

OCT 28 1905

5:9

HIGHER SCIENCE



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

SEPTEMBER 1905

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

ISSUED MONTHLY
 SINGLE COPIES TEN CENTS - - - - ONE DOLLAR PER YEAR

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
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 Joseph's Dream	Frank Morse	10
Seven Address to Ministers of the United States....	Frank Morse	.25
Five What is a Materialist?.....	Eliza M. Bliven	10
Paine's Age of Reason, paper cover25
The Crimes of Preachers25
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 & Dayton Ave.

Los Angeles, Cal.

J. F. HOLBROOK MANUFACTURER
OF _____

HARRY'S PATENT CORRUGATED TANKS

CYANIDE, OIL AND WATER TANKS

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

310-315 REQUENA ST.
Tel. Red 3814; Home 4784
Los Angeles, Cal.

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.

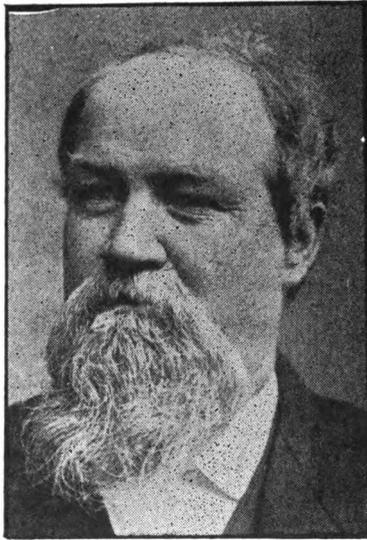
Chas. Watts, Otto Wettstein, J. D. Shaw, Dr. J. L. York, N. Y. Truth-Seeker (D. M. Bennett portrait) and many other prominent Freethinkers among former patrons.

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.

1871



H. H. DOW

HIGHER SCIENCE

OF THE MOTION OF MATTER

Issued monthly at Cor. Amabell & Dayton Ave.

FRANKLIN H. HEALD, Editor and Proprietor

Entered at the Postoffice at Los Angeles as Second Class Matter

Vol. V. Los Angeles, Cal., September, 1905 No. 9

HEAVENLY BODIES APPROACH THE SUN

The great reluctance with which scientists whose minds have been steeped with the old religious conceptions, accept the legitimate deductions arising from even their own researches, is well illustrated by the admission of the late great astronomer, Gen. O. M. Mitchell, in his book, "Planetary and Stellar Worlds." When treating of comets and referring to the theory that they, in common with all the planets and satellites, are gradually getting nearer the sun on account of a retardation of their orbital speed, due to the resistance of the all-pervading ether, he says:

"I confess, frankly, that my own mind has always revolted against the doctrine of a resisting fluid. There are so many ways in which the single phenomenon of the gradual approach of Encke's comet to the sun may be accounted for, without resorting to a hypothesis which involves the entire destruction of the planetary system, whose perpetuity has been so effectually provided for by the great Architect of the Universe, that it would require the most unequivocal testimony to secure the full consent of my own mind to the adoption of this remarkable theory. It is proper, however, to say that it has long been received with favor by men to whose judgment I am generally disposed to yield with implicit confidence."—*Beacon*.

Their orbital speed is not retarded, but on the contrary their speed is increased. Mercury travels ten times faster than Neptune and the reason is that it is gradually falling to the sun, in an orbit. We get the semi-religious idea that god made it and then gave it a big throw, or kick, out into space, and it has never stopped since. The fact is very simple, that they could not possibly move or continue to move, if they were not falling. They go up from the sun as invisible gas and after condensing into solid matter gather into bodies and fall back to the sun. The resisting (?) medium thru which they fall back is the invisible gas of matter swelled up or enlarged by the sun's heat. This gas leaves the sun with the greatest motion at the sun's equator which gives it an orbital motion the same as it always keeps, even as the planets come back. All space is filled with this invisible matter and it is lighter as we go up from the sun, the same as air is lighter as we go up from the earth. If there was a place in the universe where there is no gas of matter, we could not see the other suns, inasmuch as light, heat, or any other force could not travel thru an absolute vacuum.

WATER FOR LOS ANGELES

There is at the present time a great hue and cry going up in every part of Southern California about the shortage of water and more especially in the vicinity of the Angel City. This is the same old story and song which has been sung for the thirty years last past, within my own personal memory, and yet we have always had all we have needed and millions or billions of gallons to give to the breweries with which to make what they call beer. Certainly, as our great country and city grows, we will need more and more water with which to keep clean, make beer and raise oranges and fruit for visitors to admire, but we need not cross any of these booga-boo bridges, until we come to them. There is now a wild scheme to spend tens of millions of the people's hard-earned dollars, to bring water over the deserts for hundreds of miles from a small watershed, which never yet filled a little like, eight miles wide and eighteen miles long, and which goes almost dry at the end of a series of dry years. Before we do this let us take time to do a little thinking and make a few rational figures. For instance we need water the most, when there is the least, which would be when the Owens lake is the lowest and the north side of Mt. Whitney almost bare of snow. We know that for ten or twelve years after one of our twenty-two year floods there is abundance of water and would be for millions of people in Los Angeles county; then what we must provide for is but about two or three months of eight or ten dry years out of twenty-two. That would be but sixteen months out of every twenty-two years when we are in any danger of drying up.

Next the water comes originally from the ocean and it is but twenty miles from our city and only 200 or 300 feet below us. Now suppose we should dig a well 2300 feet deep, we know that it would at once fill to the sea level mark. The pressure of the water at the bottom of the well would be more than 800 pounds on every square inch from the sea or from wherever the most water is located. If it is higher than the sea, the pressure is greater, but 800 pounds pressure on a square inch will force water thru cast iron and it will force it for miles thru soil or rock and not only that, but it will take out all the impurities at the same time. Now it is self-evident that we can dig a hole one-fourth of a mile deep much cheaper than to build the same sized hole 300 miles across a desert and we can, with our cheap oil, pump it a few hundred feet up, for sixteen months in twenty-two years, cheaper than we can pay tax on thirty million dollars' worth of bonds all the time.

Before we mortgage our children's future (which we have no right to do), let us take a little time by the forelock and have somebody figure the difference of cost. Of course I realize that

it might interfere with some well planned boodle trusts and grafts, tho it might save a lot of money with which to build good roads, but I will not admit that water would not come from the sea to such a hole with a pressure of half a ton on every square inch. Mr. Hatfield may fail to take all the water we need from the great sea where thousands of tons are hourly passing over us, but if the great floods come this winter, we will have at least twelve years to think, figure and experiment, therefore let us remember that there is sometimes "luck in leisure."

WHY WE GROW

When I came to this country many years ago, a young man, at the very beginning of the "Indiana Colony," now Pasadena, I soon became aware of the fact that the country as a producer of fruit, vegetables, and other growths is a failure. Our fruit is a failure, not for the lack of abundance of water with which to irrigate, but on account of our cool nights and hot sunshine during the day. The skin of all our fruits and vegetables are thick and tough and the delicious flavors which belong to hot nights and a milder sun are absent. This being the truth, it may as well be admitted. As I have often said to you, "the truth can not injure anything but fraud or hypocrisy. Of course, I believed at that time, which was almost thirty years ago, that the country being an agricultural and horticultural failure, would, of course, be a failure altogether. But as year after year rolled around and the country continued to grow, and greater and greater hotels were built and filled with visitors and as better homes with smaller grounds were built and occupied by well-to-do people, who could afford to live here without work, the truth dawned upon me that the very fact that made our cool nights and skin-thickening sunshine and destroyed the value of our products would make the country the great health and pleasure resort of the United States. The very fact that a person can be comfortable when the sun is beating down upon him and can sleep soundly after a hot summer day is the reason that people who can afford such luxury are bound to live here. No person can possibly enjoy sleep during a "corn-growing" night in any of the great corn states and after he has amassed a fortune and lost his health growing corn, he will surely end his days in this glorious country if he knows of it. It has taken thirty years for the few thousand who live here now to find out that it is the best climate in the United States, if not in the world, but these thousands are spreading the news every year until our city is growing at an enormous rate and almost doubling each year. Our great cry was formerly, "not enough back country." It was supposed that no city could grow without a back country. Now we find that the whole United States is the back country of our little Southwest coast. If one man could take

care of 160 acres here as he can in the East, it would not take many people to fill this little corner and there would not be enough back country to build a city half as large as Los Angeles is now. If one man could make a living growing twenty acres of lima beans, there would still not be enough back country to support a city; but fortunately beans, like all other products, have skins so thick and tough that they are almost like a second pod and are worthless. I say fortunately, because if our beans are worthless then it takes more men to occupy the ground that one man might have occupied. There are two products that are a success here on some ground. One is the olive and the other is the lemon. These, and especially the lemon, require to be picked every day in order that no seeds ripen on the tree and one man's work is required the year around on about six trees. There is almost no limit to the fruit a half a dozen trees will produce, if they are picked before the seeds ripen as they never quit trying to produce seed and thus millions of people could work in our immediate back country, provided we needed producers. But we do not need them. Our people have been, are, and always will be the rich who come here to end a successful life in peace and happiness, together with the people they must hire to work for them.

A PERFECT MAN

Some one has a lot to say in the *Examiner* of a recent date, about how a perfect man should measure and look and then gives the picture of a fellow with his hair parted in the middle. As only the bust is in sight it would follow that he wears a petticoat and is therefore more of a woman than a man. It occurs to me, that the way to arrive at the truth of what constitutes a perfect man, in this fourth century of the era of man (E. M. 305), is not to take the ideals and imaginations of a love-lorn maiden, or the insane ravings of a poet, but rather the required measurements and family records of a first-class life insurance company, who do business on the basis of truth, for the money there is in it. We may hoot at the idea of a money basis for a perfect manhood, but just the same we know that it is "money that makes the mare go." A man may look and be like the poetical pictures of Jesus Christ and yet be turned down by the *Conservative Life* when his record shows that he was born in a calf shed and is of uncertain parentage. Adonis was over seven feet tall, but the perfect man, according to life insurance companies, is but five feet eight and one-half inches high, and is otherwise proportioned, so that he has energy enough to keep clean and make a living without being an object of charity, at the hands of women or ravens. We must admit that the little Japanese are better men and pass better examinations, have better health, stand more hardships and live longer than the bulky, misshapen Russian

Christians who have more than they want to do, to stay at home and make an honest living at work. One of the first requirements to form a perfect compact man is exercise, both of body and brain and let us therefore come out of our trance and improve some. If we do not, Luther Burbank will re-organize a cabbage some of these fine days, who will take the conceit out of the rest of us.

'TIS NATURE'S WAY

By A. F. STOWE

The thought of progress of today
 Tomorrow is a passing dream,
 The God, so great, to whom we pray
 Is naught when future rays will gleam.

The law that uses ne'er a throne
 Smiles both upon the curse and praise
 And ne'er a soul was ever known
 To thwart it in its ways.

The bird can soar into the sky;
 Nature provides a simple way.
 The snake upon the ground must lie,
 To fly the law will answer nay.

The tiny little bug has place
 And moves along in Nature's way.
 And e-en the greatest orbs in space
 Do all this mighty law obey.

In midst of Nature's wondrous store
 We stand aghast, our minds aglow
 And on the myst'ry ponder o'er
 The hand that formed no one can show.

We call it God, Jehovah, Bail,
 Or Jah, or Omm; we seem to see
 The list somehow is sure to fail
 To hit the spot where all agree.

It seems should we begin to learn
 That o'er each part the whole must reign
 All silly trash we'll quickly burn
 And use God's name no more in vain.

Behold the yon bright orb of day
 His ways are fixed like yours and mine,
 As moved upon so must he shine
 A law supreme he must obey.

Los Angeles, Cal.

INCREASE SPEED AS THEY APPROACH IN REGULAR RATIO

Suppose a planet were to be placed so that it would have a time of two years. Its distance from the sun would be 1.6 that of the earth. Why? Because to get the time doubled we would have to take the square root of 4, and to get the distance the cube root of the same number, 4. If you wish to be very exact, the cube root is 1.589, but 1.6 is near enough for all ordinary work. If you wanted to find out the distance of a planet revolving in six months you would divide the earth's distance by 1.6. In proportion you get any time or distance you may desire with absolute accuracy. The distance of any planet from the sun gives its time, or its time gives its distance—when that of any of the others is known. This law applies throughout the universe, in everything and everywhere. It is not a law of orbital revolution alone, but a law of all motion.—*Notes and Queries.*

The reason is because there are only two causes for motion, one is cooling (gravity or falling), and the other is heating (swelling by heat or raising from the center to which it must fall back). No heavenly body could move if it were already at the center from which it came and to which it must return. If you will follow the above law it will prove that there is a procession of worlds and all matter always on the way to the sun in a regular ratio of increasing speed and a regular procession of suns in Binary systems, towards each other in the universe. It could not be otherwise unless we depend upon the old worn-out and almost abandoned idea of a jealous and angry god, to keep them in motion. No scientist ever believed the god stories of hypocrites, who live by lies and no person believes these stories now, except the very low and ignorant. Nature does not need the help or hinderance of gods and Devils and no political party can hope to succeed in doing what is right until they drop all such "humbugs." There is no mind or intelligence in the working of nature; if there was, it would change its mind, when it had different food and nature would change. But it never changes. Mind is the most and only unstable thing in nature, because it is the effect of certain motions upon the protoplasm of a living organism. Let us then drop the notion that any god operates nature and remember that it operates itself by heating and cooling.

SMALL THINGS

There are many things that seem small and unimportant which come up every day, and we pass them by unthinkingly, when we might just as well put on our thinking caps and solve the problems once for all if we would only get into the habit. For an example, one of my friends, who is a barber, said to me one day, "Mr. Heald, I will give you \$500 if you will tell me why my razors do not all keep sharp when I sharpen them and lay them

away. Most of them are dull when I want them, and others that have the \$500 ready; why is it?"

I told him I would find out and let him know later and to have the \$500 ready. Of course, I was not expecting to get the cash, but I was interested in what he said about his razors and determined to find the cause. I knew if what he said was true there was a simple reason and it would only take a little thought and experimenting to find out. I therefore examined my own razor with a microscope and found the edge to be covered with teeth as we have all heard they are. I then sharpened it carefully until it was extra sharp and found the teeth to be much longer and sharper. Then it occurred to me that I would lay the edge towards the north magnetic pole so that the magnetic force would pull from the razor and found at the end of that week the razor was even sharper than when I laid it away. I then layed it with the back towards the north and found at the end of the next week that the edge was dull and the microscope showed that the teeth were short and smoothed, something like having been polished. I then borrowed a few razors and by continuing these experiments found that the magnetic attraction of the north magnetic pole for the steel of the fine edge of the razor actually draws it into a finer and sharper edge when it is laid away with the edge to the north and draw it back towards the razor when it is laid the other way. So great is this unnoticed motion that I scarcely have to sharpen my razor on a strop at all and never swear at my friends for having used it. This is one of the thousands of little things which we may learn that will help us to be contented and happy as we grow older, provided we are not too lazy to wonder and think and imagine. Just because barbers have always laid their razors away in any haphazard direction for all former time, does not prove that it is correct, any more than ancient fear of what we do not understand, proves that there is a god ready to murder us and burn us up forever if we fail to crawl before him on our knees in the dirt. It is only because we are too lazy or negligent to think individually.

H. H. DOW

H. H. Dow, of Pasadena, whose portrait is our frontispiece this month, is the gentleman who has been recently prosecuted and persecuted for treating the dreadful disease of cancer without the use of knife and the operating table. He was born on the 23d day of September, 1835, in Bennington county, Vermont, and was married on Christmas day (the day when the sun starts north, bringing glad tidings of great joy, springtime, harvest, etc.). In the winter of 1865-6 he discovered his great remedy, in the use of which he has removed hundreds of cancers and tumors. In speaking of his recent troubles he says in part in an open letter to the public:

* * * I was arrested May 8th for saving people from death by the slow, loathsome, life-taking cancer. On June 1st I was fined one hundred dollars, after pleading guilty to a technical violation of an unjust class-made law, but denying having committed any crime whatever, except it be a crime to save human life.

It seems this medical combine is afraid I will kill or injure some one by using my remedy to cure cancers or tumors. I wish to state for the benefit of the common people (not the medical trust) that I have used this remedy for thirty-nine years, and have cured many hundreds of cancers and other tumors in that time on many hundreds of people, and have never harmed a single person. Seven-tenths of the profession who have practiced ten years cannot say as much. Examine the hospital records for their records. I do not profess to cure all malignant cancers, for that would be a preposterous claim, but I cure all external cancers that are within the bounds of reason.

Why do they arrest me for doing good, and no harm whatever? It seems to me they might, with the same propriety, go to Long Beach and other seaside resorts and arrest and fine every one who saves a person from drowning. Or is it more contemptible and villainous to save people from the slow death by cancer than from a quick, easy death by drowning? I ask my medical enemies to point to one solitary person that I have injured.

Now as to my remedy and how I came by it: I discovered it by study, research and by experimenting on diseased animals, not human beings. Some of my enemies of the medical profession of Pasadena say I never cured a cancer—can't cure a cancer, etc. Shame on a man who professes to be a learned gentleman and a leading light in the medical profession who stoops to such a lying insinuation. Let me refer to just a few cases that the medical profession of Pasadena and other cities have pronounced cancers, and failed to cure, and that I have cured.

I wish to refer you to Doctor L. L. Benson, a practitioner of twenty years, at 363 Ashtabula street, Pasadena, California, who had two malignant cancers, one under and to the left of left eye, the other to right side of nose and lower part of upper jaw. These had been treated for more than a year by the X-Ray Professor and other leading doctors, who failed. After a long time he came to me and I took them both out in a few days. I invite my enemies and traducers to see HIM.

Then there is one William Walker, living in room No. 6, over the Postoffice, who had cancer in corner of left eye and nose. A certain M. D. of Pasadena, who is very proficient in wielding the knife, took it out, but inside of two months it came back and I had the pleasure of taking it out again, and today it is all right.

Mrs. E. P. Jones, of 128 South Chester street, had cancer of the tongue. Four doctors of Pasadena saw it, three said it was something of a malignant nature, and one said he did not know. Two advised X-Ray, one the knife, and the other said, "Try Dow." Through the advice of friends she called me, and I cured her.

I will also refer the eminent M. D.'s to the case of Mrs. J. E. Wilson, of 200 South Holliston street, Pasadena. She had cancer of the ear and was treated as follows by doctors in San Francisco, California: They cut the cancer out twice, but it came back again and they treated it with X-Rays for six months, ruined the tissues of the ear, but did not cure the cancer. Then these wise M. D.'s of knife and X-Rays fame advised her to change climate to cure her cancer! I ask, how is that for ignorance or villainy? As though climate would cure a cancer. She, too, came to me and was cured.

I wish to refer also to George Wilson, 122 Mary street, Pasadena, who had cancer near right eye and had it cut out by an M. D. of Pasadena. In a few months he came to me and I removed it with scarcely a scar.

Also Mrs. Sharpless of Whittier, California—knife used and I cured her. Also John McCarty, 267 Winona avenue, Pasadena, who had cancer of nose and cheek. First cut out by the eminent surgeon, Dr. Bell of Chicago, Ill. In a short time it was cut out again by a cancer specialist, Dr. Parks of Chicago, Ill., and in a short time it was removed again with the knife by the renowned Doctors, Lee & Murphy, of Chicago, Ill. Then Mrs. Dr. Brown, also of Chicago, took it out with the plaster. I removed it for all time, and he, too, sings the praise of Dow and his remedy.

Now, if the knife and X-Ray are great panaceas for cancer, why, I ask, did they not cure Doctor Flourney of Pasadena, who lived at 677 Winona avenue, a practitioner of forty years, who X-Rayed a long time, then knifed, then more X-Ray, then knife again, then X-Rayed again, but who finally died in great agony on May 29th. But enough of this; I could cite the readers to many, many more cases, but these are sufficient.

I only ask a few thousand dollars for my remedy, but these medical cormorants will never get my formula without the cash. They say to me, "Give your cure to the medical profession to benefit the world." Shall I give my remedy that I got by study and research to the doctors to get rich off, while I go to the poorhouse the rest of my days?

In conclusion I wish to say, I was convicted and fined one hundred dollars on June 1, 1905, so I shall now have to cease using my remedy on any one until the people of California see to it that the preset unjust medical practice law is repealed or modified, and will have to let those suffering with cancer die as they have heretofore done, as I cannot afford to pay fines or go to jail in my old age. * * *

The editor of this magazine was formerly disfigured by two large warts upon his cheek, which Mr. Dow removed, root and branch, in three days. The remedy left no mark or scar and gave no pain. It was done two years ago and no sign of coming back has ever appeared. Since Mr. Dow wrote the above letter he has sold the formula of his remedy to an incorporated company of physicians in Los Angeles, known as The H. H. Dow Cancer Remedy Co. The beneficent work of relieving suffering caused by this great human curse will be carried on by these physicians who are located on the second floor of the Mason Building in this city.

IN THE TRANSLATION

By MRS. M. COOMER

King Jove was approached by "the Father of Lies" (?)

Who said to the "Lord of Creation" (?)

Please explain why it is so many folks prize

Holy writ, much of which is very unwise

And leads to dispute and vexation?

God answered, 'Tis because thye can make

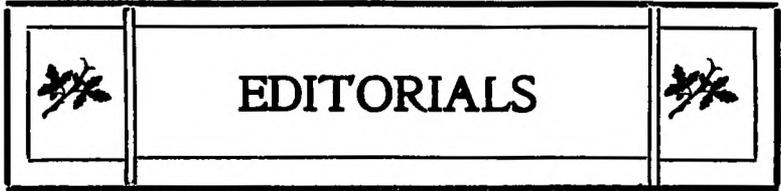
What they please of any transaction;

To sanction their views they can pick out and take,

Or change, and their version can be no mistake,

If they twist in a proper translation.

All mental scientists will be pleased to read the decision of the U. S. Supreme Court of Appeals, made in New Orleans lately, in the Helen Wilmans case. Under the federal law, it is decided that mental science healers have the same rights to heal as medical, miracle and knife healers.



The goody-goody people who want dogs treated like human beings will treat their own and other children like dogs and yet call themselves humane.

Religion is that particular development of individual insanity, by which a person measures his relations and duties to imagined beings which only exist by faith.

How a dog-kisser can set up the claim of being "humane," is one of the things "past finding out." The human brute who will kiss a dog, is nastier and dirtier than the dog.

The only time Moses and Aaron beat the Egyptian magicians in doing miracles, was when Moses turned the dust into lice by taking off his shirt and shaking it in the presence of the Lord.

Chile and Peru have erected a monument on their boundary line 14,000 feet above the sea. On its summit is a statute of J. Christ, the fellow who is said to have been born in a stable, without any father (in sight) and who came into the world to bring a sword (not peace) and to divide the family against itself. The only symbol that can be drawn, is never ending war between the two ignorant nations.

The rottenest magazine we have seen yet is called "*The Nation's Book* (meaning the bible) *In the Nation's Schools.*" It advocates the reading of this vile old collection of obscene literature to our innocent children—which teaches them all kinds of drunkenness, polygamy, laziness and every other crime in the calendar. We can never have a clean wholesome government, as long as there is a copy of this nasty book in existence.

The women are "bellyaching" (bible talk) considerably about the respect recently paid to the remains of our first and greatest admiral, John Paul Jones, who was a staunch friend of Thos. Paine, who was not a "dirty, little Atheist," as reported by President Roosevelt. Paine was decent, large and clean. He was not a lousy tramp, born in a calf-shed, without a father, and was not hung between thieves, for the good of his country as Jesus Christ was hung and he was not a cowboy like Roosevelt.

There are a great many people who cannot tell a lie from a joke. The further we have evolved from our English ancestors the easier it is to recognize the difference. An Englishman would naturally consider this a lie.

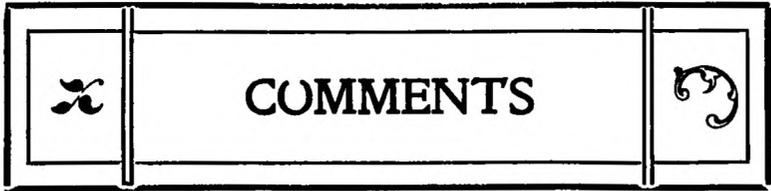
We are sorry to notice that dozens of the Lord's sheepherders are committing all kinds of crimes every week. These fellows usually commit crimes against women and little girls and it is high time that some radical steps were taken to prevent them. In proportion to their numbers, they are 205,000 times more dangerous than negroes.

A friend of humanity reports that the widow of Watson Heston, the great freethot cartoonist, is sick and destitute. It seems a shame that this noble woman must die in want when dogs are worth \$15,000 each. Shame on a "Humane Society" which spends time crying, slobbering over and kissing dogs. Let dogs kiss each other if they will and let human beings take care of their unfortunate ones, who, when they were able, never failed to do their duty and more.

A recent trip to Mt. Lowe with a couple of friends from St. Louis was a revelation to the editor. We made the return trip from "Ye Alpine Tavern" at night and the lights of a hundred cities and towns in the counties below was an impression never to be forgotten. We looked at Saturn thru Dr. Larkin's big telescope and watched the great bar of light from the largest electric lantern in the world. Do not miss that trip. One look at Saturn is worth the cost of five trips. At this time we can see thru the rings of Saturn, which only happens once in twenty-eight years.

In the Bible we read: "When the knowledge of the Lord shall cover the earth, as the waters cover the sea, none shall hurt or destroy in all my holy mountain." In view of this truth we must come to the conclusion that the knowledge of the Lord is absent wherever killing and cruelty are practiced. And why is this so? Because the power that is Life is God. And to kill or to hurt anything is evidence that he who does this does not realize that the living form he injures is God manifest.—*Universal Rep.*

I am now trying to make arrangements to publish the New Procession of Planets and to have it ready to deliver on or before January 1st. Altho I have about 200 orders, I will want \$1000 more in order to get out a reasonable sized edition. Therefore, if any others will want it, now is the time to do the most good by making it known. It may be possible that the Cliff-Dwellers' Place may help me out by that time, but if so, the price of the book will be the same.



Vaccination keeps smallpox alive. It is the vaccinated who always first get smallpox in epidemics.—*Vaccination* (Kokomo, Ind.).

A. O. Skarsten of Minnewauken, N. Dakota, sends subscription for third year and says.

* * * I am very much interested in your Procession of Planets and wish you to put my name on your list for the new edition when out. * * * I find your writings very interesting. They contain, in my judgment, much wisdom, logic and common sense, and hope you may long continue. * * *

Speaking of their special insane dog-work in Mexico, the dog-paper, *Our Dumb Animals*, says:

* * * It is also a pleasure to us to know that it is recognized there, as elsewhere, that on the platform of humanity Catholics and Protestants can work together in harmony. * * *

Our society is now striving to unite all religious and political parties on one platform, for the purpose of carrying a humane literature and education into all the schools of the country, and thus not only insure the protection of animals, but also the prevention of crime, unnecessary wars, and forms of violence. When the leading minds of all nations shall act together on this subject, and the nations shall be humanely educated, wars between nations will end. * * *

In that case they had better drop the inhuman brutes, Jesus Christ and god out of sight, as no honest and intelligent man or woman can stomach such characters. There is no history of a murdering and waring monster, so black as the history of god and even the intelligent Presbyterians are asking that his history be either rewritten or denied.

Deut. xxxii: 22: They have provoked me to anger. * * * For a fire is kindled in mine anger, and shall burn unto the lowest hell, and shall consume the earth with her increase. * * * I will heap mischief upon them; I will spend mine arrows upon them. They shall be burnt with hunger, and devoured with burning heat. * * * I will also send the teeth of beasts upon them, with the poison of serpents of the dust.—*God*.

Surely the fittest will ever survive, no matter what idle dreamers attempt. There is no more virtue in the prohibitionist declaring that the drinking man shall not drink than there would be for the drinking man to declare that the prohibitionist should drink. Cumtux?—*Patriarch*.

The only way to increase the temperate use of liquor is to make liquor free of tax penalties so that the saloon would not pay.

Roosevelt wants big battleships—wants to beat the world. Russia was once considered the most powerful nation on earth and boasted of its prowess. It butted its nose against the pigmy Japanese and its big navy went to pieces.—*Appeal to Reason*.

A few cheap submarines will whip and sink the largest battleship in the world. Let us fill our harbors with them.

A long article on Socialism in August 12 *Truth Seeker* says:

The god of the ruling class is the "god of gold," and the commands of Jehovah and Jesus are as dead in the world of commerce as are the oracles of ancient Rome. * * *

Until society ceases to pay so high a premium on hypocrisy there will be no dearth of religious humbugs.

Jehova and Jesus Christ always were dead and neither of them ever lived and there will always be a surplus of religious humbugs as long as there are ignorant dupes to support them, to see things for Christ's sake and lie for the glory of god.

The class of men who modestly appropriate to themselves the title of thinkers, appear to exercise their mental powers very largely in accusing others of ignorance and blind bigotry. We hear a great deal about freedom of thought, when in some cases the situation would be more accurately described by the phrase, "freedom from thought." If we were a nation of sceptics, we might be as brilliant as our French neighbors and learn to hurry to execution everyone who did not endorse our views.—*Nation's Book*.

We notice that the ignorant bigots who live by charity dare not deny that they are ignorant and are bigots and thieves. Their principal god was a low-born tramp and thief, who had no father, wife or child, was uneducated and an anarchist who was hung between thieves, to show the contempt the good people of that time had for lazy wretches who would not work for an honest living, but stole and begged what honest people raised.

Romans xiv: 5: One man esteemeth one day above another; another may esteemeth every day alike; let every man be fully persuaded in his own mind.—*Jesus Christ*.

The man or woman whose life is lived honestly and openly will find forgiveness for any kind of fault, for the world will see him exactly as he is, will see the motives, as well as the appearances of his acts. * * * —*Nautilus*.

The world may recognize his value a few hundred years after he is dead, but there will always be fools occupying by chance, positions of a little brief authority, ready to call him a "filthy little atheist" and others to applaud.

If faith blinded us against all reason we would accept Adam and Eve as the first inhabitants in the world, but progression has killed Faith and we cannot accept Bible history. * * * —*Occasional One*.

The following sacred message was no doubt intended for the

Salvation Army, and people who dedicate buildings, lay corner-stones, etc.:

Matt. vi: 2, 5, 6: Do not sound a trumpet before thee, as the Hypocrits do * * * and when thou prayest thou shalt not be as the Hypocrits, for they love to pray standing in the corners of the streets, that they may be seen of men. But when thou prayest, enter into thy closet and shut thy door. * * * —*Jesus Christ.*

Upon the same subject of "What Method Best," in liberal work, Harry Hoover, of Carnegie, Pa., once said, in a discussion with T. B. Workman in the *Freethinkers'* magazine:

* * * Can it be that a professed reformer is guilty of following the strange god Expediency,—practicing policy at the expense of principle? It would seem so, for he advises the army of progress to appropriate the fortress of the enemy, and calls it "good strategy." Or, in other words, he advises us to join the church, pretend that we are religious, and then reform the church from the inside. * * * Even if we attempt to act upon the advice to secularize religion, we would find it utterly impossible. You cannot make a silk purse out of a sow's ear. Calling a rattlesnake a hummingbird does not change the nature of the reptile, and calling religion "the religion of humanity" will not humanize or civilize the monster.

In a Referendum on the liquor question recently submitted to the voters in Los Angeles, the proposition to prohibit licensing saloons was defeated by a large majority. The defeat is ascribed to two causes—the use of money sent down by the liquor interests of San Francisco, and the fact that temperance people did not become enthused over the measure because it was so framed that it did not prohibit the sale of liquors in hotels, restaurants and clubs. If this made friends of temperance less ardent it is a great pity, because the proposed law would have outlawed the saloon and killed its influence in politics. Whether people drink wine and whiskey or do not is a question of health, economy and good sense, but whether or not the saloon shall continue to be the controlling factor in American politics is a matter that touches the very heart and life of the nation, and which ought to arouse every patriot to help throw off the incubus that has fastened itself upon the country, bleeding it at every pore and binding it at every nerve and sinew.—*Woman's Tribune.*

The defeat was because the sensible voters of this city decline to be "bossed" by a lot of half-witted religious W. C. T. U. cranks, who helped bring the curse of saloons upon the people by making the price of liquor high enough so that saloons will pay. What a pity they have not intelligence enough to see their wrong and that their sons are made drunkards and their daughters Chinatown denizens, by the fault of their own religious mothers, who are the dupes and slaves of men who are too lazy to work for an honest living.

Matt xii: 28: But if I cast out devils by the spirit of god, then the kingdom of god is come unto you.—*Jesus Christ.*

Rev. xiv: 10: The same shall drink of the wine of the wrath of God * * * and he shall be tormented with fire and brimstone in the presence of the holy (?) angels and in the presence of the lamb

(mutton head); and the smoke of their torment ascendeth up forever and ver; and they have no rest, day or night. * * * —*God* (by his Angel).

The old lying and drunken hypocrite who told this yarn seems to have forgotten for the moment the absence of day and night in hell or heaven.

Many a man sets out for Immortality and reaches Oblivion; but he may find the road more pleasant and he may be just as happy when he reaches his destination.—*News* (E. Los. A.)

Christianity is the embodiment of the gag law. Jesus declares: "*Believe or be damned!*" There is not a sentence in any language out of Hades more atrocious than this. It was never uttered by a God, but is the bantling of priestly bigotry and malice—*Examiner*, Paris, Texas.

In the bible we read: "When the knowledge of the Lord shall cover the earth, as the waters cover the sea, none shall hurt or destroy in all my holy mountain." In view of this truth we must come to the conclusion that the knowledge of the Lord is absent wherever killing and cruelty are practiced. And why is this so? Because the power that is Life is God. And to kill or to hurt anything is evidence that he who does this does not realize that the living form he injures is God manifest.—*Universal Rep.*

This is a deliberate misrepresentation by the editor if he has intelligence enough to read and has ever read the Bible. He cannot open that vile book without finding accounts of where "the Lord" killed and murdered and in most cases innocent persons—women, children and maidens. Shame upon a low-born cur who will publish a paper and fill it with lies to protect the character of this chief of all murderers and monsters, Jehova, the Jew God.

Man will learn that it is wrong to worship a lying God, a cursing God, a woman enslaving God, a sorrow inflicting God. * * *—*Thoughts of the Hour.*

Science as well as theology teaches that evil tendencies and diseases are inherited, but science does not charge this to the act of a spiteful and jealous God. And here is one case where science is better than bible-made religion.—*Ingersoll Beacon.*

I delivered thee (David) out of the hand of Saul, and I gave thee thy master's house and thy master's wives into thy bosom.—*God.*

THE CHURCH of Humanity teaches that God, Satan and Holy Ghost are fabulous beings; Heaven and Hell are myths, and Life is extinguished forever at death. Send 10c for a year trial subscription for its organ, *The Christian Educator*. W. H. Kerr, Great Bend, Kan.

SEND ten cents and stamp to Mrs. Lottie Heston, Carthage, Mo., for a beautiful portrait of the great Freethot cartoonist, Watson Heston. This portrait should be framed and placed upon the wall of every Liberal and Freethinker in the world.

HOME-SEEKERS, ATTENTION!

THE CLIFF DWELLER'S PLACE

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

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

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

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

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

"BEST OF THEM ALL!"

THE VANGUARD

A High-Class Monthly. A Leading Exponent of

Constructive Socialism and Rational Religion

No matter what other periodicals you take
you still need "THE VANGUARD."

It is Vigorous, Fearless, Interesting, unique, and is doing splendid service in the cause of humanity.

"Every article in it is a gem," says the Toledo Independent.

"The warmest magazine that comes our way," says the Socialist Voice.

50 CENTS A YEAR. TRY IT.

SPECIAL OFFER. To readers of this advertisement we will send "THE VANGUARD" one year for only 25 Cents. Order at once.

Address: The Vanguard, 344 Sixth St., Milwaukee, Wis.

Wonderful Book--ANTHROPOGRAPHY

of the Four Nations and Forty-eight Tribes that descended from Abraham (Gen. 17). I have discovered the fixed law or seal (Rev. 7) of the intellect by which I can tell what Tribe you belong to—Jews or Gentiles, or the lost Tribes. Send me your name and address, age, month and day, nationality, complexion, color eyes, hair, photo and 50 cents, and receive test Tribe reading. My book of 234 pages, 49 illustrations of Tribes, history and origin of Tribes. Cloth, \$2.00; paper binding, \$1.50. R. Bevington Webber, Author, Dayton, Oregon.

Lovers of Truth Send for this Book.

ESSENCE OF REASON By J. A. Campbell. It opens the

prison doors and lets you free; proves the Bible is manufactured by man; removes the black stain of superstition and hell from the minds of people and puts the old money-making Bible in the fence corners. Lend it to your orthodox friends. Price, cloth, 35 cents; paper, 25 cents, postpaid. Address

J. D. COOPER, 49 McCaul St., Toronto, Ont.

THE ACANTHUS—10,000 feet above the sea, and 100 miles from a railroad. Devoted to investigation of occult phenomena. Send 5 cents for a sample copy. Subscriptions, \$1 a year. Its ideas are as clear as the atmosphere, and its philosophy as pure.

Reginald Coryell, Editor Custer, Idaho.

YOUR CHARACTER, Personal and Future, will be read by an expert of wide repute on receipt of 12 cents and specimen of handwriting. Henry Rice, Graphologist, 1927 Madison Ave., New York.

Order Your Printing from

 **The Pacific Printing Co.,**

And You will always be Pleased with both the Work and the Price.

ADDRESS TO MINISTERS

By FRANK MORSE

I would like to call your attention to the fact that there are several thousand men and women in the United States who are continually writing arguments against Christianity. I will endeavor to explain why they are doing so, and give a few samples of the arguments they are using. Some of them confine their attacks principally to the church and say that it is not following true Christianity; while others attack the foundation—the Bible—and say that it is not perfect, and a religion founded on it cannot be perfection.

These men and women are intelligent, educated and honest, and think they are working for the welfare of humanity. They may be partly right and partly wrong, but the church certainly is not perfection.

This is supposed to be a land of religious liberty and equal rights to all, regardless of their religious belief. The founders of our government having seen the terrible results of the union of church and state in Europe, framed a constitution which they thought would prevent any such condition here; and so it would, but unconstitutional laws are made to favor the churches.

Thomas Jefferson said: "It is wicked and tyrannical to compel any man to support a religion in which he does not believe."

"I don't believe in your religion, but you are compelling me to support it. Do you think that setting such an example before the people of the world is the way to make them believe in your religion? When I pay my taxes I have to pay extra on account of the exemption of churches and parsonages. I am taxed to pay chaplains to go to Congress and tell God what congressmen are doing; and when I pay my school tax I am supporting your religion. You put your religious songs, and wherever you can, your Bibles, into the public schools for other people's children to read and compel them to pay for it. How would you like it if we put the works of Ingersoll, Paine and Voltaire in the schools for your children to read? Unless you want your religion destroyed entirely, you had better follow the advice of Thomas Jefferson and keep it in your churches where it belongs. He said that was the safest place for it. You use your influence to close stores, museums and all places of business and amusement on Sunday except your own; you want no competition and forget all about the golden rule. Suppose we close your places of business on Sunday—your churches—and put you in prison if you attempt to open them.

In regard to Sunday laws, I would refer you to the teachings of Jesus Christ and St. Paul. They had no special regard for any day. Jesus scarcely ever mentioned the Sabbath excepting when he was accused of breaking it. Then He asked them, is it lawful to do good on the Sabbath day or to do evil? He said His Father worked every day and it was right for Him or any one else to do the same. Paul said: "One man esteemeth one day above another, another man esteemeth every day alike; let every man be fully persuaded in his own mind."—Romans xiv:5. "Let no man therefore judge you in meat, or in drink, or in respect to a holy day, or of the new moon or of the Sabbath days."—Col. ii:16. Sunday, the first day of the week, was the day on which the Pagans used to worship the sun.

Constantine, the Roman emperor, was a sun worshiper and murderer. He scalded his wife to death, killed his son, his nephew, two brothers-in-law and many of his neighbors, and joined the Christian church and enacted the first Sunday law, March 7, 321. (See Encyclopedia Britannica, article Sunday.) When you make a Sunday law or enforce one, you are violating the teachings of Jesus Christ, St. Paul and the Constitution of the United States.

There are some brave, honest and intelligent preachers; but most of the preachers are afraid to meet a man in public debate who differs from them in religious opinion. They seem to be afraid that they might learn something. They reject the best teachings of St. Paul and follow the worst. He said: "Beware lest any man spoil you through philosophy."—Col. ii:8. "If any man be ignorant, let him be ignorant."—I. Cor. xiv:38. As they purposely avoid looking at the other side, their views are necessarily one-sided. But there is hope yet for the preachers. They are gradually drifting away from the hell fire religion of the New Testament.

Robert Ingersoll has probably done more to free the human mind from the fear of hell than any other man that ever lived. There are two reasons why he was not a Christian; he had too much love and mercy to believe that any being was cruel enough to burn another forever, and he was too intelligent to believe that God got so mad over the loss of an apple as to wish to burn people on account of it thousands of years afterward.

The Bible is a sectarian book, as there are different versions. But if any one version should be decided to be the standard, it would still be sectarian. When it is read in the public schools, certain chapters are selected. A Methodist can read a chapter that will teach Methodism. A Presbyterian can read a verse that teaches predestination. I propose to select a few passages that I think will convince you that a good many doctrines can be taught from the Bible by just reading certain selections. Here are some that we don't wish to have taught to our children: "Thy wisdom and thy knowledge, it hath perverted thee."—Isa. xlvi:10. "In much wisdom is much grief; and he that increaseth knowledge increaseth sorrow."—Ecc. i:18. "Thou shalt bestow that money for whatsoever thy soul lusteth after, * * * for wine, or for strong drink."—Deut. xiv:26. My next selection I shouldn't think you would like to have read to your children even without comment: "That which befall-eth the sons of men, befalleth beasts; as the one dieth, so dieth the other. All go unto one place, all are of the dust, and all turn to dust again."—Eccl. iii:19, 20. "The dead know not anything, neither have they any more a reward. Neither have they any more a portion forever in anything that is done under the sun. There is no work,—nor knowledge,—in the grave, whither thou goest."—Eccl. ix:5, 6, 10. "As the cloud is consumed and vanisheth away, so he that goeth down to the grave shall come up no more."—Job. vii:9.

The Bible is as good a book as we could expect it to be, considering the source it came from and the time in which it was written. It was written before printing was invented, before people had really learned how to make books. According to its own account of itself, many of its writers and most of its heroes were polygamists and drunkards. They were ignorant and superstitious; so the Bible naturally makes mistakes on every subject it attempts to teach—astronomy, geography, botany, zoology, mathematics and morality. It makes a mistake of sixty years in adding up the life of Terah, Abraham's father. Terah was seventy years old when Abraham was born; Abraham was seventy-five years old when Terah died. Seventy and seventy-five are one hundred and forty-five—but the Bible says the days of Terah were two hundred and five years. (See Gen. xi:26, 32; xii:4.) Ezra in adding twenty-nine thousand eight hundred and eighteen makes a mistake of twelve thousand five hundred and forty-two. (See Ezra ii.) Nehemiah (Chap vii) in adding thirty-one thousand and eighty-nine, makes a mistake of eleven thousand two hundred and seventy-one. "A lion is the strongest among beasts and turneth not away from any."—Prov. xxx:30. Travelers from Africa tell us that when a lion and a rhinoceros meet there is always a foot race and the lion takes the lead. I will mention some animals that

have killed lions: The buffalo, gemsbok, elephant and tiger. Mathew (Chap. xiii:31, 32) says "a mustard seed is the least of all seeds." Tobacco and mullein seed are much smaller than mustard seed. There are many kinds of seeds so small that they can be seen only with a microscope.

The Bible has some good moral precepts, but it contradicts every one of them, and to attempt to use it as a moral guide only causes confusion.

In Exodus and Deuteronomy the command is given: "Thou shalt not kill." And in both instances it is followed by the command to kill your own brother if he worships any other God excepting the one you worship. "Thou shalt surely kill him; thine hand shall be the first upon him to put him to death."—Deut. xiii:9. "Thus sayeth the Lord God of Israel, * * * slay every man his brother, and every man his companion, and every man his neighbor."—Ex. xxxii, 27. I don't believe God said it; the writer of Exodus lied or was mistaken. Jeremiah said the prophets and priests were liars. (Jere. v:31, vi:13, xiv, xxiii.) Isaiah said: "The priests and prophets have erred through strong drink, they are swallowed up of wine; they err in vision; they stumble in judgment."—Isa. xxviii:7. "I the Lord thy God am a jealous God, visiting the iniquities of the fathers upon the children. * * *"—Ex. xx:5. These words are said to be the words of God, but they seem to be as much like the words of a devil. The writers of the Bible have mixed their god and devil together so completely that it is difficult to tell one from the other. They say the devil is bad and God is good. But when they describe the devil they describe God as being more cruel and revengeful than the devil. "Thus sayeth the Lord * I will raise up evil against thee * I will take thy wives * and give them unto thy neighbor. *"—II Sam. xii:11. God in his anger killed Uzza because he put forth his hand to hold the ark.—I Chron. xiii:9, 10. "God said, they have provoked me to anger * For a fire is kindled in mine anger, and shall burn unto the lowest hell, and shall consume the earth with her increase. * I will heap mischief upon them; I will spend mine arrows upon them. They shall be burnt with hunger, and devoured with burning heat * I will also send the teeth of beasts upon them, with the poison of serpents of the dust."—Deut. xxxii:21, 22, 23, 24. "... For ye have kindled a fire in mine anger, which shall burn forever."—Jer. xvii:4. "... Anger resteth in the bosom of fools."—Eccl. vii:9. Are God and the devil the same being? II Sam. xxiv:1 says, "The Lord moved David to number Israel." I Chron. xxi:1 in telling the same story says, "Satan provoked David to number Israel." Psalm xviii:8, speaking of the Lord, says: "There went up a smoke out of his nostrils, and fire out of his mouth." Psalm cxxxix:8 speaks of God being in hell. It also seems that heaven was well supplied with fire and brimstone. When cities were to be destroyed, fire and brimstone were rained down from heaven.—Gen. xix:24.

As God lives in hell as well as in heaven, and both places contain fire and brimstone, I make no choice; but leave it all to God or Nature. Whether we ever go to either place or not makes no difference in regard to our duties here. Ingersoll has said: "The place to be happy is here; the time to be happy is now, and the way to be happy is by making others so."

Though somewhat more refined in language, the teachings of the New Testament are as cruel as the Old Bible. And if its statements are true, Jesus Christ and his disciples were a band of tramps, traveling about the country, stealing and obtaining money under false pretense. We find in Matt. ii:6 that Jesus Christ came as a governor to rule Israel. And Luke xxii:29, 30, says he appointed kingdoms for his twelve disciples to sit on thrones, judging the twelve tribes of Israel. Matt. x:5, 6, says he told his disciples, "Go not into the way of the Gentiles, and into any

city of the Samaritans enter ye not. But go rather to the lost sheep of the house of Israel." He had but little to do with the Gentiles excepting to deceive them. He told his disciples that he talked in parables purposely to deceive the people. "And he said unto them, 'unto you it is given to know the mystery of the kingdom of god; but unto them that are without, all these things are done in parables: that seeing they may see and not perceive; and hearing they may hear and not understand; lest at any time they should be converted, and their sins should be forgiven them.'"—Mark iv:11, 12. "But without a parable spake he not unto them; and when they were alone, he expounded all things unto his disciples."—Mark iv:34. "And for this cause God shall send them strong delusion, that they should believe a lie. That they all might be damned who believed not the truth..."—II Thes. II:11, 12. According to Luke xvi Christ commended a steward for stealing and said he had done wisely. And we find in the twelfth chapter of John that Christ and his disciples also acted wisely; verses 4, 5 and 6 say that Judas Iscariot kept the bag in which money was put that was supposed to be given to the poor; but Judas was a thief and kept the money. John xiii:29 shows that Judas was their treasurer and was accustomed to buying what things they needed; so they were all thieves living on money obtained by false pretense.

"Did Jesus steal hogs?"

Let us examine the evidence the same as we would if the same events were to take place with us at the present time. The fourth chapter of Mark, verses 35 and 36, say that he and his disciples started to pass over to the other side of the sea in a ship. And there were also with him other little ships. Luke x, 1, says that he had seventy other disciples besides the twelve. The fifth chapter of Mark says they came over unto the other side of the sea and there was nigh unto the mountains a great herd of swine feeding. And the herd ran violently down a steep place into the sea and were choked in the sea. The next place we find them (Chap vi:32) they are by the ship in a desert, feeding five thousand people with five loaves of bread and two fishes. There is nothing said here about how many hogs they had, but the thirteenth verse of chapter 5 of Mark says there were about two thousand of the swine. In chapter viii we find them having another feast. "There were about four thousand did eat and were filled; and they took up of the broken meat that was left seven baskets." Mark mixed in some devil stories, but I have left them out, as devil stories at the present time would not be admitted in court as evidence in a case of hog stealing. The eighty-two disciples were the devils, and it would be so decided by Christians if the same event was to take place now in any Christian neighborhood.

It is only necessary to pull off your religious blindfold to see that if the Gospels tell the truth about Jesus, he lacked considerable of being perfection. He violated and contradicted nearly all of his own teachings. He condemned the Pharisees for praying in public, for making long prayers and for loving to be called master. He prayed in public, made long prayers, called himself master and told his disciples to call him master. He spoke parables in favor of the poor and said, "Woe unto you that are rich." But when he dined with the rich man Zaccheus he turned his parables the other way. In regard to the man that had only one pound, he said: "Take from him the pound and give it to him that hath ten; for I say unto you, that unto every one which hath, shall be given; and from him that hath not, even that he hath shall be taken away from him."—Luke xix:24, 26. He said, "Love your enemies."—Matt. v:44. "But those mine enemies, which would not that I should reign over them, bring hither and slay them before me."—Luke xix:27. He told his disciples to forsake their relations, and would not permit them to go back to bid their wives and children farewell. He said: "If any

man come to me and hate not his father, and mother, and wife, and children, and brethren, and sisters, yea, and his own life also, he cannot be my disciple."—Luke xiv:26. He forsook his mother, brothers and sisters, and treated them as if he hated them. "There came then his brethren and his mother, and standing without sent unto him calling him. And the multitude sat about him and they said unto him: 'Behold thy mother and thy brethren without seek for thee.' And he answered them, saying, 'Who is my mother or my brethren?'" He didn't go out to meet them; didn't invite them to come in, and it seems from the account given in Mark that he never spoke to them afterward. Here is some more of the language of the meek and lowly Prince of Peace: "Think not that I am come to send peace on earth; I came not to send peace but a sword. For I am come to set a man at variance against his father, and the daughter against her mother, and the daughter-in-law against her mother-in-law, and a man's foes shall be they of his own household."—Matt. x:34, 35, 36. "And the brother shall deliver up the brother to death, and the father the child; and the children shall rise up against their parents and cause them to be put to death."—Matt. x:21.

Christian friends, how would you like to have Jesus Christ for your neighbor? You might put a lock on your chicken-house, also on your hog-house; but wouldn't you rather have him as your saviour, away off in Paradise, than to have him here associating with your family? The most terrible of his doctrines I have yet to relate. He threatened to burn and torment forever all who failed to believe in him; and at the same time was purposely deceiving the people to prevent them from believing on him. Well he might say, "Straight is the gate, and narrow is the way, and few there be that find it." "But he that believeth not shall be damned. And these signs shall follow them that believe. In my name shall they cast our devils; . . . they shall take up serpents; and if they drink any deadly thing, it shall not hurt them."—Mark xvi:16, 17, 18. We see by these signs that he spoke in parables to deceive the people. These signs are tests that no man can stand; let any preacher take a drink of nitric acid; it will kill him as quick as it will an infidel. The religion of Jesus Christ has been written in blood and fire. Millions of Christians, following his teachings, have killed each other with swords and burnt each other at the stake.

For more than a thousand years the Christian church ruled supreme over Europe; and during that time men, women and children were being burnt to death. I quote a few words from Chamber's Encyclopedia, Vol. VIII, page 311: "In France about the year 1520 fires for the execution of witches blazed in every town, . . . The delusion became an epidemic, frenzy, devastating every corner of England Similar accounts are on record regarding the other countries of Europe. . . . In the British colonies of New England the witchcraft mania raged with peculiar intensity; as in Scotland and elsewhere the clergy were the prime movers. . . . Dr. Sprenger computes the entire number of persons who were burned as witches, during the Christian epoch, at nine millions." There were millions more burnt as heretics; and other histories say that when a whole family was burnt, the clergy took possession of their property.

After murdering and robbing humanity for a thousand years, and having no taxes to pay, you can now boast of your wealth and your power. The past record of the Christian church would soon be forgiven and forgotten, if the Christians would treat other people as they like to have others treat them. — *Port Angeles, Wash.*

There is so much bad in the best of us,
And so much good in the worst of us,
That it hardly seems good taste in us
To talk about the rest of us.

MUTTON CHOPS

By MRS. M. C. COOMER

I said to an angel from heaven, said I,
 "They say we must eat of a man
 Or be lost. Now please tell me why,
 With such a queer crime we should comply
 And whence comes this cannibal plan?"

The angel said, "'Tis an ancient decree.
 But it is not a cannibal sop;"
 The "Lamb of God," it is said to be,
 Hence the Eucharist, as we plainly see,
 Is only a sheap mutton chop.

FRANK MORSE

The subject of our frontispiece this month was born on Whidby Island, Wash., May 1, 1855. His father was a Methodist minister and missionary in the early history of the North-West when traveling was very dangerous. The next year he took his little family to Illinois via Panama and afterward served thru the Civil War as a captain. In 1874 Frank, now a young man, crossed the Continent, mining, prospecting and hunting. When he reached the Pacific Coast he shipped on a whaler and has since crossed and sailed every ocean, crossed every continent, enjoyed and suffered in every climate on earth, but has never seen any angels holding up the "corners" thereof.

Mr. Morse has remained a bachelor because there are no women at the North pole or the South pole, or on the seas or deserts, or in the wilds of Washington, where he has lived. He is a sound and aggressive Atheist and a fearless and forceful writer and speaker. He is now a resident of Los Angeles, and will be one of our untiring Liberal Club workers, if our dear-heavenlyfather does not get jealous and angry, and strike him dead for blasphemy (?), which is not likely.

MAKE YOUR LIFE A SUCCESS—A Real, Genuine Success. You can if you will follow our easy, inspiring, practical, common-sense advice. Know more and make more. Properly directed efforts always bring success. Tell me about your business, profession or occupation, your wants and ambitions, and I will help you to double your income and attain your heart's fondest desires. Please write me today. Do it now.

L. H. Anderson Success School, H. S. 75. Auditorium Bldg., Chi., Ill.

	<h2 style="margin: 0;">EDITORIALS</h2>	
---	--	---

We have been compelled to put July and August numbers together this month, and will make them up to you at end of subscription. We hope to have support or income enough sometime soon so that such a thing will not be necessary again, but we do not depend on prayer.

Those innocents who imbibe the erroneous mental *pabulum*, that "all is good," remind us of the credulous sucker, who jumps out of his native element into the air to bite a worm which is made of cotton or Canton flannel, i. e., woollen goods, made of cotton in the city of Canton.

The great white star, Vega, is five billions of miles in diameter, or almost as large as our own solar system. Who can comprehend the magnitude of the solar system of which it is the center or of the god who made it out of nothing in a week?

Some Funny Bible Stories is a little book of fifty pages, by W. A. Croffut, every alternate page being a cartoon by Ryan Walker and published by the Truth Seeker Co., of New York. If you want a good laugh, read its version of these ancient stories.

Some friend or enemy has favored us with a copy of *The Helper*, which seems to represent a new cult of Mormons, who are rending the original Mormons without mercy. We are glad to welcome this new split in religion, as the new, even tho bad, is better than the old. Let the good work go on until religion is divided into as many churches as there are individuals.

A few nights ago we had the pleasure of watching the Flying Machine of A. L. Reynolds, fly. Yes, it flew from 9 p. m. until about midnight, up and down and around Fiesta Park, just as if it were a whale swimming in a sea of water and minded every stroke of the wings or oars. There is now no doubt that it will be brought to perfection.

The doctors who are licensed to kill people with poison and kill them with knives on the "operating" table, are after our old friend, Dr. Dow, of Pasadena, who cures cancers without the use of a knife or operating table. He has been bled for \$100

and it is to be hoped the advertisement will be the means of saving hundreds of lives. The fake M. D.s with knives never yet cured a cancer, but have killed untold millions, who could have been quickly cured by H. H. Dow's simple remedy.

There are many people who do not realize that electricity is only a transmitted force or vibration between two points. If we generate force at a dynamo in Los Angeles and connect it with a motor in San Diego the motor will do almost the same work or develop the same force in the latter city as was done in the former city to produce it. If it is taxed with more work than it can do, it will stop the same as a horse that is stalled, and the generator in Los Angeles will stall also, until more force is used to turn it, exactly as if there was a belt running from one to the other.

A personal letter from W. H. Kerr, the founder of the Church of Humanity, informs us that the U. S. Postal authorities have denied his paper, *The Christian Educator*, the right to second-class postal rates. This will necessitate its suspension, at least for the time being, unless liberals will donate money for him to make a fight, which seems improbable, judging by their seeming apathy in supporting new ventures along that line.

Last month we sent out several hundred statements to subscribers showing their standing, and while many have paid up, three out of four have asked kindly to be taken off the list. The great cry is poverty and the next greatest, old age. A great many whom we know to be worth tens of thousands of dollars, because they are "too old to read and will soon go to rest." When they do so the church will get their money by some hook or crook, and it will thus be used for the curse of humanity; when a few of their paltry dollars might have kept the good work of criticism alive. When good men can be sent to the state's prison, by the fraud of the church, it ill behooves us to support them by deserting free thot at the last.

We have before us *Sexual Freedom*, by Hulda L. Potter Loomis, wherein she complains about the ownership of women. The best man we ever knew had exactly the opposite experience, having belonged to a female who was, at the same time herself common property. We are fearful that the measures suggested by the generous Huldah L. Potter, etc., Loomis might lead us back to the medieval times of sacred memory when it was "a wise child who knew its own (male) parent. The first half of page 18 shows a man's inconsistency to the contract, as forcibly as the old prophet "Shewed" David, when he killed Uriah in order to steal his wife.

If you chance to purchase any new-fangled jam, jelly or marmalade, for the table, on account of its fine color and cheapness and find, after taking it home that the flies and ants leave the house, allow HIGHER SCIENCE, as a friend of humanity, to suggest that you immediately pitch it into the sewer, or some part of the lot which is non-productive. It is better and cheaper to fight insects with tanglefoot or bewhack.

The first anniversary of the Gen. Slocum picnic disaster has just been celebrated at Middle Village, Long Island, to thank our dear-heavenly-father for his mercy and loving kindness in drowning 900 Sunday-school children. Well, all we can say is, it is certainly an improvement to drown them rather than to brain them on the door posts of their homes, as he did with 8,000,000 down in Egypt, some thousands of years ago. Perhaps he is also evolving to the better and will some time use chloroform to do his murdering of the innocent.

HIGHER SCIENCE believes that the money system may be arranged so that a person can be rewarded for industry and other good qualities, and punish himself for selfishness and badness. For an example, if Socialism could take the profit out of liquor and let it sell at cost, the saloon, which is the source of unmeasurable evil, would not exist one day. As it is now, the most sociable, therefore the very best boys and girls, are its victims. The stingy person is not a drunkard and neither is he as good a citizen as the social, open-handed, good fellow who is temperate.

A Los Angeles woman became insane trying to show the atheist editor of this magazine that there must be a god to create nature and that he always existed without and needed no creator. When confronted with the fact that no one ever saw him at work, or at all, and that we can see nature at work every moment, making the motions of life by expanding and contracting matter by heating and cooling, she simply collapsed spiritually and lost her reasoning power, because she refused to allow it to operate freely.

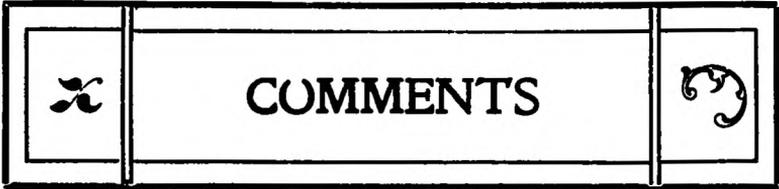
Miss Mary Jones, the pride of all good people, has been discharged without cause, from the position of City Librarian, by the semi-religio board of commissioners and the somewhat famous "squaw-man," Chas. F. Lummis, installed in her stead. The various woman's clubs are, very justly, up in arms about it and are making it uncomfortably warm for the commission for questionable morality (?) displayed by the said commission and it is now hoped that they will all resign and sneak out of sight and the grand and broad-minded Miss Jones will be reinstated, where she has done the city proud for so long a time.

I am now trying to make arrangements to publish the New Procession of Planets and to have it ready to deliver on or before January 1st. Altho I have about 200 orders, I will want \$1000 more in order to get out a reasonable sized edition. Therefore, if any others will want it, now is the time to do the most good by making it known. It may be possible that the Cliff-Dwellers' Place may help me out by that time, but if so, the price of the book will be the same.

One of the ablest arguments ever written against God is by Rev. Samuel T. Carter, the leading Presbyterian, to the General Assembly of that church, recommending a change of its diabolical creed and confession of faith. He refers to this Presbyterian God of the Bible as the vilest of monsters and refers to Tamerlane (who built a pyramid of 2000 men massacred at Herat) as a bright angel and seraph, compared with God. Verily, verily, what a change science has brought about. Who knows but what Presbyterians will yet evolve into good citizens?

Mr. Hatfield, the rainmaker, delivered a most remarkable lecture to an intensely interested audience at Simpson's auditorium the evening of May 10th. In his maps and diagrams of the state he showed that after each of his thirty-three experiments the rainfall was greater in his immediate vicinity than in any other part of the state. Summing up the last winter's rainfall shows that for the first time in the history of the state the precipitation was greater in the southern part than at San Francisco. Do not laugh at this man's proposition to compel rainfall until you have seen the figures he produces and then put on your thinking caps for a night or two. Even children know that while prayer has no effect, a great battle or American Fourth of July never fails to produce rain, where rain is possible at the time of year.

We have intended for some time to tell our readers and explain to them the "fake" safety of so-called safety deposit boxes. The editor has been a bank president with safety (?) deposit boxes and can show how diamonds and precious stones turn to glass; how gold nuggets turn to lead; large sums (not small ones) turn to empty air; secrets leak out and valuable papers change. But what is the use. HIGHER SCIENCE is not even supported and if it gave this profound secret away, it would scarcely have a friend amongst the myriads of suckers who are robbed. When the conspiracy and fight came to suppress the magazine and incarcerate its editor, he would be deserted by his own best friends and family. We have been thru all kinds of mills before this, for telling the truth for nothing.



* * * What e'er else you do,
 If only three or one or two,
 Don't forget, oh! don't forget
 To send in the subs;
 No sheet can live and thrive
 And circulate on principle alone,
 And by its merits keep alive.
 Only by constant rooting, rooting,
 A constant "tooting, tooting, tooting"
 Of "send in the subs"
 Can any paper live
 And circulate and thrive.
 Send in the subs. * * *—*People's Press.*

T. C. Hoxsie, of Boon, Ia., in renewing his subscription, says, in part:

* * * So don't let my account run past due again. Send me a statement. I do not get "mad" at a statement, and any one who does is N. G. If I was editing a magazine and a subscriber felt snubbed at a statement, I would strike his name off the list very suddenly, as the chances are he would never pay * * * I like H. S. and will not do without it as long as I live, if I can get the \$ to pay for it with. * * *

* * * Undue pride of self is the cause of disease and unhappiness, because it is abnormal. The inflow of the Universal Life Force is checked. Pride is one of the chief causes of nervous prostration. Proud people hold themselves in check. The result is stomach trouble and nerve disorders.—*Nautilus.*

The above is by William (Towne), but it is a mistake. It is proper for people to hold themselves in check. *Nautilus* is always mixing or mistaking Pride and Vanity, the same as God, Jesus Christ, Solomon and the rest of that gang of sweet-scented liars and adulterers did. Let us get into the present which is thousands of years "newer thot." William is honest and truthful, but is still in the old rut; he has too much intelligence, however, to remain in it.

J. W. Gilbert, the owner of Elk Park, at Friend, Neb., sends us \$2.25 for subscription, etc., and says:

* * * Yes, I keep elk, deer, buffalo, geese, goats, squirrels, etc., and the park is free to all. Usually have 10 to 50 visitors Sundays. * * *

Deut. xiii:9: But thou shalt surely kill him (brother, son, daughter or wife); thy hand shalt be the first upon him to put him to death, and afterwards the hand of all the people. Thou shalt stone him with stones that he die.—*God.*

Dr. C. W. Stowe, of Salina, Kan., writes:

Dear Bro. Heald:—Enclosed find my check for \$2.00 for two years subscription to HIGHER SCIENCE, the best Liberal Journal published, and now the only one coming to my desk. * * *

When the Devil holds a reception in Hell, his invitation cards will read: "Ladies and Dogs" first, please. The "mothers" will be at a more holy place. The "Pearly Gates" stand ajar for them. Cumtax.—*Patriarch* (Seattle.)

If the Devil is the honest gentleman spoken of in the Bible as telling the first woman and mother the truth, and the pearly gates are the den of the monster who cursed her and all future mothers forever, we believe all good women and mothers will accept his satanic majesty's invitation and leave the dogs and curs to the great jealous and angry enemy and curse of humanity.

It has for some time been known that the temperature at which they are developed exercises a great influence on the color of butterflies. Prof. Standfus of Zurich has lately performed in the animal world some of the same sort of miracles Luther Burbank has been performing in the plant world. He took 6,000 caterpillars and exposed them to varying degrees of heat. The results were marvelous, for the butterflies produced ranged from the varieties found in the torrid zone to those found in the arctic regions. Moreover, some species which were supposed to be extinct were revived, and other altogether new ones were created. Prof. Standfus thinks that by extending the same process he will be able to secure equally wonderful results among birds and other animals.—*Pathfinder*.

Capt. B. F. Clark, of Havana, Cuba, says in an interesting and encouraging letter:

* * * I take advantage of this occasion to state that I am intensely interested in your theories, which seem to me to be substantiated or proved facts, as far as I understand. My busy life does not permit me to devote the time I would like to study. * * *

That the dog habit is growing, especially among the women, is a statement in proof of which no statistics need be brought.

It cannot be disputed that the dog-cult is good for dogs. But how about their masters and mistresses? How about these men and women who give to lower animals time, and thought, and care, and love—above all, love—which they deny to their fellow men and women—and to children? Is it good for one's character, does it tend to make one better, this cogitating hours on hours about making a dog comfortable and happy, this treating it as if it were one's child? Is it elevating to nurse and caress and serve a dog?—*Saturday Evening Post*.

It is not only bad for the character, but it is positively degrading. A person who desires to kiss a dog should consider the dog's social conduct first and then go and kiss something clean, like a baby. No woman can kiss the editor of HIGHER SCIENCE after kissing a dog, if he knows it, and it is easy enough to smell the dog's kiss for several days.

Is it any wonder that the cause of freedom goes so slow, when conservatism is favored so much even by the "advanced" people who spend dollars for the conservative press, and plead poverty when the question comes of supporting the Reform papers!—*People's Press* (Chicago).

The St. Andrews (Fla.) *Buoy*, in a late issue, quotes from HIGHER SCIENCE our proposition to work and vote for Socialism, provided the National Platform will indorse "liquor free" from tax penalties, as the best means encouraging temperance and doing away with the saloon, and adds:

On this, as well as on a good many others of its demanded reforms, *The Buoy* is willing to be declared an avowed Socialist. * * *

The fool infidel says in his heart, there is no God—Psal. xiv:1.

The fool christian says in his heart, there is a God.—I Cor. iv:10.—Paris (Tex.) *Examiner*.

Arthur Crane, of Palo Alto, who generously offered to give his book to readers of HIGHER SCIENCE, without money and without price, seems to have had a holy missionary purpose in view, something after the style of our blessed d. h. savior. The first complaints come from our male readers, who sent stamps and often small amounts but received no books. Now comes our female readers complaining of receiving insulting printed love-letters, sealed and, in some instances, still more insulting intimations added with pen and ink. The editor wishes to apologize for being an innocent "sucker," in serving the purpose of this imitator of the hero who had no father, wife or child and was hung between thieves for the good of his county, by the committee on public morals.

CERTAIN *Cancer Cure*. Send no money, but a statement from the publisher of HIGHER SCIENCE, that you have deposited \$25 with him, to be forwarded to me, when the cancer is removed, or returned to you if not; and I will send you, postpaid, my remedy which is painless and has never failed.

Mrs. J. E. Ray, Conifer, Colo., cancer removed in 10 days. Mrs. J. Martin, Green Lake, Seattle, Wash., cancer removed in 10 days. Daughter of S. F. Eaton, Whitman, Mass., cancer of breast removed in 10 days. A cancer measuring 4 inches long and 3½ inches thick removed from the breast of Mrs. Ettie Miller, Hebronvills, Mass., in 12 days. EDWIN T. GORE, Lawrence, Kansas.

SEND ten cents and stamp to Mrs. Lottie Heston, Carthage, Mo., for a beautiful portrait of the great Freethot cartoonist, Watson Heston. This portrait should be framed and placed upon the wall of every Liberal and Freethinker in the world.

THE CHURCH of Humanity teaches that God, Satan and Holy Ghost are fabulous beings; Heaven and Hell are myths, and Life is extinguished forever at death. Send 10c for a year trial subscription for its organ, *The Christian Educator*. W. H. Kerr, Great Bend, Kan.

Victor Sauce Always insist on having Victor Sauce

for your meats, etc. Compel your grocer to keep it, or change for one who does. It is almost like Worcestershire Sauce, except that the thickening, instead of being dried liver ground up, is Chile Pepper ground—the very thing required in this moderate climate for health. It is a wonderful tonic and blood purifier and has none of the bad effects of alcoholic stimulants. It is a home product, grown and prepared in Los Angeles.

Wonderful Book--ANTHROPOGRAPHY

of the Four Nations and Forty-eight Tribes that descended from Abraham (Gen. 17). I have discovered the fixed law or seal (Rev. 7) of the intellect by which I can tell what Tribe you belong to—Jews or Gentiles, or the lost Tribes. Send me your name and address, age, month and day, nationality, complexion, color eyes, hair, photo and 50 cents, and receive test Tribe reading. My book of 234 pages, 49 illustrations of Tribes, history and origin of Tribes. Cloth, \$2.00; paper binding, \$1.50. R. Bevington Webber, Author, Dayton, Oregon.

Lovers of Truth Send for this Book.

ESSENCE OF REASON By J. A. Campbell. It opens the prison doors and lets you free; proves the Bible is manufactured by man; removes the black stain of superstition and hell from the minds of people and puts the old money-making Bible in the fence corners. Lend it to your orthodox friends. Price, cloth, 35 cents; paper, 25 cents, postpaid. Address J. D. COOPER, 49 McCaul St., Toronto, Ont.

THE ACANTHUS—10,000 feet above the sea, and 100 miles from a railroad. Devoted to investigation of occult phenomena. Send 5 cents for a sample copy. Subscriptions, \$1 a year. Its ideas are as clear as the atmosphere, and its philosophy as pure.

Reginald Coryell, Editor Custer, Idaho.

LEARN A PROFESSION that is not overcrowded.

Osteopathy, Electropathy and Scientific Massage

Our Students are making \$20 to \$35 a day. We teach by mail, or residence course at our school. Send for particulars. A postal card will do it. **NEW YORK SCHOOL OF ELECTROPATHY.**

Incorporated under the laws of New York State. Waverly, N. Y.

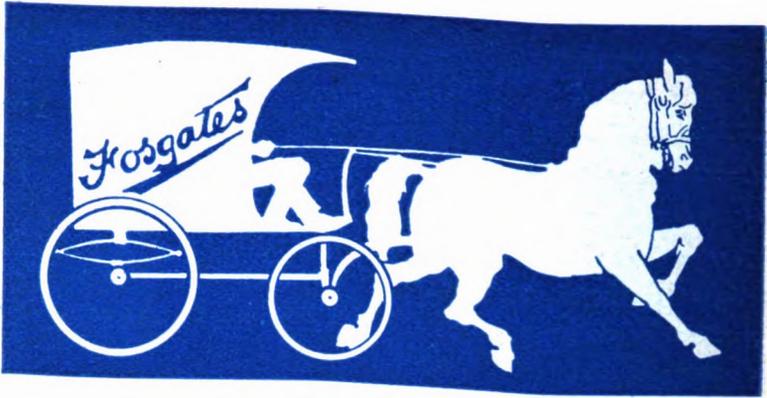
YOUR CHARACTER, Personal and Future, will be read by an expert of wide repute on receipt of 12 cents and specimen of handwriting. Henry Rice, Graphologist, 1927 Madison Ave., New York.

Order Your Printing from

 **The Pacific Printing Co.,**

And You will always be Pleased with both the Work and the Price.





—DELIVERING—

PURE CANDIES

Our Candies are Made to be Eaten

449 S. BROADWAY

LOS ANGELES, CAL.

Tel. Main 561 TRADE S. BROS MARK

SIGNS **SCHROEDER BROS.**

121 E. Second St.,
Los Angeles, Cal.

A STUFFED CLUB FOR EVERYBODY

Is one of the best Magazines published. Dr. J. H. Tilden, the able editor, does not hesitate to tell the truth when it does the most good, even though it is not popular.

\$1.00 per year.

Steele Block, Denver, Colo.

Positively Cures Piles, Fistula, Croup, Diphtheria. By mail 60c.
Dr. Georjean Miller, Diamond, Ark.

To Authors Seeking a Publisher:

Manuscripts in all branches of literature suitable for publication in book form are required by an established house. Liberal terms. No charge for examination. Prompt attention and honorable treatment. Address **The Dryden Press, 23. E. 20th St., New York.**

SEND YOUR ORDERS FOR
PRINTING

TO THE EDITOR OF HIGHER SCIENCE