

614-5

JUL 25 1906

HIGHER SCIENCE



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

APRIL and MAY 1906

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

ISSUED MONTHLY

Single Copies 10 cents

One Dollar Per Year



LOS ANGELES LIBERAL CLUB meets every Sunday night at Mammoth Hall, 517 South Broadway. Free Platform. The public invited. No question too sacred to be investigated. Admission free. Come early to get a good seat.

Higher Science Will be published monthly, and will endeavor to be of use especially to young people who are at liberty to give unbiased attention to new things that are being discovered and new theories that are being advanced.

It is hoped that those interested in Science, as we all should be, will give their support and assistance to this worthy endeavor.

Single Copies, 10c. One Year, \$1.00.

LIST OF BOOKS AND PAMPHLETS FOR SALE.

Procession of Planets, Theory of the Solar System,	
Leaflet	F. H. Heald .10
Water Not a Bible Beverage, leaflet.....	George T. Bruce .05
Origin of Petroleum, Coal, etc.....	Wm. Platts .25
Royal Road to Wealth.....	C. W. Close, Ph. D. .15
Bible in a Nutshell (when ordered with other goods, 2c).....	.05
Aerial Navigation	A. L. Reynolds .25
Facts Worth Knowing.....	Ingersoll, Washburn, et al. .10
Three Blanks, Petition to Congress for Protection to Women....	.25
Ten Copies of Joseph's Dream.....	Frank Morse .10
Seven Addresses to Ministers of the United States..	Frank Morse .25
Five What Is a Materialist?.....	Eliza M. Bilven .10
Faine's Age of Reason, paper cover.....	.25
The Crimes of Preachers.....	.25
Aunt Helen's Love Letters.....	Helen H. Philbrick .50
All of the above to one address, postage paid.....	\$1.50
All of the above to one address, postage paid, with Higher Science one year	\$2.00

Address **FRANKLIN H. HEALD,**

Box Cor. Amabel and Dayton Ave.

Los Angeles, Cal.

Tel. Main 561

TRADE S. BROS. MARK



Schroeder Bros.

121 E. SECOND ST.,

LOS ANGELES, CAL.

PROGRESSIVE CLUB meets every Sunday afternoon at Symphony Hall. Admission free; good music. Freethot and Reform. Geo. T. Bruce, President; Anna R. Alex, Secretary.

PICTURES IN PASTEL COLORS

Portraits, Landscapes, Genre and Figure. Painting from life, photographs or engravings. Satisfaction guaranteed, both in character and technique. Decorative and patent office designs. Crayon and Charcoal drawing done if desired.

Chas. Watts, Otto Wettstein, J. D. Shaw, Dr. J. L. York, N. Y. Truth-Seeker (D. M. Bennett, portrait), Franklin H. Heald, and many other prominent Freethinkers among former patrons.

East Pasadena.

STURGIS.

N. B.—Mr. Sturgis will start a class in a short time. See or communicate with him for further particulars, prices, etc.

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 Matter

Vol. VI

LOS ANGELES, CAL., APRIL AND MAY, 1906

Nos. 4-5

OPPOSITE TO GRAVITY.

Olandro J. Smith says, in *Balance* of a recent number :

Gravitation, if considered as a force of attraction only, is a force which balances its opposite, repulsion. The attraction of the sun balances the momentum which would otherwise project the earth on a straight line into space. This balance holds the earth steadily in its course around the sun. Opposite forces of attraction and repulsion, centripetence and centrifugence, exist in the world in its greatest and smallest parts, alike in constellations and in atoms. Science is compelled to recognize repulsion as being as universal as attraction. To account for these contrary forces has so far baffled investigation, Newton's great discovery accounting only in part. Science knows only this—that these forces exist, that they meet, offset, neutralize and regulate each other, sometimes mildly or imperceptibly, sometimes violently and with fearful convulsions, and that in their influences, contracts, struggles and wars they hold all things in balance.

For six years I have been teaching the fact that there is a repulsive force in nature, namely, heat ; that it expands matter from the sun as colorless gas and with gravity to bring it back to the sun, is the cause of the ceaseless motion of matter. I also showed this to be a fact in my Procession of Planets 1899, 1900 and 1901. I have also shown that Newton was mistaken in believing that the planets were in balance in space. (See January HIGHER SCIENCE, 1905). They are not balanced but are continually falling towards the sun in their orbits and gaining speed as they fall. As I have shown you often heretofore, they could not move if they were not falling towards the sun, and neither could they gain speed if not falling. It was formerly believed that God in his wisdom was causing them to move and no doubt Newton may have believed it. The time has arrived however, when thinkers cannot believe such nonsense and we must look for a reason why they move at all and why they move faster. Why Mercury moves ten times more swiftly thru space than Neptune and why each planet between the two, move at a speed exactly in proportion to their distance from the sun.

The motions or forces of nature are ballanced in the solar system and universe by heat and gravity, which is indirectly, by expansion of matter up, or swelling up into tens of thousands of times greater bulk by heat and its cooling, contracting and falling again by gravity. They are balanced by the fact that "what goes

up must come down" and we need not worry but that, what does go up will come down again and nothing will come down which did not go up, so that the solar system with its great central sun of fire is a continual round of matter expanded and raised to the belt of nebulous clouds which surround the solar system on the plain of the sun's equator at right angles to the Milky Way. Its balance in this respect is almost perfect; but evidence in the universe points to the fact that suns fall towards each other and by their friction upon each other, destroy their centers of gravity and that the immense heat which they generate expands them (assisted by their immense speed or centrifugal force) to the same points they occupied when they first began to fall around and towards each other, and at this point begin to reform their respective solar systems which goes on and on until they fall together and separate *ad in fantum*. The same balance of heat and gravity holds good on the earth's system of "what goes up must come down," in the solar system, in the Bennery systems and in every other system, forever and ever.

CHRISTMAS DAY.

There can be no doubt in the mind of a student of the Procession of Planets, that Christmas day is the first day of the year or was originally and should be now. It is the day that the sun starts north, bringing spring time and harvest and glad tidings of great joy. It is the day when the new year actually begins and was the great yearly event of sun worship ages ago. Why then, you ask, has new year's day fallen a week later than Christmas day. This is easily understood if we realize that the earth is shortening her orbit and gaining speed say only a few seconds in a year. In time this must be corrected and by measuring time, new year reaches more and more ahead. The time measured year is longer than the real year because the orbit of the real year is not only shorter, but the earth's speed is continually faster as it falls towards the sun. Since the first chronicle or writing the earth's orbit has been shortened 8,820,000 miles. Christmas day never changes because it is the day that the sun (apparently) starts on its return trip north and must happen at a certain point in the earth's orbit and not at the same time as measured last year or any other former year. As long as the north pole of the earth points to the north star, the sun will (apparently) start north at exactly the same point in the earth's orbit tho the time of an orbit in days, might only be half as many. In correcting the year once in many centuries the astronomers, not realizing that the earth travels around the sun in shorter orbits, have evidently placed the time of the new year's day in advance, as a day measured by time would place it, until it is now seven days beyond or coming seven days later than the true time.

The fact that the earth and all other planets are gradually falling to the sun is proved in a number of ways. The first proof is the law of gravity which must draw them nearer the sun; the second proof is, in the mathematical ratio in their position out or up from the sun in space, and their mathematical increase of speed on their orbits as we find them nearer to the sun. The third proof is that we observe a regular evolution of adaptability from Neptune to Mercury. A fourth proof is that the moons of a planet obey the same comparative ratio in their distance and speed as they near and fall upon their planets. The fact that the year must be corrected every few centurys is also proof and there are many others as set forth in theory of a Procession of Planets.

The north pole of the earth always points to the polar star no matter on what part of its orbit, therefore the beginning of a new year will always be the time when the earth passes the point in its orbit when the north end will be increasing in light and therefore new year's day can not be kept established by measurement of time unless we first learn how much time we gain in each orbit.

GUESSING ABOUT MARS.

Professor W. H. Pickering, corroborating the conclusions of the Lowell Observatory staff, says of the Martian snows, in a recent number of *Popular Astronomy*, that ice probably begins to form at both poles of Mars during the month of April. The North Pole he believed to be turned toward the earth at an angle of from ten to thirteen degrees during the month when the northern ice was melting rapidly in the continuous sunshine. He predicted that the poles would appear either a pure white, a light yellow or a bright and vivid green, the first indicating hoar frost or snow, the second clouds and the third, at least in part, vegetation. During the present opposition—a term used to describe the period when the earth is between the sun and Mars, the latter receiving the full sunlight and giving us the advantage of looking away from the sun while we observe the planet—the greens over a considerable portion of the planet are visible even through smaller telescopes.

Although titled a sea, the region in question is very probably land covered with vegetation of some sort. The Hourglass Sea is in the Southern Hemisphere, and as this region of Mars has recently turned toward us the change in its appearance has only now attracted the attention of astronomers.

The snows that glittered on the disk of Mars
Have melted, and the fierce and fiery orb
Rolls in the crimson summer of its year—*Times*.

The Professor must mean that it turns one pole to the sun this April and the other next April, as it could hardly turn them both the same way at the same time, and the year at Mars is almost two of our years. They are not, however, just two years, but 687 days or 53 days short of two years, so that if one pole was winter in April this year, the other pole would be pointing to the sun long before April next year or about the 8th of February, and would gain more and more every year. If these great seas are indeed vast meadows of green, it would seem strange that the planet

should have such a bright red color no matter in what position we see it. We never see but the light side of Mars because our orbit is between it and the sun; one pole for nearly a year and then the other, therefore we have but a spring and summer view. This view would hardly change much away up there where the sunlight is less than one-fifth that which we enjoy, if the planet itself were not very much hotter than the earth. We know that here on the earth where the sun is five times as hot, the ice and snow of the poles never do entirely melt. The poles of Mars are inclined but a trifle more than ours, therefore, something besides the sun must furnish Mars with heat, in order to get rid of a whole twelve months snow in a few weeks of very moderately warm weather.

NEBULAE IS NOT GAS.

In a long article on the subject of suns in the *Scientific American*, Dr. Edgar L. Larkin, of Mt. Lowe observatory, says many things which are along the line of the theory of a Procession of Planets, but swamps at last as follows:

* * * Many thousands of cases of binary suns are catalogued. These are where two suns revolve around their common center of gravity, usually in greatly elongated orbits. Planets with organic life could not exist in revolution around either. The animals would be burned to a crisp when the two suns were near each other, or frozen solid when far apart. The nebulae are enormous masses of gas seen in all parts of space. * * *

Upon second thought the Doctor will admit that every sun in the vast universe must be in some binary system composed of two or more suns falling around each other in orbits, approaching each other and gaining speed in exactly the same ratio with which planets approach our sun and moons approach their planets. Around our sun we have the nine planets (including the belt of asteroids) in a regular ratio of increasing speed as we find them nearer the sun.

Neptune which is nearly three billion miles from the sun and which is undoubtedly the newest or youngest of our solar system, travels but a quarter of a million miles per day, while Mercury, which is the nearest to the sun, has gained by falling a speed ten times as great or two and a half million miles per day. Jupiter has seven moons and they are (in proportion to their size) going thru exactly the same process of procession to Jupiter and gaining speed in the same ratio as the planets are in falling to the sun. It is a law of force that our sun must fall towards the nearest sun (Alpha Centura) and that that sun must fall towards our sun. They do not fall in a direct line because the matter they were made of, had motion which gave them orbits. There is not a body in the great universe which travels in a straight line because it could not, having originated in motion. Even a comet has some orbit.

The Doctor thinks that we would be frozen solid when the two binary suns were far apart, as for instance, our sun and Alpha

Centura are now, but I cannot see why we need two suns to keep us warm, or if we did need both, why they should burn us into a crisp. The fact is, we have but one now and when we get as near Alpha Centura as we are to Sol, all the outside planets will have been demolished.

The Doctor also mistakes Nebulae for gas. Gas cannot be seen at all and when it can be seen it is no longer gas, but ponderable matter or crystallized particles of gas, each one having an orbit, around the body from which it came and to which it must fall back either alone or as a part of a planet or satellite which it helps make. There seems to be an old time falacy that there are patches of "red hot gas" in space, but no one has ever said why there could be or what would heat it. It is a condition of the mind something like god. There is nothing to make or cause it and therefore an impossibility in nature. The most of the so-called nebulae can be dissolved into suns by larger telescopes, but the real nebulae belong to our own solar system and lays outside of the orbit of Neptune on the plane of the sun's equator.

ELIJAH THE PROFIT.*

By H. H. Dow.

This much born man, Elijah, is first heard of in 1st Kings, 17th chapter, about 910 years before Christ. Then in 2nd Kings, 2nd chapter, we read how he got in the track of a whirlwind or something of the kind and it hoisted him we suppose. He was hoisted 896 years before Christ, having been a prophet 14 years. The next we hear about him is in the book of Malachi. God told Malachi he was going to send Elijah again, not a substitute as some ministers claim. This was 397 years B. C., or 499 years after his first death. Then turn to the 17th chapter of Matthew, 10th to 13th verses. Here he is called Elias, which means Elijah. Here we are supposed to have Christ's own words for it, that Elijah had come and they had beheaded him. Again St. Mark, 9th chapter, 11th, 12th and 13th verses. Here again is Christ's own words for it—that Elijah had come, etc. It seems that neither Luke or John had heard Christ tell his second birth story. Now it was about 890 years between Elijah's first death and his second birth. And between his second death and his third birth (now called Dowie) was about 1811 years. I would be delighted to have some preacher or Catholic priest *unravel* or explain this heathenish mess of sophism. What fools we mortals are to believe these foolish lies.

Pasadena, Cal.

*Note.—Please do not overlook the fact that this way of spelling prophet is simply a joke on Dowie, who is now very common.

LET YOUR ANSWER BE A "NO"!

By A. F. STOWE.

Shall memory ope' the book of fate
 And o'er the past no mercy show,
 And bring remorse for spite and hate?
 Let the answer be a "No!"

Shall Time the wrongs of past reveal
 And souls for e'er an anguish feel,
 With pangs of sorrow, grief and woe?
 Both Love and Mercy answer "No!"

Will Love and Hope forever die,
 And Peace and Joy go passing by
 Because we e'ered down here below?
 They all will answer with a "No!"

Who made the awful Gods of past
 That smote with vengeance thick and fast
 On us poor mortals here below?
 Did Justice, Love and Wisdom? "No!"

Who made the thoughts of dark despair
 That drove a mind to foolish prayer
 That answer was a deeper woe?
 What father thus would love bestow?

'Twas superstition made the lot
 With slavish creeds and priestly rot;
 But Reason knocks their fancy low
 And anught is left to live and grow.

As I of deeper wisdom drink
 I yet somehow do seem to think
 The seed we sow will surely grow
 'Though much of truth we'll never know.

Los Angeles.

Jer. ix: 17: * * * Consider ye and call for the mourning women,
 that they may come * * * and let them make haste, and take up the
 wailing for us * * * for I will punish them that dwell in the land of
 Egypt as I have punished Jerusalem, by the sword, by the famine and by
 the pestilence.—*God.*

HOW BOODLERS INTIMIDATE.

Doubtless there will be a howl from the knockers, who have been trying to kill the Owens River enterprise and put an end to the growth of Los Angeles by silly and malicious attacks upon every one connected with the work of saving this part of Southern California from possible drought and disaster. Those impossible persons will break into a chorus of denunciation of the new board for giving even implied approval to the Eaton-Mulholland plan, and there will be subtle knocking from other quarters, for selfish motives, but it would be weakness to give heed to noisy howlers or scheming whisperers.

The solid citizenship of Los Angeles is behind the Board of Public Works and the Water Commissioners, and they need no other backing or approval of their course.—*Los Angeles Herald*.

The above malicious falsehood shows that this misleading and lying newspaper has been bought in to help try and rob the people of Los Angeles of anywhere from \$25,000,000 to \$100,000,000, to be divided amongst the most shameless and notorious gang of thieves, grafters and blood-suckers that ever managed to hang on to a living carcass. There is not one single real estate owner in or near Los Angeles in favor of this bare-faced Owens River steal, unless he has been bought, or is in some way "fixed" so that his "graft" will more than pay his taxes. People who know the Owens River country know that during a series of dry years it is about the first of all the deserts to dry up. During a wet winter it has deep snows on the north side of the range, which melt and furnish water thru the following season, but when there is only a little snow during a dry time there is not much snow to melt. The desert side of the mountain range has not much water-shed, and the snows that pile up there during a few dry winters, only lasts thru the first warm spell of a dry summer.

These lying Los Angeles news(?) papers which are bought up to help work this gigantic robbery of the taxpayers, who own their own homes, would have us think that the desert side of the mountains at Owens Valley is a never-failing source of water supply, notwithstanding the fact that there are many years when there is scarcely a green shrub in Owens Valley.

One would think, to read their malicious misrepresentations, that Owens Valley should be one of the best watered valleys in the world, with water to spare for millions of acres, hundreds of miles away during great drowths, when it is, in fact, not able to supply vegetable, animal or human life during a series of dry years. Old settlers in this country know that every few years all the live stock of that country either dies of starvation or is driven north, where there is feed to spare.

True, there are a few old scheming bankers backing this robbery for boodle. They are men notorious for their inhumanity,

who will enforce any kind of advantage they can secure over their fellow men, by any kind of fraud they can devise.

Los Angeles is not lacking in this class of cold-blooded vampires. They expect to get enough of the stolen millions to more than make up their extra taxes. Bankers can, and it is well known easily do, dodge their honest taxes, and the taxes on the mortgages they hold, while the owners of homes must foot the extra bills.

There is hope, however, that their scheme will miscarry, as the taxpayers who are to be robbed are organizing secretly and providing a fighting fund. In case the vote carries, it will be fought thru all the courts. Tramps and non-property owning voters will be challenged in every precinct, and the constitutionality of the tramp vote will be tested in the case of mortgaging homes of hard-working people and the homes of widowed women who have no voice in protecting themselves and orphan children against this herd of irresponsible and temporary citizens (?), hired thugs, thieves and conscienceless boodlers. It is one of the most astonishing and deplorable truths, and outside of humanity would be a wonder, how far these shameless thieves, their hired newspapers and purchased workers will unblushingly carry their methods to intimidate the honest taxpayer against defending his rights., The favorite method is to buy in the newspapers to call him a knocker, and, strange to say, it usually works after he sees it corroborated by all the news(?)papers, all the tramp voters and the dishonorable leading bankers who are in the scheme. The consummation of this gigantic scheme would bankrupt and ruin Los Angeles, great as it is, and it would be so dead that these bankers, railroad magnates, Rockefellers, etc., would foreclose and take possession in a very short time after the bonds began to draw their large interest.

The fact is, they will use the tramp vote to carry the bonds, buy them in (which is already provided for), take the contracts for 75 per cent more than the work cost, bring on "hard times" and get the most of this country for taxes, after the owners of homes have been starved out.

Did any of my readers ever figure up the total of forty-year bonds drawing 7 per cent interest and compound quarterly? If not, suppose you do so and send in the answer.

Our dear-heavenly-father has got in his work at San Francisco—killing some 1000 people and leaving 300,000 homeless, just to show the rest of us what he can do, when he gets "jealous and angry." The fool mayor of Stockton, who was visiting here at the time, sent a telegram to the San Francisco mayor to "trust in god," but it did not stop any one's hunger or thirst.



EDITORIALS

Nature forces its own laws on the lines of least resistance.

If man had a double stomach, with a kicking apparatus for withdrawing the cud from his "inner being," he would then be fixed so that he could make of himself a successful vegetarian.

The End of the World is a wonderful little book by Dr. M. Wilhelm Meyer, published by Chas. H. Kerr & Co., Chicago. It is in many ways along the line of the Procession of Planets theory of the motion of matter.

The Equitise is a new magazine from Pasadena which is a bright and handsome representative of fairness between people. Prof. J. N. Vail, famous for his Annual Theory of the earth's formation, is the editor of the Scientific portion. It is not a superstitious magazine; is edited by Warren E. Brokaw. One dollar per year. Station A.

The degrading and immoral doctrine of vicarious atonement is about to have a set back in northern Mississippi. The white trash down there, who live on clay, have struck, and say they will no longer support a scheme that gives a negro rape fiend, who is burned at a stake, ninety-nine times as much notice as a cracker, who has never missed an opportunity to see things for Christ's sake and lie for the glory of God.

It is to be hoped the time is rapidly approaching when the froth and scum of society, who require the entertainment of charity-fed "sky pilots" will not only be required to pay their own taxes like honest people; but that they will also be fined and punished whenever apprehended in the act of practicing canabalism, by pretending to eat the body of and suuck the blood of Jesus Christ, their great high priest who was said to have been born in a calfshead under rather doubtful circumstances, to say the least.

The Star, a lying sheet, published at Pasadena, quotes what we said last month of Chinese methods of punishing missionaries for proselyting their children and accuses HIGHER SCIENCE of teaching anarchy, freelove "and about everything else which is in accordance with existing things." Its lying editor then says it almost warrants censorship in the post office department. If the

department required a newspaper to tell the truth, the *Star* would never pass. This fellow probably "sees things for Christ's sake and lies for the glory of God."

The H. H. Dow Cancer Remedy Co. of 588 S. Hill street, is one of the great blessings to humanity and is saving many lives as well as much suffering from the knives of experimenting butchers of human beings, who fight any attempt to cure superfluous growth, other than by carving the victim into various parts.

Notwithstanding all that is said by pious fools against public lynching, it is often the only remedy the people have against crime. There is no doubt but that if they would occasionally include a judge in their list, fewer would be required. Justice (?) has come to such a pass that it is only dealt out according to the graft a man or ring hold and the person who goes to law without first having a pull or hiring a lawyer with a pull, is very foolish indeed.

HIGHER SCIENCE would rather kill a thousand bears, a million dogs, clouds of quails, pigeons and pheasants, and even a herd of "beautiful mild-eyed gazells," than to tell one lie to deceive a little innocent helpless human child. The old long-haired men and short-haired, long-nosed women, who are so closely related to god-almighty that they are to good to eat meat, will never hesitate to lie to a child and teach it superstition, instead of truth. Some of them are simply ignorant suckers, but many are malicious meddling hypocrites who represent the flaming swords, which stand between humanity and the tree of knowledge.

The United States government has become so corrupt that postage stamps will not stick as they did in the good old times.

The Millennial Dawn, a religious book, on page 163, gives the following prison statistics for England, 1873:

Population by Religious Professions.

Roman Catholics	1,500,000
Church of England	6,993,900
Protestants and other creeds	7,234,158
Infidels and Atheists	7,000,000

Proportion in Prison.

Roman Catholics, one in every	40
Church of England, one in every	72
Protestants, etc., one in every	166
Infidels and Atheists, one in every	20,000



COMMENTS

Do not pay for anything in Los Angeles or Southern California until you get it, because if you do, you will never get it without great trouble and expense. This country is known far and wide as the stronghold of shameless thieves. A year ago the editor had occasion to have a pick sharpened. The universal price for sharpening a pick is 10 cents, but the rascals who did the work charged fifty-five cents, because they had it in their possession. As it is not worth that much money they still have it, and now threaten to bring suit to collect the fifty-five cents as they have a "pull" on the judge. If you are compelled to leave property to be fixed it will be better to require safe bonds or the price of the property in cash to be held in trust till the property is repaired and returned.

Exodus xxii: 18: Thou shalt not suffer a witch to live.—*God*.

At a recent meeting of the Consumers' League in New York, Mrs. Frederick Nathan, president of the organization, related the following: "We reported the toilet room in a building devoted to the manufacture of Bibles, for its unsanitary and indecent condition. The Board of Health called the proprietor to book, and he took his revenge by discharging the girl who had told the conditions, forcing her to confess by threatening the discharge the entire number of suspected girls."—*The Unionist*.

This incident serves well to illustrate the extent to which christianity has made a mockery of commercialism.

The following is some of the Comstockism of a couple of centuries ago as advocated "for the glory of god." Fortunately the grand old Wm. Penn and his people did not fall into the hands of this government agent of god. Now if we could cremate Comstock the world would move some faster.

"To the Aged and Beloved John Higginson:—There be now at sea a ship (for our friend Elias Holcroft of London did advise me by the last packet that it would be some time in August) called the Welcome, which has aboard it a hundred or more hereticks and malignants called Quakers, with William Penn, the scamp, at the head of them. The general court has accordingly given secret orders to Master Malachi Hexett of the brig Porpoise to waylay said Welcome as near the end of Cod as may be and make captives of this Penn and his ungodly crew, so that the Lord may be glorified and not mocked on the soil of this new country with the heathen worshippes of these people. Much spoil may be made by selling the whole lot to Barbadoes, where slaves fetch good prices in rumme and sugar, and we shall not only do the Lord great service by punishing the wicked, but shall make great gayne (gain) for His ministers and people. Yours in the bonds of Christ.—*Cotton Mather*.

Dr. Tilden, the genius of the *Stuffed Club* of Denver, tells of a child that professionally murdered by the licensed followers of text book knowledge, called M. D.'s. He says:

* * * The child died, so the doctor said, and it was placed in the spare room to wait for morning and the undertaker. Much to their astonishment they found the child alive in the morning, and of course much better; they sent in a hurry call for the doctor; he came and decided he must get "nourishment" into it. At once he passed a rubber tube thru its nose down the esophagus and into the stomach, thru which he poured "niurnshment"; this of course put out the little spark of life that was reviving. The only opportunity the child had from the beginning of its illness to the end, to escape the doctor and nurse, with their drugs and "nourishment" was when they thot it dead. Then it was put in a well-aired room, all annoyance removed where nature could work unmolested. The weather being warm, the child did not suffer from cold, and the night air and quiet was restoring it. ** *

Here is a sample of the latest christian idea of Hell. It is from *Hopkin's Body of Divinity*, Vol. 2, page 253.

* * * God will render a future separation of the body and mind impossible, and can so form the body that it shall continue in full life and with quick sense in the hottest fire that can be imagined or exist, through endless ages. God will strengthen and uphold the bodies of the wicked in suffering torments and make them strong to bear punishment.

Of late years most people to whom I speak of the so much talked future, Hell, say, oh, it's all bosh; no preacher talks of the future hell nowadays.—*Thots of the Hour.*

A dear old pious and ignorant lady (who has known the editor since babyland) of Pasadena, (our suburb towards the mountains, noted for its bad quality of prohibition liquor—writes a long mournful letter to us, after having read a copy of HIGHER SCIENCE. Traveling, as she is, in the old ruts of Quaker idolatry, our candid truth about sacred (sec-red) things is more than she can digest and evidently she wonders why we are not struck dead by this old Jew monster god, who had no qualms about braining millions of the innocent little first-born children against the door posts of their homes, in a single night; or "saving only the maidens alive" in battle against innocent people, to throw to his brutal soldiers. Well it does seem strange that he is afraid of us, when it is remembered that we can scarcely walk across the room any more. She says in her kind imbecility:

I am constrained to say to thee, the Lord has waited long and patiently at the door of thy heart, 'till his locks are white with the dew of night, that he may gain entrance, to sup with thee and thee with him, etc.

Perhaps he would be satisfied and retire, if we would give him a hand-out of something to eat. We feel a little caution however, about doing this, judging by the way his self-appointed agents hang around at meal times, where there are ignorant women who are always ready to give the last bite which belongs to their children, to these charity-fed brutes.

Lydia L. Lamb of Dryden, Mich., says of *Aunt Helen's Love Letters*

* * * I am very much pleased to receive them, and immediately want all my friends to have them, so when I have read them again, I will establish a sort of traveling library, having them read and sent to others. Oh, but she expresses the burning heart feelings of two-thirds of the entire race of womankind. Why will they not acknowledge it, as she does, and rise up against the chains that bind them in slavery? * * * I trust my son is in Los Angeles now, and at the Liberal Club occasionally, as I would be if there. * * *

Beauty is the tone of God's thought,—the loving beauty of himself uttered through his speech.—*Grail*.

There is no god and there is no beauty, sense or rational thot in the above false teaching. In the first place no one but Moses ever saw him to judge of his beauty, and Moses was such an old Jew liar that we could not believe him under oath, any way he only claimed to have seen a very undesirable part.

The man who is moral but not religious, is the most exemplary character in any community, for he is moral from the dictates of his conscience and does not need the influence of any church to give him a reputable standing in the community. * * * —*Patriarch*.

Oscar Vogt of Lundy, Cal., one of our first subscribers who has kept strictly up with the true motions of matter, shows the impossibility of a creator, as follows:

* * * If God is the author of creation, he must have existed before creation, and if he really did exist before creation, he must have had composition and a place of existence. His composition must have been of the material or materials which existed before creation, which was nothing, and he must have existed in the part or parts which existed before creation, which was nowhere. Summed up, it shows clearly that God, the creator of the universe, was composed of nothing and existed nowhere.

This is good proof to preachers, priests and negros. * * * I have adopted your processional theory for two reasons; first, it is in harmony with evolution, is really the evolution of the planets, and shows that life is possible in but one portion of the solar system. * * * Second, it shows how nature works without any god, and that none is needed. * * *

Unity teaches that the Bible is alive with truths hidden to the natural mind, but understood by the spiritual mind. Each month the International Sunday School Lessons for the month are given and explained in the light of that understanding which reveals the spiritual meaning of these Scripture Lessons.—*Unity*.

If there are any live truths in the Bible they must be "hidden to a natural mind" and only understood to such ignorant, thick-skulled people as darkies, some women, small boys and people who can see things for Christ's sake and lie for the glory of God.

Barnesville, Ohio.

Dear Mr. Heald:—

A sufficient indisposition to prevent steady work has furnished me with the long-coveted opportunity to read your valuable work, *The Procession of the Planets*; and, believe me, my enjoyment of the time spent in its perusal was shadowed only by a regret that I had not read it before. I have gone over parts of the work twice—and over some as much as three times—to be certain that I had a clear conception of your ideas; and I do assure you that I have found the theory quite satisfactory. Now, the "Nebular Hypothesis," as far as my understanding of it went, seemed plausible enough save for two reasons, viz: It necessitates a beginning and an end of the Solar System; and then the question arises, "Where did the Nebula come from?" But your theory, or rather your explanation that the matter which the Sun throws out in the form of light and heat, electricity, is condensed in the extreme outer regions of his influence and gradually recollected and carried back to its source by the force of gravity—thus forming of our Solar System, a vast, self-existent, mechanical entity which never had beginning and will never end; is the most reasonable, beautiful, and satisfying conception of the subject, which I have ever read. And, too, the theory may reasonably be applied to every other solar system that helps to make up the *Universe*—the sum total of the Cosmos of which we cannot conceive a limit in either time or space. Truly, I am ready to pin my faith to the theory of *The Procession of the Planets*. I have long been ashamed of the fact that I am not familiar with our Prof. Vail's "Annular" theory; and I shall now be more anxious than ever to have an opportunity of reading his work, hoping to find you and him sustaining each other. You will notice that I say "our Prof. Vail"; and be it known to you that a Barnesville woman is proud of the fact that Isaac N. Vail was once—if not originally—a Barnesville man.

Some time last summer I received a copy of *HIGHER SCIENCE* in which you offered some real estate for sale; and though I have no hope of ever being able to reach one of those lots, I have wondered if you could not tell me whether or not one might find a cheap lot on which to build a cheap home in your locality. Would you please send me a city paper which might throw light upon the cost of a home and a living in, or near, your place? When circumstances will permit, I would like to take up my residence in a milder climate.

Thanking you for the pleasure your book has given me, I am

Cordially yours,

LOU LAWRENCE.

Margaret Graham, the fake medium who has been interceding between spirits of space and the fools of Los Angeles, has been arrested for fraud and taken back to Texas for trial. The *Herald* says of her:

* * * Her whole earning capacity consisted in a smooth air, a slick manner, a glib tongue, and an atmosphere of mystery. * * *

While we admit she is a fraud and if a man, should be punished, yet she is not a whit worse than every lying charity-fed preacher and priest, all of whom lie to, beg of and deceive their dupes for money. A priest who pretends to intercede with any god, by praying for rain or asking for any other special favors should be prosecuted, imprisoned and punished the same as any other criminal who defrauds, robs or otherwise procures money under false pretenses.

NOTES AND QUERIES—A magazine of Science, Ancient lore, curious history and mathematical propositions. This magazine should be in the hands of all lovers of the quaint and ancient. One dollar per year. C. S. Gould, editor and proprietor, Manchester, N. H.

THE SEARCHLIGHT—A fearless Free Thought magazine. Published monthly, ten cents per copy, one dollar per year. One of the most radical Liberal papers published in the United States. J. D. Shaw, editor and proprietor, Waco, Texas.

SECULAR THOUGHT—A semi-monthly journal of rational criticism in politics, science and religion. Ten cents per copy, two dollars per annum. This is the leading Liberal magazine in Canada, and is in its thirty-second volume. J. S. Ellis, editor; C. M. Ellis, business manager, 1850 Queen St. W., Toronto, Can.

LOWERY'S CLAIM is devoted to truth, humor, justice and is published monthly at Nelson, B. C., Canada. It is sent post-paid to any part of the world for one dollar per year. Address R. T. Lowery, editor and financier, Nelson, B. C., Can.

THE EXAMINER of Paris, Texas, is a first-class bi-monthly Freethot paper of eight pages. It is radical and tells many a truth that displeases the followers of the mythical stories of the so-called Holy Bible. It is only 25 cents a year, in advance. It will pay you to send for a sample copy and then subscribe.

TOMORROW—An artistic magazine, well printed on artistic magazine, well printed on excellent paper, with beautiful cover, in colors. Send 10 cents for a sample copy; \$1.00 per year. The Tomorrow Publishing Co., Box 960, Station M, Cincinnati, Ohio.

VACCINATION—A journal of health, justice and liberty that tells the truth about vaccination. It is published monthly, and only 25 cents per year. Send for it now to Frank D. Blue, Kokomo, Indiana.

A STUFFED CLUB—If you have never tried up-to-date thinking or living, give it a trial; it won't hurt you and may do you good. *A Stuffed Club* is an exponent of better thinking and better living. Send for a sample copy to 19 East Eleventh Ave., Denver, Colo.

VANGUARD—A high class monthly. A leading exponent of Constructive and Rational religion; 50 cents a year; try it Special offer to readers of this magazine: We will send the *Vanguard* one year for 25 cents if you send at once. Address 344 Sixth St., Milwaukee, Wis.

AUNT HELEN'S LOVE LETTERS

*A Most Radical Plea for Freedom, Education and
Truth.*

Explanation to Children, to Mother, to our
Temporary Servant at Washington
and to others.

DO NOT MISS READING IT

It was written by a much abused woman, who breathing the freedom of the broad West, refuses to be still and see her child taught all kinds of religious trash instead of Science.



Send 50c for a Copy of this 50 Page
Double Column Book

To

HELEN H. PHILBRICK

Forsyth,

- - - - -

Montana.

J. F. HOLBROOK

MANUFACTURER OF

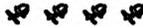
**Harry's Patent Corrugated
Cyanide, Oil and
Water Tanks**

310-315 REQUENA STREET

All Kinds of Galvanized Iron Work
Complete Outfits for Oil Refining
Galvanized Irrigating Pipe
Corrugated Roofing made to order

PHONES
Sunset Red 3811
Home 4784
LOS ANGELES, CAL.

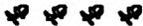
EMIL J. LIND



MERCHANT TAILOR



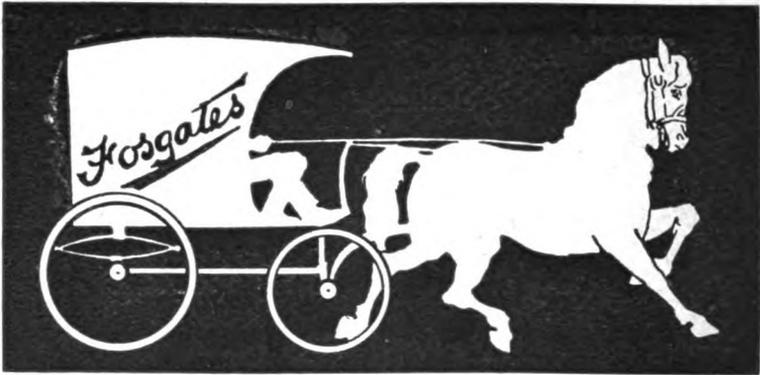
All work Guaranteed to fit



Prices very moderate ✂ Nothing but the
best materials used. ✂ ✂ Trade
from professional and
business men
Solicited.

Give Him a Trial.

1519 Georgia St.
Next to Corner 16th



DELIVERING

PURE CANDIES

Our Candies are Made to be Eaten
449 S. BROADWAY **LOS ANGELES, CAL.**

THE H. H. DOW CANCER REMEDY COMPANY

508 SOUTH HILL ST. LOS ANGELES, CAL.

This remedy is 39 years old. We are able to convince you of its curative qualities before treatment is begun. No knife is used and there is no loss of blood. References given to former patients. No charge for consultation. Our cancer booklet is a valuable treatise upon the disease. Write for it. We mail it without charge.

The H. H. Dow Cancer Remedy is NOT a plaster nor an injection. It does NOT leave a scar. It is NOT taken internally. It does NOT contain arsenic. It is NOT used by any people in the world save the H. H. Dow Cancer Remedy Company.

DR. H. S. HANSBERGER,

Home Phone 4551

V. P. and Manager

Sunset Black 6276