Sir:—I beg to acknowledge receipt of document entitled "Petition and Instructions to our Representatives in Congress," relative to enacting certain laws relating to ministers and priests.

In reply I beg to say that the same shall have my attention, and if desired, I will present it to the committee on Public Morals in Congress.

Very truly,

GEO. C. PERKINS.

Warren Wolf of Ryan, I. T., in sending the following publisher letter to every Freethinker he can hear of, and we hasten to repeat it to our readers and urge you to do a little for a man who is dying "in the cause" of truth.

Dear Sir and Liberal—Thru a letter to Heald's HIGHER SCIENCE, written by some correspondent I learned that *Watson Heston* the famous Liberal cartoonist, was bedridden, and his wife, his only means of support. I immediately wrote Mr. Heston, inquiring into the true situation and received the following pathetic letter from his faithful wife, which I take the liberty of reproducing.

Here follows the letter, which states the facts as in Mr. Ferris' letter in August HIGHER SCIENCE. Mr. Wolf, whom we know to be all right, then adds:

Now, fellow Liberals, words are superfluous. Remember how we treated H. L. Green and wife, and don't let this be another such case. Winter is upon us. Missouri is a cold climate. Think of the faithful little woman toiling thru the cold wintry days and we in good health, surrounded by comforts and too calous-hearted to send a few dollars to a noble fellow comrade who may die, with at least the comfort that he was remembered at last by former friends. Send your remittance at once and it will be accounted for and published in leading freethot papers. If you prefer, send direct to Mrs. Heston, with a word of cheer, but remember that \$5.00 will, in this instance, bring more sunshine than a whole ream of paper covered with sympathizing words. This means *you*. Do it now.—Warren Wolf.

Geo. O. Roberts, State Councelor of United American Mechanics, writes from his home at Dennison, Ohio, of his recent trip to the Coast:

* * * * Was very anxious to meet you but failed to find you in the Stimson building. * * * * Is your new Procession of Planets out yet? And how does my subscription for magazine stand? * * * * I see you are called an Atheist, by the *Occasional One*. Well, I am sure you have many on your side.* * * *

Wm. G. Scott, of Cincinnati, Ohio, writes:

* * * I am sending you a paper with marked article (of how the Japanese christian boy carries his bible into the battles and reads it every day) which goes to show what bare-faced lying a preacher will do, to keep himself in a job. I doubt if there is a single word of truth in the article. * * *

The main trouble with the farmers is that they have not yet learned to do business in a business way. They have pets to trade with and others to boycott. They let religious and political opinions govern them regardless of profit and loss. They let a slice of sugar-coated credit lead them into debt.—*Arkansas Traveler*.

Life Science, of Fulton, N. Y., published by Mary C. Von Kanzler, is a brand new-thot magazine. Mary seems to have sucked in the god idea, some place and asks:

Is the divine plan of life such that each individual will reap success rewards to the degree that he earns them by setting up the right causes? * * * * Would you not like to become a helpful example, to your fellow-men, of these powers of God thus working through you in all that you do and say?

We should say the divine plan is to murder babes and women

and save pure maidens for the soldiers who are not only willing, but anxious to fight. No thanks, we would rather help the Devil tell the truth, and save the weak and unprotected.

Miller City, O., 11-8, '04.

F. H. Heald, Dear Sir—Please find \$1.00 for HIGHER SCIENCE another year. I want September and October numbers, as I have not received them. I love the HIGHER SCIENCE. Yours truly, Lewis E. Deuble, M. D.

The Methodist preachers, who live by the charity of the less intelligent and older class of women, have been resolving that the bible must, with all its filth and nasty stories about god and Christ and the old saints and the bible women, be forced into the Public Schools. One of their resolutions says:

"We do not wish to antagonize anyone. We are not throwing down the gauntlet to anyone. We wish everyone to join with us in a common request to keep the public schools absolutely free."

We propose to keep them free and also clean, and the Los Angeles Liberal Club will raise all the money that is needed to keep this vile curse of christianity, with its infamous atonement out of the schools.

Ella P. Hunt of Moline, Kans., says, when sending for books, etc.:

* * * I appreciate HIGHER SCIENCE very much. I will subscribe as soon as I can possibly spare the wherewithal. In the meantime, please send me—* * * *

F. S. Weaver of Coe, Ind., hauls the Editor over the coals for being too radical, but says of the Procession of Planets:

* * * In fact you will never get an educated person to take issue with you on the Processional theory.

He also goes to show why gods, saviors, virgins, wise men, men "after god's own heart," etc., should not be referred to as persons, inasmuch as they were simply the personification of objects and principles in nature.

T. J. Collins, a railroad man at Aledo, Texas, sends his subscription a year in advance, and says:

* * * * My subscription is not due yet but I see you need the money and I might not have it when due. Am also after the tray for the madame (not the kind who help feed the preachers). It is a shame you are not better supported to help the good cause along. * * * * Say "hello" for me to Walter Collins. * * * *

Not long ago a young clergyman, in explaining why he had abandoned the sacred profession, gave as one of his reasons the relatively low moral and intellectual standard of the students and graduates of theological seminaries. He asserted that he found in the school of divinity a much poorer lot of men than the average of college students. The feeblest men of the college, he said, go into theology.

This judgment is now confirmed by a Japanese who has studied at Yale, and whose opinion cannot be attributed to hostility to Christianity, for he is a Christian convert. He writes to a paper of Japan that the students in other departments of the American university than the theological are

"young men of fine appearance," but when it comes to the theologs, beggar-like faces are in the majority," and the feeblest of the lot "go as foreign missionaries," "the ones who are unable to get a suitable place here."
—*Secular Thot.*

Dr. Leon Andruth, of Chicago, a celebrated author, writes Nov. 12th:

Franklin H. Heald—Dear Friend and Fellow-worker:—I notice your HIGHER SCIENCE is devoted to the motions of matter, and I am preparing a series of articles relating to the embodiment of motion in matter, as demonstrated by the experiments of Prof. Elmer Gates. I have spent some time with Prof. Gates and will be glad to furnish you with articles along this line, which have never been given out to the public. * * * *

A poet in a dog-paper, sings to his dog Ponto, in the following words and figures, to-wit:

"I look into your great brown eyes,
Where love and loyal homage shine,
And wonder where the difference lies
Between your soul and mine."

Well old boy, there is no difference. He has no more "soul" than you have. (Eccl. IX, 4, 5. Also III, 18, 22), and you have no soul except your consciousness, which is only a motion which ceases when your protoplasm ceases to act and you are dead.

The editor of the *New York Times* has let the cat out of the bag, and shamelessly tells his readers why religion and the sentiment of patriotism are so very necessary among the masses. He criticizes General Miles for his "unconsidered remark," that "on the battlefield it is the fighting and not the praying that wins." The editor thinks he ought to concede at least the utility of religions; for "if a man can persuade himself that being killed in battle is simply the shortest and surest road to paradise that man is sure to fight desperately and recklessly." That's why we have chaplains and other representatives of God: to kill each other desperately and recklessly" men must have religion!—*Free Society.*

No one could have better authority for killing, murdering and plundering his fellow human beings, than a Jew-Christ bible. Swords, blood and hell fire are their principle stock in trade.

One of the worst robbers capitalism has produced, is the widow robber, the deacons of the church, and every community has many of them.—*Referendum.*

Reginald Coryell, member of the oriental society of Yale University and editor of the *Acanthus Magazine*, says of the Procession of Planets:

* * * * As far as my astronomical knowledge goes, I see no errors in your hypothesis, and believe in it. All new discoveries are doubted at first but in the course of time, you will receive a just reward for your ability and be acknowledged a master. I believe you truly account for the steller genesis and power of the sun. * * *

* * * Superstition must be destroyed. Free thinkers! are you asleep? or simply economical? Eternal vigilance is the price of liberty.—*Examiner*, (Paris, Texas.)

HIGHER SCIENCE

As thieves of old, to escape the halter,
Took refuge in the holy altar,
Oft dullness, flying from disgrace,
Finds safety in that sacred (?) place;
Where scripture sanctifies his strains,
And reverence hides his lack of brains.

—*Dickens (Ia.) Leader.*

Destroy the weeds and cultivate the corn. Destroy errors and construct true principles. Freethot is of no use to those who cannot think, nor to those who are afraid to think, or too lazy to think.—*Humanitarian Rev.*

The above higher science, is just what we have been telling him, for the past years. Shake, Bro. Davis, we are glad to meet you on the right track even tho you do not give HIGHER SCIENCE due credit.

B. F. Smith, of Bellingham, Wash., sending his subscription, says:

* * * * Would be pleased to see it grow. I wish it had a million circulation every month. If there was more reading of that kind in the world, there would be much less crime. * * *

Every man is entitled to his opinion, but it seems to us that the opinions of the so-called Free Thinkers are to windy with conceit to have much weight.—*L. A. Times.*

If there ever was a special example of "windy conceit" it is manifested in the editor of the *Times* opinion of himself. No doubt he has forgotten his last visit to Elsinore and how he backed across "the Rubicon," in order to see and dodge the things that were catching up with him. There are a good many Elsinore Freethinkers who have their own opinions and are not afraid to tell the truth if it becomes necessary.

"In the wiser day coming every dollar of church personal value and every foot of church land will pay taxes to support honest secular government. Remission of taxes for church and school uses is a secular gift to churches."—*N. W. Christian Advocate.*

If the editor is a true christian the above is a wail of sorrow, but if a sentiment realized by the unjustness of the church's position, he will lose his job or his support in case he owns the paper.

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