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HIGHER SCIENCE



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

NOVEMBER, 1906

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

ISSUED MONTHLY

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COMPELLED TO WAIT.

I am sorry to be compelled to confess to some of my especial friends that it will be impossible for me to send them a copy of the Procession of the Planets, until I have sold enough to "pay up," for the money a good friend advanced to have it printed. I hope however, that enough will sell so that I can be able to do so later. The pictures are now all made, and the work proceeding as rapidly as the jam of work will permit.—F. II. Heald.

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DR. JOHN B. WILSON
See page 137

HIGHER SCIENCE

OF THE MOTION OF MATTER

ISSUED MONTHLY
AT COR. AMABELL AND DAYTON AVE.

FRANKLIN H. HEALD
EDITOR AND PROPRIETOR

Entered at the postoffice at Los Angeles as second class mail matter

VOL. VI

LOS ANGELES, CAL., NOVEMBER, 1906

NO. 11.

WHY DO PLANETS ROTATE?

I have often explained to you that planets travel on their orbits because they are falling towards the sun and I think the explanation has been satisfactory to you, at least to those of you who have learned to think properly and who have had time and patience to think of it carefully. Why they rotate on their axis is a question for much deeper thought, but in considering it we must start on the basis that there is a cause for it in nature or they would not do it; and further, that it is simple enough when we find it out, and that it is not "past finding out." If it is done by a supernatural inhuman being, as people who do not think believe, because the priest says so, in order to hold his "soft snap"; then this supernatural being must get his force from a higher source and so on up and up, *ad infinitum*. But we know that is nonsense, because the force in nature must move them in all their motions. Now let us consider a few things in connection with the solar system, as explained by the Procession of Planets theory and see if it does not clear up at least some of the mystery. Suppose you admit that there is a gas of expanded matter, filling the solar system as I have explained; that the sun is its center; that it is heaviest at the sun because of the weight of all above it, just as our air gets lighter as we go up, or as water gets heavier as we go down into it. Then would not this gas be more dense on the side of the earth which is next to the sun? Remember that the side next to the sun, is 8000 miles nearer the sun than the opposite side. True, the difference of pressure might be so slight that it could not be measured by any known instrument and yet when we consider a great globe suspended in space and travelling at the rate of 1,260,000 miles per day, we must realize there would be a perceptible difference in the friction on the two sides of the earth and that it would be the greatest on the side next to the sun.

Now you will admit that this must be true and if so, you can readily see that the side next to the sun would be retarded, by the difference in the friction against the gas and away from the direction in which the earth was traveling, which I will endeavor to illustrate in the following way. Now what is the fact? The

earth is actually rotating in this way. It rotates on its axis just as if the gas on the side next to the sun were a track, and the equator of the earth were the rim of a wheel running on it. I have always referred to the motion as being west to east and it is about the only way to illustrate understandingly, tho of course there is no "really" east and west for the universe. However, we see that the earth rotates its equator just as a wheel does, which is traveling on the ground; and more than this, we see that every planet in the solar system is doing the same thing as far as we know, except Mercury and possibly Venus which are held by their magnetic poles to the sun, or which have elongated so as to be held in that position by force of gravity (which you will remember I hold to be closely related to magnetic force or the same). If the faraway planets do not operate by the same force, as some astronomers would think, perhaps we could not complain inasmuch as sunlight at Neptune is nine hundred times less than at the earth, and the weight of gas would be less in exactly the same proportion. However, it is my own opinion that the new clouds of nebula or crystalized gas which are to make new worlds would be affected by the same force, and must rotate in the same direction, and by the same cause if they rotate at all. I am asking you to think of this wonderful "mystery," and help solve it. There are dozens of my readers who are capable of analyzing such so-called mysteries, if you would only remember that nature has no mysteries and can have none. In my teaching I have always supposed these motions of moons and planets to come from the sun in the gas as it is thrown off and follow it thru all its evolutions back to the sun. If there is, however, a cause of motion in the chemical production of heat let us find it.

OUR THINKING APPARATUS

Today I received a little booklet from my friend, Dr. Wm. Cooper of Cleves, Ohio, upon the subject of "Matter and Mind." On the fly leaf, where he signs his name, with compliments of the author, he says: "What is mind? No matter! What is matter? Never mind!" I am not personally acquainted with Dr. Cooper, but call him "my friend" because I am his friend. I am the friend of any person who can appreciate and take the time to write a bit of humor like this. While the doctor and myself might not agree that all matter is mind, we can agree that all good humor is conducive to companionship, and that all mind is matter. My idea of mind is, that it is that substance of our anatomy, upon which outside motions make impressions of which we are conscious; and that thot is a motion which our mind throws off, or receives from another mind which is throwing it off. In other words, thot and mind are two entirely different

things, which most people, including Dr. Cooper, do not separate in their reasoning. The mind is like the wireless telegraph instrument, which measures the vibrations of the telegram, which itself is only a motion, like that coming to the instrument, except that the mind is conscious and the instrument is not. The mind is the material receiver of all these wireless messages, which reach it thru the different avenues of feeling, smelling, tasting, hearing and seeing. It is the protoplasm or brain upon which these motions make their measurable impression, and it is not only a receiver of these motions, but is also a propeller or projector of thot-motions, and makes itself felt on other minds. We can plainly see, then, that all our mind is matter, and the only question seems to be whether all matter is conscious. If all matter is not conscious, then all matter cannot be mind. The doctor speaks of mind as if it were thot, which it is not, but only the conscious receiver of thot-motions, and, the conscious sender of thot motions. Do not forget what I have so often told you about how our thots can be changed by what we eat or drink; and notably, whisky. It is not the whisky which goes out to other minds, but only the vibrations or motions it causes the mind (which is the brain or protoplasm) to make.

Sunlight from the sun is not the substance from the sun, going out at the rate of 183,000 miles per second, but it is the transmission of the motion which the sun makes in its great explosions and fusion, or combustion of matter which is continually returning or falling back into it, as I have fully explained in *The Procession of Planets*. If all matter were mind, then the sun would have to be conscious of the motions it receives and makes; and might really be the great god, which our hairy ancestors worshiped untold ages ago.

MEDIUMS FOR MOTIONS

Samuel Blodget of Hopkins, Minn., who is not a subscriber of *HIGHER SCIENCE*, but who has evidently received a sample copy, writes:

* * * Will you kindly inform your readers how heat or cold produces the motion of sound. As far as I have been able to see, sound has been generated as easily and passes as readily thru an atmosphere of one temperature as another; it goes as freely over a telephone wire in winter as in summer; no difference being noticed whether it is 40 below or 100 above zero. Those facts have been conclusive in my mind that neither heat or cold produces the action of sound, or influences it in any way. * * *

HIGHER SCIENCE does not advocate the idea that either heat or cold produces the motion of sound. Heat is caused by the rapid vibration of matter, when it is being expanded into larger bulk, for any cause, and cold is only a lower degree of heat, or a relative heat. Some people imagine there is what they term "ab-

solute zero," which would, as we see, mean absolute vacuum, or a place where there would be no motion, because there was nothing to move. Such a place in space would be an impossibility, which is easily proven, as we would prove there is always a remainder when we divide ten by three. We may divide the remainder indefinitely, but there is always an infinite remainder. Sound is simply a vibration that travels the same as any other motion, but makes mind conscious of its impression thru the organ of the ear. Sound can be so loud that it will break window glass after traveling thru the atmosphere a mile. When sound travels thru the air, it travels ordinarily at the speed of but 1090 feet per second, because the atoms which jar each other to transmit it are so much more elastic than the atoms which are bound together to make a wire. Sound, light or electric motion no doubt travel much faster thru a compact medium, as a wire, than thru atmosphere. We already know that sound does so, and no doubt if the wire was 40 below zero these motions would go thru it in a shorter time, if Mr. Blodgett could measure the difference of speed, because they would be more compact or the atoms closer together. It may also be possible that light travels more slowly as it goes farther from the sun, where the gas from it is less compressed by the weight of other gas above it, that is to say, where the atoms are farther apart, because of less weight above. This is, indeed, a subject of great interest, and might if known to an absolute certainty, make a great difference in our estimate of the remoteness of celestial bodies, whose parallax cannot be measured by triangulation.

THE POWER OF THOT

BY CHANNING SEVERANCE

Mortal man is an involuntary thinker. Every moment of his existence when not sleeping must be passed in thinking about something. He can no more stop than he can stop breathing; he must think, and there is no escape. Thinking is therefore automatic in its basic principle, and Nature works our mental machinery as well as our physical, but while compelled to think, we are not without power to direct and to change our thots, so the individual is not hopelessly bound to any system or compelled to think forever along the same lines. But desire and effort are needed to insure changes, and unless something rouses both, we are liable to cling to old opinions, and to cherish thots that were instilled early in life, when impressions sunk deep in our plastic minds, and got a grip hard to shake off. It is a notorious fact that new ideas are seldom welcomed by the majority of human beings, and they have to fight their way into popular approval; for there is a general tendency to resist innovations,

and to cling to the established order of things. But a new idea gets in the mind of an individual and it forces him to act and to propagate it; and here we have the secret of all progress, for on the few rests the responsibility or the power to move the many. Thinkers are and ever will be in the minority, for direct and positive thot applied to the practical things of life, to the development of the human race, will always be confined to a very limited number. Most people think mechanically, and their mental machinery runs in ruts; and day after day they run on with thots as similar and as monotonous as the ticking of an eight-day clock. They aspire to nothing higher than what they already are, and plod their weary way to the universal jumping off place as did their fathers before them. Old traditions, old landmarks and old everything seem to have a fascination for them, and they stick and hang to time-worn thots, antequated ideas and the views held by their ancestors, with stupid tenacity. They don't want to be disturbed by new ideas for the sleepy calm so congenial to their natures is a dominant factor in their lives. And yet new ideas appear, persist in staying, and will not retreat under any circumstances, for they have power to enslave certain individuals and to make them fight their battles at the expense of personal comfort, and often personal safety. That man who gets a new idea in his head thru Nature's silent and mysterious process can never evade or escape from its exactions, and they are to be seen and heard. The man who gets one, can no more rest until he has given it to the world and seen it fully developed than he can stop the process of digestion after eating a meal of victuals. Men to whom new ideas do come, are generally labeled "genius," for they are so few and rare compared with the common herd they stand out like a giant among pigmies. To these men the world owes its progress, and to them we must ever look for further advancement; for the masses represent nothing but stationary stupidity. Their minds are receptacles for the thots of others, and the ordinary individual is ever passive and receptive, therefore swayed and influenced by the few positive and aggressive characters that do real thinking in every community. But this is not saying that such characters always do right thinking, for they don't. The priests and preachers are active and persistent thinkers, and their influence on the masses is tremendous; but they think in a circle; and starting with ideas not bedded in truth, they think wrongly and exert an injurious power. The power of thot, whether right or wrong, is a factor of the utmost importance in the world, for it shapes and controls action in those who are subject to its effect. The evils of which society complains, and the conditions we find oppressive and almost intolerable, are the products of wrong thinking; and desirable changes will never come only thru right thinking by the

small minority, that ever has and ever will decide how society shall be governed and directed in its movements. In looking and hoping for better conditions, one thing is too apparent for denial, men and women must be free to think and express their thots without restraint of any kind, or we cannot progress as we should. Every religion on the globe is the enemy of free thot, and places restrictions on its exercise, whenever and wherever possible. The priest has always stood in the way of a new idea and fought its advancement with every means in his power, and he is doing today what his predecessors have done in all ages. Reason alone should direct the great and omnipotent power of thot upon the human race and its destiny; but it doesn't, and we live in a world cursed by numerous superstitions and errors which reason alone can remove. The mothers of the race are mostly in the grip of priestcraft, so the children are, in the great majority of cases, sitting in the lap of superstition instead of philosophy; where Ingersoll once said they would sit when woman thinks for herself. The power of thot is beyond estimate for good or evil, and the question of supremacy rests with reason or religion. For ages the conflict has been going on, and reason has made great advances over its old time enemy, but much yet remains to be done; for until every vestige of religion is destroyed untrammelled reason cannot sit where it rightly belongs upon the dome of thot, and direct the affairs of this world.

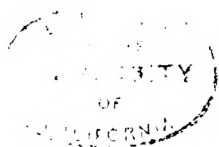
SUBSERVIENT TO FORCE

BY JOHN P THORNDYKE

From my view-point man is never free. Fizikally, intellectually, morally the essence of freedom never characterizes him. From conception to death he is ever and always subservient to a master and that master—force. Each step, from the cradle to the grave is governed by the law of condition and circumstance. Each combination of brain energies is formed under the same law that brot the fizikal man into his present expression, and that law is force. Every human impulse, each throb of sympathy, each motiv for lofty purpose and laudable endeavor is made so, and is the direct result of the law of force.

It is force and nothing but force from our introduction to the last word of the last chapter of our volume of experience called life, that controls our mental, forms our prejudices, inspires our motivs and sways our conduct. During the nine months between conception and birth, are we free. Nobody of intelligence will attempt to sustain such a claim. Pray then, tell me when emancipation takes place?

In Webster's unabridged we learn that a man is free when he is "not under restraint, control, or compulsion; able to follow one's own course of action; not dependent; at liberty." When is man



"not under restraint" of some kind? When is he not governed or controlled or compelled? When is he "able to follow his own course of action," and when is he "not dependent?"

Man is ever and always subject to the law of condition and circumstance, and to this law must be attributed the cause for his advent here.

Undoubtedly environment has much to do with making us as we are; but environment is only a factor in the law of condition, and is very closely allied to circumstance.

Man ever and always is exactly what conditions have made him to be, and outside of conditions he would not be at all. He is the outcome and sum total of all the mighty past, and thru the law of evolution, he is the epitome of all the oncoming future. Our present throws no light as to what that future will reveal. But today man is not free in any sense whatever. Someone asks "Is not the air free for man to breathe?" It is so far as I know; but man is not free in his breathing, because he is limited, circumscribed according to the capacity of his lung-power; a "dependent" on his lungs, which may be the very weakest part of the entire organism. "Is he not free to think?" you ask; as I am a Yankee, I will answer the question by asking—if he can possibly be free to think, when his thoughts can be controlled and directed by another in spite of his wonderful self-possession? "But," you say, "man thinks as he pleases." As gracefully and politely as possible, I positively deny the statement. Man thinks as he is forced to think by the law of condition, and according to circumstances; and how often we witness in every-day life the truth of my statement—that a man is forced to think just the opposite of what he would be pleased to think? Would we not all be pleased to think that our governmental affairs at Washington are being administered with an eye single to the interests of the whole people in every detail? Can we think so in the face of the undisputed fact that the administration of our affairs has been growing more and more corrupt for the past forty years? Would it not be a pleasant reflection to contemplate that our congress (both houses) were composed of honest men with high resolves to represent the people, instead of political tricksters whose holiest ambition seems to be to serve the railroad robbers and other trusts whose only object is to plunder? You cannot fail to notice that we are forced to some unpleasant conclusions.

The editor of HIGHER SCIENCE may have some theory by which he can see clearly that man is free; but if he will thoroly investigate, he will ascertain that my position is founded in fact and not fancy.

Another objector rises to say "then, man is a mere machine?" And I reply—most certainly, that is just what he is. We will all admit that this statement will not tickle the faculty of self-conceit;

be it so; we are or should be truth-seekers, and do not cringe, nor bow the head, nor cross ourselves, nor bend the knee before the altar of Mammon, nor the shrine of any being, theory, or principle, nor do we desire the endorsement of public opinion, nor seek its applause. What care we for such baubles and humbugs? As students of humanity we only ask for cold facts, no matter how ugly, how stoical they may be. Truth never conforms; nature never smiles nor grunts nor grumbles. Yes, sir; man is a machine, a cog in the wheel, a link in the chain, an important factor in the universal mechanism, and perhaps the most important. And, because he is not free; but, on the contrary, under continual restraint, caused by condition and circumstance, he is not responsible. Because he is ever and always subservient to nature's inexorable laws, he is a part of nature's economy, and is destined to work out its problem. There is no lost motion in nature's mechanism; but every part thereof performs its proper office in every detail. Never a cog slips, never a bolt breaks, never a screw needs tightening, but all work in perfect unison in nature's perfect plan. No, sir; man is no more responsible for what he does than for what he dreams. He acts and thinks and speaks only by virtue of the law of condition and circumstance. All fulfill to its completement their own destiny. The dimpled babe of a few days, the youth in life's green spring, matron and maid, and the gray-haired sire of four score years, each fulfills equally the destiny of its being. No less the brave man and the coward, the murderer and the musician, the farmer and the financier, the poet and the politician, the trickster and the truth-seeker, the plunderer and the pilgrim, the teacher and the thief, are all working out the destiny of human experience, and cannot do differently than obey the behests of nature's laws of condition and circumstance.

All may have views on the why this is so. We may conjecture many whys and wherefores without changing the result. It may be that man's slavery to the law of condition, is due to his being only one of the myriads of factors in the great universe of matter, and that he has not yet evolved to such sublimation as to recognize his sphere or power, and when he does, it may be that he will be able to control conditions; but this is all conjecture. The future is still unrevealed. We are living in the active now, and the future's lips are so closely sealed as to forbid even a whisper to our expectant ears. The temple is so securely tyled as to preclude the possibility of a peep by curious eyes into the "holy of holies." We know but little. The past is ours to study, and thru careful research to gain some knowledge. The present is ours to live, and, in living, to apply the lessons the past has taught, not the least of which is that—man is not now and never was free, fizikally, intellectually or morally.

THE NEW WOMAN

So many of my subscribers and other interested friends have asked me, who is "The New Woman Listening for the Truth of Science," in September HIGHER SCIENCE, that I will say here for all of you, with the consent of her father and mother—she is two years old—Miss Doris McCoy of Elsinore, California. Her mother's name is Edna Heald McCoy, her grandfather's name is Franklin H. Heald, and she is a thorobred. Both her father and mother are Atheists. Her grandfather, who is still living (and not afraid of threats, being secretly "removed"), is an Atheist. Her grandfather who is not living was an Atheist, and at least one of her grandmothers was an Atheist. One of her great grandfathers is still an Atheist, but I will not attempt to follow the religion of her ancestors farther back at this time. I have known at least ten of her maternal ancestors, as far back as six generations, and there was not a "scrub" amongst them. I do not care to go any farther back just now; I do not care to enter the McClunn cave, that I have told you of before, in which the central figure had hair in his teeth, nor go back to the socialistic times with Rudyard Kipling to view the parade where they held one another's tails as they climbed the cocoanut trees. Some of her great grandmothers imagined themselves to have been christians, but I happen to know they were not; that they did not "hate their fathers and mothers and brothers and sisters;" that they did not "love their enemies," or "turn the other cheek" when they were "swatted" for christ's sake, but that they were dear, sweet, lovable and loving, mothers and grandmothers.

DR. JOHN B. WILSON

Dr. John B. Wilson of Cincinnati, O., whose portrait is presented this month as Frontispiece, is one of the best known Atheists in America, and one who is probably doing as much, or more, to free humanity from the mental slavery of superstition and the physical slavery of capitalism, than any other one person on this continent. I first remember him in the U. S. District Court at Cincinnati, fighting in defense of the late Editor C. C. More of the *Blue Grass Blade*, who had the habit of telling too much truth about "our dear heavenly father" and "our blessed savior" to suit the religious bosses. As you remember, he was persecuted for a long time and sent to the Ohio States prison for two years, but was finally rescued by Dr. Wilson's untiring energy and ability as a liberal advocate.

Dr. Wilson was elected President of the Amer. Secular Union in 1898, and later President of the National Liberal Party—now the Amer. Freethot Association. During his term of office as Pres. of the latter body he was sent as American delegate to rep-

resent us at the International Liberal Congress, held at Rome in September, 1904, and of which he has written a most interesting and instructive book, *A Trip to Rome*, which I mentioned last month. Dr. Wilson is still a young man of force and energy and it is to be hoped that Freethinkers will see to it that his great ability will hereafter be kept busily employed in travel and publishing. To those who can not afford to buy his works, let me say you can always find them in our Los Angeles Liberal Club Library.

REPORT OF THE W. I. S. CLUB

SEPTEMBER MEETING

Opening exercises, singing: "My Bonnie Boy." Tune, Annie Laurie.

Letters from local members, friends and others, read by Class Reviewer and reported to Executive Committee.

It was voted to adopt the Pledge, Badge and Seven demands of Feminism, as proposed at September meeting and reported in October. "Higher Science."

It was voted that the following be submitted for approval or adoption as the eighth demand of Feminism:

VIII. We demand that every child born in the United States of America shall have a recorded lineage, sworn to or affirmed by the mother of said child and recorded in the county records of the county in which it is born; and that it shall constitute a State's Prison offence for any mother to neglect or refuse to swear to or affirm and record the same.

It was voted to accept the offer of the Ed. of "Higher Science" to place Olive Schreiner's "Dreams" on his premium list to subscribers.

Mrs. Mary Thrasher entertained the meeting by reading "Three Dreams in a Desert" by Olive Schreiner, after which it was voted that the book be submitted to Locals for adoption as a text book.

The following Locals were represented by letter and reported in the meeting.

Annie Howard Van Horn, Sabra, Montana.

Lydia L. Lamb, Dryden, Michigan.

Allie Lindsey Lynch, Chicago, Ill.

Annie Erehnberg, 210 Winston St., Los Angeles, Calif.

Rebecca L. Jones, New York City, New York.

Mary Thrasher, Los Angeles, Cal.

A. J. Corker, 139 Figueroa St., Los Angeles. Cal.

Closing exercises, singing: Home, Sweet Home.

Mid pleasures and palaces, tho I may roam,

I'm thinking of children without any home;

Poor victims of "God" in the markets of Craft,

Bred by millions to please "Him" the author of graft.

Chorus.

Home, home, sweet, sweet home,

The truth about birth will give each child a home.

Woman's International Study Club, Los Angeles, California. (Per A.

A. Erhenberg, Sec.)



COMMENTS



In truth we trust.

A poor excuse is worse than none.

A dog has no good qualities which we are bound to reject.

The Socialist vote this year is going to be a great surprise to a great many people.

No cross (for the woman), no crown (for the king, because no soldiers to fight for it).

Los Angeles will always be a larger city than San Francisco if the Isthmus Canal is really finished.

We can never have more "temperance," until the profit is taken out of the liquor traffic so that the saloon would not pay.

Tomorrow Magazine, of Chicago, indorses our idea of pensioning mothers instead of priests, parsons, aristocrats and capitalists who are not sacred.

The new book, *Procession of Planets*, is ready at last, and all of you who get it will be pleased I am sure. It looks now as if the 1000 edition will not be enough.

The very latest picture of Jesus Christ represents him as patronizing a new brand of beer. No doubt it is a very cheap brand, and probably made wholly of water; or of holy water.

Will some honest Atheist, Freethinker, Liberal or Spiritualist who has \$250 to invest in a speculation with great possibilities let me hear from you at once—or five persons might put in \$50 each.

A number of letters from friends and some other good things, which were crowded out last month, were accidentally "thrown in" and melted with the "dead" matter. It is too bad, but accidents will happen.

A person who does not know any better than to allow himself to be nailed to a cross and killed under the impression that it gains favors for other people in another world, can be spared from this busy and practical commonwealth.

There is one daily newspaper in Los Angeles, *The Evening News*, which tells the truth about the attempted Owens Desert

water steal. Every voter and property owner in the city should support it. You could better give \$1000 to fight the great steal than to lose your home.

Sunday Labor is the name of a new book just received from the author. It is a world-view from the standpoint of a proletarian, and exceedingly interesting to students of psychology and sociology. It is a nicely bound and printed book, about 6x9, 250 pages, and excellent paper. Price \$1.00. Address John Veiby, 427 Moseley St., Elgin, Ill.

A number of half-baked christian anti-divorce dupes, are working their race-suicide policy all over the state, trying to influence prospective legislators to agree to make laws against divorce. The priests, aristocrats, capitalists and other idlers, realize that happy marriages do not produce soldiers and prostitutes, and that if unhappy couples are not held together by force, there will soon be a change of human government wherein there will be no libertines and idlers left alive, unless they go to work.

People who defend the bible and christianity, often say of certain "passages" from it, "Oh, of course, that was written for the time they lived." Now that is exactly the position taken by HIGHER SCIENCE, and that the most perfect part of it, i. e. the New (?) Testament, is nearly 2000 years behind the times, and that a large part of the Old Testament was written for people, who, if they did not actually live in the treetops, lived in hollow trees, tepees, wickiups, and holes in the hillsides. Why, then, should we cling to the teachings made for those people, and why not throw the old bible away and make a new one suitable for modern times?

I have been hauled over the coals frequently for quoting from god, g—sus, and the Devil, as if they were real people and actually talked as the bible says they did. The strange part of it is, that the people who believe they were real, and really believe they said the things which I quote, become the most angry and froth at the mouth the worst. I am extremely careful to give the book, chapter and verse; and would not misquote them for the world. Even Bro. Kerr of our Church of Humanity, "churches" me for quoting from "myths," and some other magazines and Liberals call it illiberality. However it pleases me to refer to these mythical characters and quote from them, the same as I would refer to and quote from Shakespeare's Fools, or Mark Twain's boys. The harm comes in being ignorant enough to believe in and perpetuate the brutal and imbecile doctrine, which was put into their mouths, by the libertine priests and aristocrats, in whose imagination they originated.

Quirin Bachelor of the Military Home of O. writes the following interesting letter, under the title of "What is Nature?"

Nature is everything that exists, visible or invisible. All plants and everything lives on it. The knowledge of every man and instinct of every animal, is Nature's knowledge. Now where is room for a God? God and Nature are one and the same. This lesson we got in school 50 years ago, along with the lesson that the earth is round. The priests heard of it and came to school to scold the teacher. They said: "If you teach the children that we will have to work on a farm. You must keep them ignorant and we will raise your pay." The teacher said it was his business to teach the children all the truth he could. The teacher was discharged but I was very sorry for him. When I was seventeen years old I was tired of life. I thought Christ's birth was an insult to God's wisdom and a disgrace to all living beings. I had a vision once, a sort of instinct that I would live to see Humanity.

I have tried newspapers and magazines for years, to get them to publish this, but in vain. My means run low and I am losing hope of success. If this gets published, my vision will come true.

Chapel, is the new hot name for Church; it does not sound so ignorant to the coming generation of mental slaves.

Mat. IV. 3 If thou (Christ) be the son of God, command that these stones be made bread.—Satan.

In an article in the *Critic and Guide*, of New York, for October, there is a most remarkable article by Theo Schroeder, attorney for the Free Speech League, which you should all read. Here is a sample paragraph:

* * * The courts agree that "One violating a woman's chastity, thereby committing an immoral act, and in some states indictable, does not assault her, if what he does is with her consent." (2 Bishops Criminal Law, p. 22, *People vs. Bransby*, 32 N. Y. 529.) But a woman's imagination is by law, so much more sacred than her body and her chastity, that if you assault her imagination with a scientific book on sex, her consent cannot be given, so as to relieve the assailant of her imagination from conviction for obscenity. What a mockery of our intelligence! What an indictment of our prurient hypocrisy! * * *

The following letter from Mrs. D. Hussy of Elmhurst, California, is the kind of a letter that cheers an editor who is doing the best he knows:

* * * Please find enclosed one dollar, and next month I will send \$2.50 for *The Procession of Planets*, which I know will not only be interesting but also instructive. I am bringing up two boys and they will be educated to believe in free-thought as I do and your book will be an heirloom for them. I can not tell you in this letter how much I enjoy *Higher Science* and thank you with all my heart for your honesty of heart and purpose. * * *

"*Higher Science*" is one of our valued exchanges, Franklin H. Heald, its editor, is an uncompromising foe to what he calls Superstition, but for all this we like his candor, and appreciate his Scientific Articles which are along the line of progression and are in fact real intellectual treats out of the ordinary. If you want something rich and rare along Scientific Investigation send \$1.00 to *Higher Science*, Corner Amebel and Dayton Ave., Los Angeles, Cal.—Cosmic Light.

A small magaizne, aspiring to the name of "Higher Science," is published by Franklin H. Heald at Los Angeles, Cal. Its editor strikes right and left at Capitalism and the Christian religion, and presents short, interesting notes upon scientific subjects. Nor does he fail to attack the prevailing superstition as to woman's inferior place in the universe. The August number reprints from *The Worker's Advocate* of Chicago, a portrait of Uncle Sam and Aunt Mary. It proves Mr. Heald's unswerving devotion to the cause of woman's equality, that, in spite of Aunt Mary's unbecoming prodigious gray pompadour, he believes her rightful place is just where the picture shows her to be, at the side of Uncle Sam, and judging from that gentleman's broad smile, he thinks so, too. "So say we all of us."

One of Mr. Heald's short editorials is as follows:

* * * * *

We thank Mr. Heald for his convictions and his courage.—Truth Seeker.

If thine enemy take thy son from thee, to make a soldier of him, give him thy daughter also, for a prostitute, Jesus Christ doctrine.

* * * Rapid changes are on now. Thus scarcely anybody believes the once famous Nebular Hypothesis of La Place. * * * —Dr. Edgar L. Larkin in *Nautilus*.

Charles H. Felton, of Baltimore, Pa., in renewing his subscription, says in part:

* * * You will find inclosed \$2.00 for my subscription until July 1907. Do not stop it unless I notify you. I like the way it speaks out the truth—bold, plain and without fear. I will want your new book *The procession of Planets* as soon as it is out. * * *

Mat. V. 29. And if thy right eye offend thee, pluck it out and cast it from thee; for it is profitable for thee that one of thy members should perish and not that thy whole body should be cast into Hell.—Jesus Christ.

The reasonable man adapts himself to the world; the unreasonable one persists in trying to adopt the world to himself. Therefore all progress depends upon the unreasonable man.—Lucifer.

We note the comment made by "Higher Science" in regard to our opinion concerning the Humanitarian Review upon the question of organization. To be candid *The Blade* did not believe the case was half as bad as it is made to appear.—*Blue Grass Blade*.

Num. XXX. 9-12. But every vow of a widow, and of her that is divorced wherewith they have bound their souls, shall stand against her. And if she vowed in her husband's house, or bound her soul by a bond with an oath; and her husband heard of it, and held his peace at her, and disallowed her not; then all her vows shall stand and every bond wherewith she bound her soul shall stand. But if her husband hath utterly made them void on the day he heard them; then whatsoever proceeded out of her lips concerning her vows, or concerning the bond of her soul, shall not stand: her husband hath made them void.—God.

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