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HIGHER SCIENCE



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

JANUARY, 1906

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

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HIGHER SCIENCE

OF THE MOTION OF MATTER

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FRANKLIN H. HEALD, Editor and Proprietor

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UP AND DOWN

When we realize that the sun is the center of our solar system, we must admit that every direction from the sun is up and toward the sun, from any part of the solar system, is down until we reach a point where some other sun holds an equal attraction or gravity, or point where we are near enough a planet or other body where its attraction overcomes the attraction of the sun. Let us illustrate it this way. If our nearest neighbor sun, is exactly the same size as our own sun, then at a point exactly half way between the two it would be down toward either of the suns. We must remember, however, that each atom of expanded matter is so exceedingly small that only gravity would be sensitive enough to measure the half way point or atom, and this point would be continually changing as other suns come in line with either of the other two, thus adding their small influence. Between the earth and sun there would also be a point at which an atom would be equally attracted by the earth and sun. This point would be nearer the earth than the sun, and depend upon their relative weights, which could be found in exact figures if we know the exact weight, of both bodies. Again, this point would be constantly changing as the moon and the planets changed their positions. When the moon was on the opposite side of the earth from the sun, for instance, the point of equal gravity for the earth and sun would be nearer the earth, than if the moon were at right angles with a line from the earth to the sun. The moon is many hundred thousands of miles nearer the earth than this point, no doubt, and, therefore, the earth is down from the moon locally outside of its own circle of attraction, to itself. As we go farther away to the planets which are farther away from the sun this circle of attraction around the planet is larger, because the sun's attraction is less as we leave it in a regular ratio, the same as the diffusion of light. We have no trouble now to understand that, locally, the center of the earth is down, no matter where we are. Our antipodes are standing with their feet towards us, although any man who said so 306 years ago would have been burned

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at the stake, for the glory of God, who supposed He made it flat. Why, then, should we have any difficulty in understanding that the sun is the center of the solar system, and that down is towards it. If, then, we understand this simple fact, we have no difficulty in understanding why a planet moves, as it must by falling back to the sun, where it came from, originally, as gas. There seems to be some next great center, and so much greater that the earth and all the planets turn one of their poles toward it until they reach about the orbit of the planet Venus, when the same pole turns to the sun. This is supposed to be the north pole, but I have never proved this to my own satisfaction yet. Our moon points one of its magnetic poles to the earth, because it has approached to the limit of attraction, and all the moons in the solar system, nearest their planets have done the same. This one fact should show us that they have once been farther away and have fallen towards their center.

THE MUSCLES PUMP THE BLOOD

The old physiologies and text-books of the anatomy of the human body and the bodies of all animals, teach us that the heart is the great engine of the body, which pumps so many tons of blood every twenty-four hours. They teach this regardless of the fact that the heart is not a muscle at all, and is almost as tender as the liver, lungs or kidneys, and can be cooked and eaten, while the muscular parts of the body which really do the work of circulation are tough and gristly. The work of the circulation of the blood is really done by the force of expanding and contracting by heating and cooling, the same as all other motion is forced. When the muscular system forces the blood to come out to where it is needed away from the lungs and centers where it is heated, it immediately begins to cool and is contracted back again to the heat centers. The heart is simply a set of valves regulating its flow. There are plenty of life-forms without any organ of heart whose blood circulates simply by heating and cooling, aided by muscular contraction and relaxation. The sponge has no heart and plants circulate their fluid (blood) by the expansion of the heat of the sun as it returns north and contract it again as the sun goes south and cools it. You can make a simple test of circulation, and the cause of it, on your own account by exerting your muscles. Suppose your right hand is cold; you can easily warm it by causing it to exert power. Open and shut it rapidly, or make the muscles work tensely for a moment or two and the blood comes to the hand and it is warm. The heart had nothing to do with forcing the blood to the hand

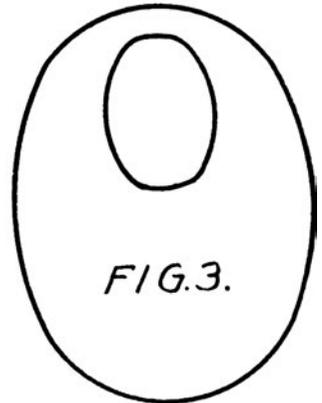
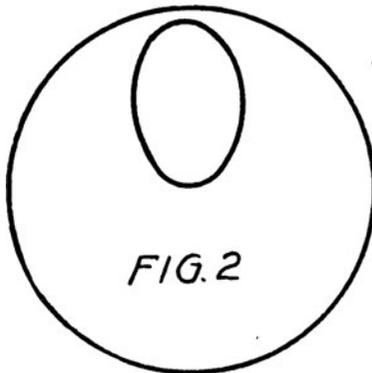
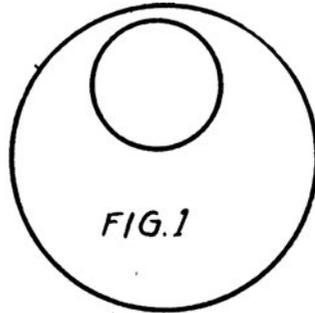
except to allow the blood to pass through its valves. The muscles in the hand did the "engine" work. Suppose your feet are both cold; select one first, and rapidly work the toes, putting all the muscles at work, and it will soon be warm, while the other remains cold. What did the heart have to do with that but to open its valves as the blood was wanted? It is possible for the mind to do this, say by imagining the toes to work rapidly or by hypnotism or by suggestion, but the heart only acts as an automatic agency. I once made a series of experiments to prove that the heart is not the engine of circulation and that the arteries "beat" independent of the heart and independent of each other. We took a subject and hypnotized him. It really made no difference whether he was in a hypnotic state or not, as I learned afterwards, and it was suggested that his right side, arm and leg, be made perfectly tense, all his muscular power be put in them and that his left side be perfectly relaxed or passive. Immediately the right pulse raised to 120 beats, his left went down to 80 and his heart beat at 100. We tried it over many times, changing sides and always with about the same results. I was afraid to publish it at the time, for fear I had been fooled by improper counting, until I had made another series of experiments with instruments to count the pulses while I counted the heart beats myself. Obtaining about the same results, I was, therefore, convinced that the arteries do the beating independent of the heart, as required by the muscles, which are in motion, the heart itself acting something like the governor of a steam engine in not allowing the blood to go through it too fast or too slow. I advise my readers, who want to convince themselves of the truth of this, to commence with the lowest life, say a plant and follow on up through the evolution of its respiration and circulation to man, through the fishes, serpents, toads, etc., to animals, where the heart has four valves and all the blood goes through the heart twice each trip to the lungs, where it is purified and heated, making the animal "warm-blooded."

MORE ABOUT TIDAL ACTION.

By William Plotts.

In reply to critics who questioned my ability to demonstrate a tendency of bodies to elongate in line with each other in connection with their gravity and revolving motions, would say that the tendency of bodies to elongate in line with each other, is a further manifestation of the "flattening at the poles." If, instead of one moon, we had two, which would always be at opposite sides of the earth from each other, there would be no "tidal" action on the earth, except the small

amount caused in connection with the sun, because the center of gravity of the three bodies (the earth and its two satellites) would be the center of the earth, whereas with but the one moon, the center of gravity is obviously at a point between the two bodies, around which they both revolve. Now, the earth being wholly outside of this center of gravity, around which it revolves, the effect on it is the same as if it were a section of the rim of a rotating flattened (at the center) globe, whose center was the center we are considering, bearing in



In the above cuts, Fig 1. represents the perfect sphere at rest, with hypothetical smaller sphere represented in the equatorial rim. Fig. 3 is the same sphere rotating and flattened at the poles with hypothetical sphere elongated in accordance with the laws of gravity and motion.***

mind the oblong spherical form this portion of the imaginary large globe would assume if freed from the local gravity of said imaginary large globe.

If the rotating will cause a globe to flatten, and, consequently the rim to expand, it will likewise cause each portion of it to modify its form in the same order, according to its position in relation to the center of gravity of the whole.

AN ATHEIST COLLEGE

W. H. Kerr, the director of the Church of Humanity, of Great Bend, Kansas, has issued a long circular letter describing a large three-story building in that city which cost between twenty and thirty thousand dollars to build, which can now be bought for \$7000 on reasonable time, which he suggests a suitable building for college purposes for the church. **Higher Science** is opposed to colleges upon the grounds that they cram the head of the student with text-book knowledge, much of which is not true and must be unlearned later, if the person is to be an independent thinker and investigator in the world. What is most needed in the way of instruction is not the teaching and cramming the young mind with what other people think they know, but a systematical method of teaching them to think in the easiest and most rational manner. To be effective, this must begin with the very first thinking that a child does. Text-books should only be used for reference. They are only what other people thought and wrote before us, and are wrong nine times out of ten. If a child is taught how to think and analyze right in the very first thinking he ever does, he will get a much better education during the first thirty years of his life than with any other education he can possibly get from any college in existence at the present time. The present kindergarten training, though, no doubt, far from perfect, is the best possible education in right thinking a child can have, and that can only be given to babies at or near home. Personally, therefore, the editor of this magazine would recommend that any educational work on this line should be kindergarten work in such neighborhoods as can furnish enough scholars to take the time of one teacher. Let each member of the church give his opinion to Mr. Kerr as candidly as above, so that he may make the best decision possible.

CONTINUATION OF LIFE.

I have many friends subscribers of the magazine, who though very often broad-minded and intelligent, are still inclined to believe in some intelligent power of mind back of nature, which operates it and carries our own consciousness on in the sweet by and by, after we have worn out and wrecked our bodies by abusing and mistreating them for many years, until they can no longer digest the food necessary to produce the motions of life or consciousness here below. The principal reason of this lingering belief or hope of intelligence after death appears to be inherited from our original animal ancestors. We do not stop to think, and argue that what has been believed for so long must have some foundation in fact.

It is hard to change text-books, for the reason that they are established by established schools which give diplomas that are based on the knowledge they teach and to find out they are wrong, and teach the truth means that the new teacher will lose his diploma and the influence of the school it represents, thus throwing the new discoverer out of employment, and it thus happens that men will continue to support an old belief long after they find that it is not true. I know personally scores of doctors who still hold to the text-books in their professions after they believe that they are wrong. It is the same with astronomers, geologists, preachers and others. They are afraid to come out and support the truth, even after they have proved it. Evolution is gradually, though slowly, making headway against this fear of antagonism. We may decide for ourselves that there can not possibly be any consciousness after a man is dead, because there is nothing left to make the motion of life, but to teach it is to antagonize the whole mass of humanity who believe it from inheriting the belief. Now, the only way to bring humanity up to a better belief, is to boldly teach the new things we learn, regardless of the consequences. When we learn and teach that death releases us from all possibility of future punishment for mistakes we have made in life, and that we will be at everlasting rest, must certainly increase our happiness and decrease our worry, thus allowing us to live longer and possibly evolve that condition, where we may renew our youth at second childhood and live another and better life, here in human flesh. If that time is ever to come, we must learn to live quietly and without worrying about what will happen after we are dead. The knowledge of what life is, a motion or force of consciousness, will help us more than any other one thing to attain this contented happiness.

OBSCENITY OF CHRIST'S PICTURES

Two weeks ago Dr. Tanner lectured to our Los Angeles Liberal Club upon the subject of "The Origin of the terms Jesus and Christ." Dr. Tanner was the first man in the world who proved that if Jesus Christ ever lived and fasted 40 days in the wilderness, he did not perform a miracle at all. However, he still claims to be a disciple of Jesus, and thinks he was a good man, even though he came into the world with a sword to destroy the family, which is the very foundation of society and morality.

He believes that the name Jesus comes from the name Iesus, which is the name for a person of ancient times who was without sex. He refused to tell us where he found the history which he presented to us, but said it was "dug up." He

says, at that early age and prior to the time Jesus lived, almost all holy men were Iesuses or persons without sex. This may possibly be true in the case of some of them, and should be in the case of all of them who are allowed to visit women at their homes alone, at any and all times. These men who never do any manual labor more fatiguing than to pray, eat fancy food and drink fancy drinks. But I cannot believe that Jesus was an Iesus by reading the Bible history of Him. There were too many Marys and Marthas following after Him for that to be true. A crowd of women do not follow at the heels of an Iesus, shedding tears over his feet and wiping them with their golden tresses. Neither do they pour valuable grease worth 80 pieces of silver over that class of people, for the glory of God. The story falls to pieces of its own weight and is entirely inconsistent with nature. When we go to the records of Him, which were "voted out" by the great committee of bishops, who formulated Christianity for Constantine, we also find abundance of evidence that He was not an Iesus. This covers the time which Mary and poor old Uncle Joseph spent in hiding, after Jesus was born in the calf-shed, until He came back to his native country and gathered his notable "dirty dozen" of idle fishermen, thieves and paupers to raid the country, until the country, for its own good, was compelled to hang Him between other thieves and disband His followers and hangers on, amongst which, you will remember were numerous females. Some of these hung around the cross all night, hoping that He might still come to life. All the pictures I have ever seen of Him, from the babe in the calf-shed and virgin's (?) arms, until He was hung between the thieves, He is represented, not only not an Iesus, but excessively masculine. These pictures are, no doubt, modest and pure, as we find them in all public places, especially churches and in the presence of women. They go without a question through the U. S. mail, whose Catholic Inquisition is too pure (?) to allow the ordinary truth which should be taught, to pass. No, Dr. Tanner, you will have to dig deeper.

A man with no affection in him is lower than the brute, and he who cannot rise above affection is no higher than the brute, for "duty" is the highest order of civilized man, not affection; and affections in man are often more corrupt than they are pure.—Patriarcu. —

All of these women are heavily taxed and yet prevented by law and constitution from vote or voice in the levying and disbursing of these taxes, and even forbidden to cast a ballot for the men who collect and spend their money. And yet this privilege is not denied to a man who pays taxes on a dog.—Womans Tribune.

WHAT IS IT?

I saw an angel flying by,
 And said to him—or it—said I,
 "What sort of poultry may you be?"
 "An angel, ma'am," said it—or he

I asked it, then, "What is your sex?"
 The angel answered, "You perplex
 My mind—no, soul—I have no mind;
 Your meaning I should like defined."

Again, I asked, "How do they speak
 Of you among the hoity clique?
 If you be he, or she or it,
 I long to know which word will fit."

The angel said, "I have no sex;
 I am a Mormon Saint's annex;
 One time I was a Mormon man,
 Now, slave in one Saint's serving clan."

I spoke again, with puzzled frown,
 "I thought the Saints all had a crown
 And subjects from the faithless crew
 Why do they lord it over you?"

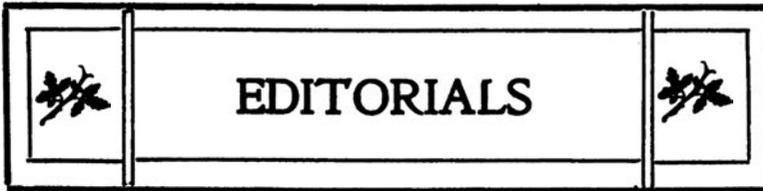
The angel said, "The regal prize
 Is won by matrimonial ties;
 I was defeated in the strife;
 The biggest Saints got every wife."

I looked the angel's plumage o'er,
 And said, "I thought birds had but four
 Extremities, but you have six;
 Has Nature played you any tricks?"

"No," said the bird, "these wings are made
 And soddered to the shoulder blade;
 They are propelled by magic springs
 Cunningly hidden in the wings."

—M. C. Coomer.

When you see a tom-cat with his whiskers full of feathers, do not say
 "canary"—he'll take offense!—Philistine.



Vanity goeth before a fall.

A true Christian is a person who can take a drink of the blood of Jesus, see things for Christ's sake and lie for the glory of God.

The New Life is a 40-page booklet, by O. Leoard, 708 N. 7th Street, St. Louis, which will be very interesting to our socialist readers. Send for it and read it.

God is a word coined to describe a mythical being having no substance but all powerful, who originally created all things. Such a being is an impossibility in nature.

Truth About God is the new name for the Church of Humanity's publication. It is on our table and as bright and full of truth as it was formerly. Be sure and send for a sample.

Last month our exchange, the **Appeal to Reason**, sent out an edition of over 3,000,000 copies from a town of 3000 people, Girard, Kansas. It took several trains of mail cars loaded to their full capacity to carry it to its subscribers.

Temporary Pres. Roosevelt is a race suicider. He believes women should put in their time bearing children, no matter if they do suffer and starve to death, under the present social system of trust advantages. He thinks we need more soldiers, etc.

The Free Thought papers and writers are making it warm for poor old semi-religio Brother Davis, of this town, because of his tame methods of patting the pious on the back and using "persuasion." He seems determined to use the mild methods suggested by God's agents.

The interest at the Los Angeles Club grows from week to week. Now and then an old granny quits because of the five minute criticism after a lecture. This is, however, what keeps up the interest. You can go to church and listen to lies by the score, but you are not allowed to correct them.

The World's Brotherhood, Division of North America, has elected officers for the ensuing year as follows: President, Mrs. Emma A. Abbey; Gen. Supt., J. A. Wilson; Gen. Manager, Maud S. Tour; Vice-Presidents, Laura J. Langton, F. H. Heald, Mary E. Johnston and Lulu M. Gibson.

The Church of Humanity has the chance to purchase a \$34,000 building at Great Bend, Kansas, for \$7000, which would be suitable for a college, which would teach the truth about God, etc. Write W. H. Kerr, temporary Instructor, Great Bend, for his plans and proposition.

A few mornings ago there was a most gorgeous lunar rainbow visible to the denizens of Cliff Dwellers' place, who were so fortunate as to be awake at 4 o'clock A. M. This is not a rare occurrence in the mountains of Southern California, but does not often happen at low altitudes.

We are and have been very busy the past month getting the new third edition of *The Porcession of Planets* ready for the publisher. We hope those who are interested in its new truths will sign one of the contracts for one or more copies. By having these signed contracts we can make the much needed arrangement so that the publisher will take more chances in its success. It is going to be a great book.

How many thousand times will it be necessary for **Higher Science** to show that mind is but the motion of matter, before it is generally understood. A writer in *Culturist* this month occupies about 28,000 ems trying to prove that it is matter and that all matter is mind, when, in fact, it is only the motion of heating and cooling or expanding and contraction of the protoplasm, by what we eat and drink. It has no permanent existence, except so long as it is preserved in written language or remembered by other minds.

The various round bodies, appearing in the blue sky of our front cover, last month, were not the new moons of Jupiter and Saturn, which have been lately discovered, as our readers may have suspected, but are, no doubt, spectroscopic photographs of the inner asteroids, which are the remains of a planet, after it reached such great speed by falling that its own center of gravity was taken away by its centrifugal force, against the gravity of the sun. You will notice that as each cover was printed the spots changed position; this is because they are moving around the sun at various speeds, up to 19 miles per second.

Various commentators are speculating on who will publish the **Blue Grass Blade** when Editor Moore dies. Don't be in a hurry, gentlemen, Mr. Moore is not dead yet, and may outlive J. B. Wilson, Josephine Henry, Mr. Hughes, or any who have been named.

Helen Philbrick writes that she has been compelled to leave Montana, to escape persecution on account of her book, "Aunt Helen's Love Letters," and orders will be delayed a short time. In case the Catholic P. O. authorities succeed in capturing the books, all money will be returned. Some address will still be used.

Mr. T. L. Beebe, of Brooklyn, says:

Last month when H. S. came I said to myself, "now I will send Mr. Herald \$1.00 on subscription," but before I got thru reading it I saw in what straits Mrs Heston was left, so I sent her the last dollar I had. It is the only Freetholder paper I take.***

Mr. Geo. J. Wheeler, an old subscriber of American Falls, Idaho, writes a letter of great encouragement. He says in part:

I am indebted to you for lots of good sound knowledge, and learned more from Higher Science, than any other paper I could have obtained in the whole world. This my honest opinion.***

Speaking of the preacher in Minneapolis whose salary was cut down because the committee thought he was making too much, and who struck, the Adept says:

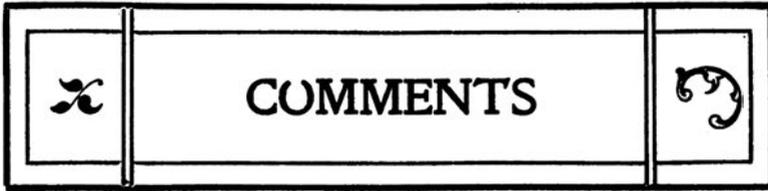
***If there can be a more damnable thing than to scare a person to death by hell fire stories, and then coax him to surrender hard earned money to pay high priced hotel bills, we would like to know what it is.

Walter De Voe, the great (?) mental healer, of Chicago, says in his instructions, "How to Practice Mental Healing:"

If we keep before our mind the beauty and perfection of the character of Jesus Christ, we feel our souls attracted more and more to that divine ideal, until the same love which he had, and has at the present time for humanity will be kindled within us, and we shall know that we are all of one kindred and have but one Father, even God.

This will do for suckers who keep their mental powers for other people to direct, but we would rather die than to be compelled to keep in mind such a disreputable, dunghill character. In some cases the thought of him and his old jealous and angry monster father might cure a man of going out in the dark.

The age of enlightenment will not be here until every church has evolved into a schoolhouse, and every preacher both a teacher and pupil.



No prayer fails of delivery in the heavenly mails because it is overweight.—Ram's Horn.

It is easy enough to deliver one, but where it fails is in being answered. We will give the editor \$1000 for every prayer which has ever been answered. He is a very common and cheap class of liar.

Dr. C. W. Stowe, of Salina, Kansas, writes, after recovering from a three months' sickness, an encouraging letter, in which he says in part:

Higher Science is chuck full of food for thot; the last issue as usual. It is by far the best publication that comes to my table. I manage to read every word when it comes before I let any one else take it. It never remains unread over night. I hope you can succeed in keeping it alive.

Dr. S. S. Soll, of Smithland, Iowa, writes an interesting letter, as follows:

***Enclosed find \$1.00 for extra order for one year's subscription. I highly prize the monthly arrival of your magazine. Its Editorials are always interesting, while its comments are full of wit and instruction. May it long live, or at least ill Rome's forward march to Washington to ocate its seal of Papal Government is checked for all time and Romanism secures such a black eye that it will be forever blinded. That our public schools will be left above and free from Papal societies. Catholicism is today the greatest foe the U. S. has to fear. Unless it is checked, this country will receive the greatest persecution the world has ever saw. Sooner or later Rome will say, "you must believe what we dictate." She dislikes our Government. She scorns reason, despises free press, and hates free-thot. She will take possession of the White House unless a change takes place in the Government.

... The picture of Franklin H. Heald, the editor of Higher Science, is presented as a frontis piece in the November number of Higher Science. Who does not recognize the sterlingworth of the truly masculine type in this picture is a very commonplace observer. This is the picture of a "masculine gentleman," not an "effeminate dude."—Patriarch.

Robert Gunther, the staunch old Liberal German, of Gunther Island, Eureka, California, says:

***I will get ahead of you this year with my Christmas (f) present. ** Well, it will soon be here and what do you think of the farce? It is a heathen custom that would have died out had not Christians adopted it. Yet there are millions of Christians who believe "their Savior" was born

on that day. I wonder what he saved them from? Surely not from committing crime. I never could find any evidence that he ever lived at all. How much better is an average Christian than an ape any how? *** Give my regards to my friend Severance, a man of good parts. ***

No. Christ did not even save them from hell, as he pretended he would. Col. Ingersoll did that by laughing and ridiculing it out of existence. We do not believe, though, that Christmas (?) time will ever cease to be a time of rejoicing and festivities, inasmuch as it is when the sun starts north, bringing seed time and harvest, glad tidings of great joy, etc. The early Christians tried to change its date, but the people would not have it; then they tried to make a solemn and mournful occasion, but that would not work either, as all life feels the joy of nature when the sun starts north after being "three days in hell."

Mr. Burbank does not agree with all the accepted theories of science; it would be strange if he did. living so close to nature as he does. He says, "We can not get the right perspective in science unless we go beyond our senses. A dead, material universe, moved by outside forces, is, itself, highly improbable, but a universe of force alone is probable, but requires great effort to make it conceivable because we must conceive it in the terms of our sense experiences."—Mind.

In other words, Mr. Burbank realizes that matter moves itself by expanding and contracting, by heating and cooling, or by the force within itself and not by the outside force of any jealous and angry god. He did not say, as Mind reports, "we cannot get the right perspective in science, unless we go beyond our senses." Only a god-ridden, superstitious fool would say that; such people, for instance, as write for Mind.

H. Younker, of Fairmont, W. Va., says, when sending for books and H. S.:

***Received with pleasure. Literature describing country not read yet. I intend to go there but it may be nearly a year before I get to Los Angeles. *** For years I have done my best for Free thought, distributing literature, etc., where it will do most good and would be glad to do so for you. ***

Friend Geo. G. Lee, of Roosevelt, Oklahoma, objects to our criticism of what Vanguard said about socialism and Christianity, as follows:

Socialism being a world movement embraces all religious and natures. If we were to advocate any one or more creeds or faiths, we could not have socialism, but would have hell.

So far as an outsider can discover, the Mormons are a quiet, industrious, law-abiding people. Their ideals will average much higher than those of an equal number of Gentiles. They are distressingly healthy and prosperous, and do not seem to be falling off in numbers.—Nantius.

¾

A. G. Descent, of Superior, Wisconsin, says:

This dollar will show you that I am still alive. I remain here in this frigid climate, hugging a chunk of ice, knowing that if my Christian friends tell the truth, I will be a long time where it is very hot. I have no idea father Abraham would send me a drop of cold water if I asked him, and I never would ask him. I am only 76 and think I have plenty of time to make my calling and election sure. I want to be one of those who receive 99 times as much attention in heaven as he that needeth no repentance.

Judge S. D. Parrish, of Richmond, Kentucky, writes:

I am going to have your article on race suicide, printed in other papers. It is splendid,—logical and true. The Natural History scolia are pertinent.I have tested and had tested your suggestion as to the edge of a razor (any keen edged instrument) in a right angle to the Magnetic Meridian. It is all right and should be known by every barber in the land.***

Prof. G. W. Hammer, of Bodie, California is in his 79th year, an old scientist and staunch Freethinker. He writes a kind letter of appreciation, and also says:

I am a graduate of the American College of Sciences, Phila. and practiced for two years with success till my health failed.Am some better now.***I am pleased with Higher Science and will help keep it afloat. ***

Saml. Bertram, of Littlecrab, Tennessee, writes:

I think you are correct as to the cause of motion. I have so much faith in your Procession of Planets theory that I have used it in my school at this place and it "takes" with the thinking part of the school.The churches, one Baptist and the other Methodist have put me out of the teaching business, because of my ideas of science and religion. I am not able to get a glimpse of a personal god. I cannot see any influence in nature that bears the relation of a loving father to his children. We are brought into existence and taken out again by the force in nature but I fail to find any intent or purpose in it.***

One-fourth of the taxpayers in the entire State of California are women. Women have given largely to education. Mrs. Stanford endowed the university which bears her name with \$26,000,000. Mrs. Miranda Lux left \$750,000 for a school of manual training for both sexes. Miss Cora Jane Flood conveyed to the State University property valued at \$1,000,000. Mrs. Phoebe Hearst's donations amount to hundreds of thousands and many names might be added to the list.***

Thousands of women own homes in Los Angeles, who will not be allowed to vote on the question of bonding (mortgaging) them for \$100,000,000.00 for Owens River water (f), while every tramp, who owns not even a clean shirt, can vote for them, and mortgage the homes of honest poor people, for the sake of what he may get out of high wages he hopes it will temporarily produce.

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negroes, poor, sympathetic, ignorant women and little boys:

True, if you have an education, or even ordinary horse sense, you lack that ignorant faith, necessary to make a Christian "sucker" who will take stock in eternal world's beyond.

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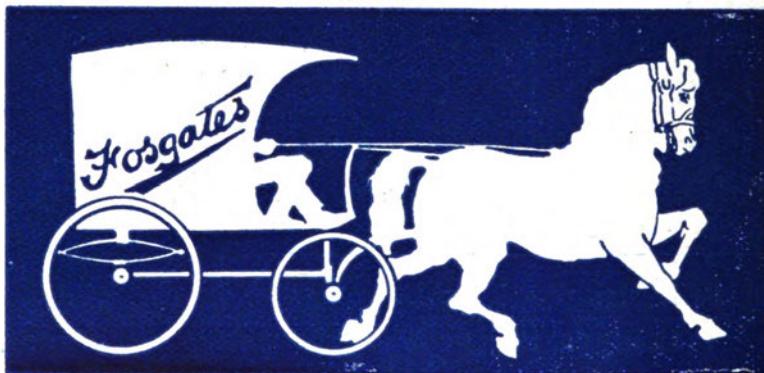
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