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WATSON HESTON

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ISSUED MONTHLY AT IVANHOE STATION FRANKLIN H. HEALD, Editor and Proprietor

Entered at the Postoffice at Los Angeles as Second Class Matter

Vol. V. LOS ANGELES, CAL.

RADIATION OF PLANTS

No. 3

Warmth and life are associated in every mind when any form of animal existence is thought of, and with the thought of death comes at once the impression of the coldness of the dead body. But, while one instinctively thinks of life and warmth existing together, no one would ever think of finding heat in a plant.

Yet this is exactly what has been proved by the experiments of Van Beck, Bergsma and Dutrochet. They have proved that some species of lilies give off so much heat when their blooms unfold that the hand can feel the difference in temperature if held close enough to be within reach of the heat rays.

The men who have conducted these wonderful experiments have come to the conclusion that plants are endowed with the faculty of raising or lowering their own temperature to resist heat or cold of the atmosphere just as animal life resists changes of temperature by changes of its own heat.

They also point out that the temperature inside the trunk of a tree is higher than the frosty temperature outside during the winter, for the reason that the sap drawn up by roots from far underground is warmer than if int had been exposed to the frost before it entered the tree.

The live plant has a heat quite as great as that of some gold-blooded animals, but the dead plant is like a dead animal—cold.

And as with man, so with plant—the heat is more noticeable at the middle of the day than at any time of the twenty-four hours. The heat is strongest at the ends of the young branches, where growth is taking place.

In the species of lily referred to above one observer noted a difference of 39 degrees between the temperature of a blossom and the temperature of the surrounding air. This is exceptional, but after lengthy investigation the scientists are satisfied that heat and life are inseparable, just the same in a mushroom as in the man who eats it.—Examiner.

The expanding of matter into gas, and the contracting of gas into matter, can never cease. Each produces the other, and cause heat by producing motion, which it heat. If we can once realize that motion, force and energy, is heat, and that electricity, light thought, etc., are forms of force, therefore heat and that any of these forces or motions can be changed into either of the others, then we can understand without surprise, that a living plant can produce and radiate heat. Not only living plants and bodies, but also dead plants and substance throw off heat, as they decay. The

log which has required five years to rot, has thrown off exactly the same amount of heat that it would, if burned in five minutes. I have known for many years that electricity was heat, and that all rapidly growing plants, will give each other visible electric flashes, during a dark night. Sunflowers are remarkable for this display of electricity, and I have in mind, a patch of several hundred acres, which grew at the west end of Elsinore Lake, when I first went there in 1883. The soil was very deep, and exceedingly rich, and the plants vigorous, and grew to astonishing height and size. I will not give diminsions, as I have many readers in the East, who would conclude that I was losing my mind, and becoming religious. Driving thru this forest of sunflowers, in the warm evenings. I have seen displays of electric light, which were simply grand, and also giving delightful sensations to the consciousness. I have had good reason to believe however, that the eyes of different individuals do not see them with the same clearness, and, perhaps some, not at all; neither do some nervous systems receive the same delightful sensations from their radiation. The spectroscope photograph taken in the darkness, is showing us new things in the way of radiation of heat, or light, electricity, energy, etc., and it is now an open secret that the head of a human being is surrounded by a halo of radiation, according to his or her force or capacity or thot, which the sensative spectroscope photo, shows as light. No doubt the sunflowers at Elsinore taken by this process, would be a grand display of electric light. If I can sec. these radiations more distinctly than my neighbors, I cannot think myself superior only in eves, and especially when I remember that owls. cats and other creatures who have very little brain, in comparison, can see live objects of all kinds in the dark, by this radiation of the objects themselves. The Will-o-the-wisp is a motion, or light thrown off by the growing or decaying of plants of a swamp, which almost any human eye can perceive. The Fox-fire is a continual glow given off, or radiated by a rapidly growing fungus or plant, and there are many such examples of heat in nature, which we see, and fail to understand, simply because we are in the habit of depending upon others to think for us. If some strange phenomena suddenly presents itself, humanity is far too apt to fall upon its knees in fear and dread, to pray, not for knowledge of its natural cause, but for faith in its divinity.

HIGHER SCIENCE MAN'S POSSIBILITIES

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By FRANKLIN H. HEALD, *

Your correspondent, Prof. Edgar L. Larkin, who is also a good friend and neighbor of my own, supposes, in August Suggestion, that almost everything is possible "thru the medium of psychic forces," and says:

"* * Possibilities of soul training, derived from Hindu wisdom, are so much greater than any ever dreamed of in the Western hemisphere, that even an allusion to them, here and now, would fill all readers with amazement. * * *"

I first wish to call attention to the fact of "soul" being a matter of faith only. No one, not even Dr. Larkin, ever saw a soul. He only imagines that his mind, or consciousness, is something alive within his body, which, although it has no substance, goes on living after he is dead. This is a mistake easily made by people who have always been taught to believe so. What is supposed to be a live-forever soul, is in reality, only a motion running thru the protoplasm of life-form. The more highly organized a life-form is, the less it receives its information or knowledge from psychic forces, and the more it uses its reason.

The doctor goes back hundreds of years to Hindoo wisdom (?) along the foot of the Hymalayahs, and is filled with amazement

^{*} This article was written about ten months ago for a Chicago magazine, Suggestion (to buy Mexican Rubber Stock). As Suggestion is "A magazine of new Psychology," and teaches the opposite of the course advised in this article. I wrote the editor, apologizing (in case he did not wish to publish it), and inclosing return postage. Instead of returning it, he sent me the following broad-minded letter:

[&]quot;Dear Mr. Heald:—I have yours of the 9th (Aug.) and I have placed your communication on file for publication. We very frequently publish articles that combat some of the ideas expressed in our magazine, but we believe in a full and free discussion and we are trying to teach people to think for themselves. I beg to remain, very cordially yours, Elmer Ellsworth Cary."

Later Dr. Parkyn (the other editor) returned from the Rubber Stock farm in Mexico, and there were no more exchange copies of Suggestion, until I wrote to try and find cause, when I received another letter stating that this article was already in type. This was months ago, and so I publish the article in HIGHER SCIENCE, that it may not be lost, as the management of Suggestion has no doubt been changed during the past year.

at the evidences of their psychic power. If he will go back thousands and possibly millions, of years farther, he will be still more startled to find them devoid of reason, and depending on this psychic information for a living.

I cannot believe that Psychic Science is in it's infancy. I believe that it is in it's dotage, in the case of man. And I think that I have proved it, and that the farther we go back into the evolution of lower life toward man, the more psychic powers we find, and the less reason. Neither do I believe that Psychic schools should be built, or the psyshic force cultivated.

Since writing the "Sixth Sense" article, which Suggestion, republished in the August number, I have received many letters from leading publishers and thinkers, who believe we will, and should, cultivate the psychic senses. I am very susceptable to these psychic feelings, myself, and if I should give up to them, and hold my mind or reason blank, I would be a staring, vacant adep, with no reason, and no way of getting information other than by these psychic feelings; and therefore, no better than a little pig, which, without reason to bother him, can feel the direction of his mother miles away.

My reason shows me that we have lost this "science" (?) by evolution, and if so, the one we have received in it's stead, is much superior. Not only does reason teach me this, but experience also teaches me that before I can receive such psychic information, I must go into temporary blank state of semi-idocy, such as partial sleep, or hypnotism or trance. Reason must be pushed aside, and supressed. The judgement must be put away in sleep, before I can feel, or hear or see, by these forces. The very fact that low life, which has no reason, has more perfect psychic feeling, must prove that to go back to this state we must get rid of reason.

Who are these adepts who are so wise? They are the people who sleep with a vacant stare while awake. To be succesful they must retire to some cave or hollow tree. They must "go into the silence". They must live in solitude where reason cannot come.. Here they must sit in silence, half awake and half asleep, or in a semi-hypnotized condition, in order to get these "hunches" from natural causes, thru the psychic avenues. I believe, therefore,

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that man's vast possibilities are far removed from "Psychic soul training"; and that they must, do, and have depended upon reason. experience and science. If we must cultivate, and be schooled in this psychic "science", and suppress our reason, then our psychic powers will grow strong only at the expense of our reason. It is like the expansion and contraction of matter, and one force can only accumulate at the expense of the other.

Who are the best mediums? Are they the best people? In the first place, they are either women, or men with feminine dispositions, because they must not be reasoners. They must be capable of going into the silence easily and quickly. The mind is supposed by many, to be divided into two parts, the objective and the subjective, and that the best one cannot do business when the other is awake. This has too much the flavor of good and evil in religions. or gods and devils. They try to make the evil one out of the good onfe, and vice versa.

We have but one mind. When we are awake and in our normal condition, it is doing good, honest work; but if we are asleep, our muscular system at rest, circulation almost inactive, and the stimulation almost gone, the brain performs freaks that are mysterious, and often so perplexing, that we imagine there is a spiritual part to us, which has no existance in substance or material, and cannot be destroyed by death.

I believe, however, that when we are asleep, we are more susceptable to the psychic feelings, because our judgement, or reason, is at rest. At such times it is possible for outside forces to take charge or make impressions on the mind. Another mind, even, may take possession to the extent of reproducing it's thots, pro-·· vided they do not startle us into waking, even going so far as to operate the nerves and muscles of the body.

Let us rather discourage, than encourage, such intercourse of · minds. Let us control our own minds, and when we teach others. teach them how to think, rather than feel impressions, without reasons.

While I am sorry to disagree with Dr. Larkin, or any other of my friends, who indorse the psychic methods, yet I feel that they are being misled, and must enter my protest, even at the risk of being adjudged a pessimist, as people often are, who do not fall in line, and step to the music of the *Major domo*.

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WHAT MARCH DOES

By MAY RILEY SMITH

In the dark silence of her chamber low March works out sweeter things than mortals know; Her noiseless looms ply on with busy care, Weaving the fine cloth that flowers wear. She sews the seams in violets queer hood, And paints the sweet arbutus of the wood: Out of a bit of sky's delicious blue, She fashions hyacinths and harebells, too: And from a sunbeam makes a cowslip fair, Or spins a gown for a daffodil to wear. She pulls the cover from the crocus-beds, And bids the sleeplers lift their drowsy heads; "Come, early risers! Come, Anemone, My pale Wind-flower, awake, awake!" calls she-"The world expects you, and your lovers wait To give you welcome at Spring's open gate." She marshals the close armies of the grass, And polishes their green blades as they pass; And all the blossoms of the fruit-trees sweet Are piles of rosy shells about her feet. Within her great chamber she distils The dainty odors which each flower fills Nor does she err, and give to mignonette The perfume that belongs to violet. Nature does well, whatever task she tries Because obedient-there the secret lies. -Circleville. Ohio.

WATSON HESTON

Watson Heston, whose portrait honors this magazine this month, as frontspiece, died at his home in Carthage, Mo., Jan. 27, 1905. Mr. Heston was the well known Freethot Cartoonist, who so effectually ridiculed the absurdities of the Christian religion, during the last thirty years. Mr. Heston was born in Ohio, Feb. 3, 1846, and married Miss Lottie Agers, Feb. 3, 1873, with whom he lived happily the balance of his eventful and useful life. He began cortooning for the Truth Seeker Co., in 1876, and all the Freethinkers are acquainted with his wonderful work. I was personally acquainted with Mr. Heston, and his amiable wife, and

visited them several times during the year that they lived in San Diego, about 1890. He was not well, but always busy with his cartoons, and other work. He was very companiable, and of a bright sunny nature, and bubling over with wit, and good nature. Mr. Hestor's last cartoon was made for HIGHER SCIENCE, presented by Wm. Plotts, of Whittier, this state, and published as Frontispiece for Jan. 1903. He left no children, and Mrs. Heston writes me, that he died at last, without pain. His name will live long after Christianity is gone. He was buried at Carthage, Mo., and there was no religious mockery practiced over his body. Every request he made was carried out to the most minute detail. Let us as Freethinkers, now do in his memory, and for his patient and sorrowing widow, what we should have done for both, during his hife.

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Do not fail to sign the petition or protest to the State Legislature, against the law to force the teaching of the Bible in the public schools, which one of our Los Angeles bigots has introduced. Write to all the Representatives and Senators you know, and call their especial attention to the nastiness of the vile old book.

In the death of the great Freethot cartoonist, Watson Heston, Christianity has not lost it's enemy. His work will last as long as there remains a Christian biggot on earth.

Prof. Perrine, of the Lick Observatory, has discovered another, or seventh, moon for Jupiter. The farther from the sun a planet is, the more moons it has, and as they fall towards the planet, the faster they travel. Our earth is the oldest planet to retain a moon, and its approach to the earth is already measured.

The doctors of the State are trying to pass a law which will make it a crime for a druggist to sell any drug to any common person(peon, surf or slave), without the said peon has an order from an M. D. which of course, has to be paid for, the same as you pay four-bits to have your sins forgiven. 'It might act as a discouragement in swallowing drugs and thus inure to the ultimate benefit of humanity.

We have interesting articles from a large number of subscribers, which we would gladly publish if we could possibly spare the space. One of these is from Prof. A. A. Caswell, on the marriage question. Another is from J. S. Sargent, of Estero, Fla., and is the most sensible explanation of Koreshanity which ever came under our notice. He is however, filled with the idea that the only true science, is contained in the bible, in the shape of mystery.

Rev. B. Fay Mills, with whom the editor once had a personal encounter at San Diego, while he was a great evangelist, is now a citizen and fixture of Los Angeles, has reformed, kicked over the relig-

ious traces and received the combined curse of Christianity. We wish to congratulate Mr. Mills for his good sense. Altho he has not altogether received the whole truth, he is leading vast hordes out of the dark ignorance of superstition into the light—and is gradually receiving more light as they follow.

Paul Tyner, the manager of Ella Wheeler Willcox, and New Thot, also librarian of Lotus library, writes a long letter deploring the fact that HIGHER SCIENCE is "beating a dead dog" when it ridicules religion. Paul is mistaken. The dog is not dead, except to people of intelligence. There are millions combined to commit any crime in the name of God, and we are robbed by them every day. They force us to pay their church taxes, poselyte our children, advertise their monster of a God on our money, and remain as they always have, the curse of humanity.

About twenty people who cure without the use of drugs, have been arrested, and are to be tried for that crime, as soon as counsel can be heard. Is it possible that we will yet be driven to Russia, in order that we may have more freedom. Our old friend, Dr. H. H. Dow, of Pasadena, never yet failed to cure a cancer, but he is arrested. Prof. Gillford the phrenologist, never fails to tell what is in your head by the bumps, but he is on the "black list," and Hillingsworth, who never fails to cure by electricity, (a quality of heat) is another criminal.

The "great revival", in the city, turned out to be a signal failure. One leading divine admits that altho he received a number of "letters of intention" from children, back-sliders and ex-convicts, it is doubtful if any of them join the church. It seems as if intelligent lecturers, like Mills, Murphy, Tyndal, McIntire, Tanner, Gilford and the various clubs, can interest even the ignorant, more than the preachers can.

We have on our table"Refutation of the Theory of Atmosperic Pressure", by Chas. Heintz, which is a 16 page booklet, in which he maintains that what is caled atmospheric pressure, is magnetic cohesion and adhesion. Mr. Heintz is a citizen of San Pedro, and a member of our Los Angeles Liberal Club. Whether or not he can sustain the position he attempts, we are proud that he has the daring to oppose an old theory. (

The Chicago postoffice, is the best regulated in the world, and is the only one which promptly notifies this magazine of the death or removal of its subscribers.

The Society of Science, Letters and Art, London, by council Feb. 17, passed their special vote of thanks to the editor of HICHER SCIENCE for certain articles, etc., which they have discussed. The said editor was made a life Fellow about 16 years ago.

M. V. Wright, of Huston, Texas, who contemplates removing to Los Angeles in the near future, has commissioned HICHER SCIENCE to deliver a letter to the Honorable City Council, offering to present them two white faced monkeys for the Eastlake Park Zoo. He will be traveling for some months before settling, and is anxious that his little pets shall have a good and permanent home in this delightful climate.

A fellow by the name of Munhall, at Jacksonville, Fla., is preaching the old fashioned hell-fire-and-brimstone religiion and converting hundreds of those god-ridden southerners, most of whom are black, and all of whom are in the darkness of ignorance. This well fed servant of our dear heavenly father, has discovered the exact location of Hell, which is "what was formerly considered a fixed star and is only an immense conflagration, many millions of miles in diameter, lately discovered with the great California telescope." This he considers a sort of brimstone center where the scientists, philosophers and enemies of filth are burned forever by a loving and merciful father. A subscriber at St. Andrews sends one of his sermons, which would send any man to the penitentiary who was accused of a crime.

We have received and read with pleasure Dr. H. L. True's new book, "Cause of the Glacial Period." The doctor had never heard of the theory of a procession of planets toward the sun, when he wrote the book and we are curious to know what he may think of its explanation of the cause of the glacial period. This is a neatly printed and bound book of 160 pages and the doctor has a very ingenious theory, well worth studying.

The fact that all atheists are intelligent and honest and that the greatest criminals are Christians should open their eyes to the fact of their inferiority, and would if they had enough intelligence to make the observation. To begin with, their god is the lowest conception of an unfeeling and depraved monster who demands undying flattery. Neglect this flattery and he will punish us with never ending hell-fire and brimstone.



Some people come to the altar and struggle and pray through to victory on Holy Ghose lines, and the shine is seen upon their faces. By and by they say they are saved, sanctified and sweetly kept, but they have gone back on what the Lord showed them at the altar, and they are like the dog that hath returned to its vomit. They say they are happy, but people who have the Holy Ghost know they are not and know that they are not getting their prayers through.—Burning Bush.

The above *Bush*, not being in the Push, is sour at the other churches and don't believe they stand a ghost of a show to dodge Hell-fire, unless they come via the *Burning Bush* route.

J. Monroe Anderson, of Muncie, Ind., renews his subscription and says:

* * * Hope you may get the 20,000 new subscribers this year. * * * I understand the beauty and harmony of your theory, as to the planets falling to the sun; but I cannot understand why the hot gas of matter expanded at the sun does not cool off and contract before it reaches Neptune. * * *

After matter is expanded to gas, it is not so easily condensed into solid mater as would appear at the first blush. Our atmosphere is a very simple gas, and yet it requires 400 degrees below zero to reduce it to a liquid.

Gen. III: 4. Ye shall not surely die; for god doth know that in the day yet eat thereof then your (mental) eyes shall be opened; and ye shall be as (smart as) gods, knowing good and evil.—Satan.

Speaking of our work for humanity, Adam Boshore, of Brewster, Neb., says:

* * * I like the manner in which HIGHER SCIENCE deals with the sacred reprobates of the past. What are these apostles, saviors, saints and virgins, after the mask of Idealism is striped from them? HIGHER SCIENCE no doubt stocks the credulous, ignorant and brutal, as truth always does. * * * I hope you

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will put a clause in every deed, when you sell a lot at the Cliff-Dwellers Place, that no idea of a god, savior, Devil, prostitute virgin, wise I'olygamist, saint or "man after god's-own-heart," shall ever be taught on the said premises. I thoroughly admire your article on the religion of Lincoln in January number. Intelligent people know that slavery was and is a divine institution, and also that in the darkest days of the Rebellion, when the war was voted "a failure" and when he was surrounded by spies, he issued the immortal emancipation proclamation, contrary to all religions. *

In the first article of March Stuffed Club, Dr. Tilden says, amongst a dozen or more pages of good hard phylosophy and reason, which every reader of HIGHER SCIENCE shrould send for (to Denver) and read entire:

* * Nature never shows any tendency to change her order; the planetary bodies keep their course, never varying from the order of their natural necessity. Old Earth swings on to her doom in the procession
of planets. So far removed is her beginning and her end that man can scarce gather enough data within the era of his memory and records to mark a change; yet change there is, and end there will be; but the change is order itself, there is no vacillating, c rying nor hysteria peculiar to man and mind.

One of the best evidences that mind has nothing to do with order is the absolute consistency of nature; yet man, in his ignorance and conceit, ascribes to mind omnipotence, whereas the truth is, mind is the only phenomenon in all nature that shows any tendency to vacillate, proving, if it were possible to prove anything to a mind made up, that mind is the only unstable so-called entity in existence.

If order is an evidence of mind, then the mind that rules the universe is mind, and the conceited, vacillating, envious, prejudiced, hysterical, vainglorious attributes of man, called mind, must or shoud be known by . some other name. In lieu of anything better it might be called *mud*.

If man's mind is mind, then the force that governs this universe should be called by some other name, for the two are as unlike as any two opposites. I admit that the God of man's creation has a mind like His maker, but I dispute that He has anything to do with the running of this universe.

Scientists and astronomers are beginning to bewail the fact that the nebular theory will have to be revised or abandoned. Speaking of Mr. Perrine's 6th moon of Jupiter, the *Chicago Chronicle* says:

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* * What is probably the most important detail of Mr. Per-

ine's story is his belief that the sixth satellite of Jupiter moves in the opposite direction from the other five. Should this preliminary impression be confirmed, it will be seen to have a bearing on the nebular hypothesis.

One of the chief reasons for thinking that the whole solar system was organized out of a whirling mass or sheet of matter is that the planets all revolve around the sun from west to east, and that nearly all of the moons of the various planets move in the same manner about their primaries. Seven exceptions to the rule have been noted. Uranus has four moons and they are all said to have a "retrograde" motion.

The significance of this peculiarity is impaired by the fact that their orbits are almost at right angles to that of the planet, so that it is hard to say what is a forward or a backward movement. Neptune's sole attendant affords a more striking instance, and so do the ninth satellite of Saturn and the sixth of Jupiter. The oddity of their behavior is explicable on the assumption that they are adopted children of their parents --waifs picked up by the latter, just as certain comets have been attached to the solar system by the attraction of the large outer planets. * * *

* * * I send this effort by request of one of your subscribers, but am too modest to wish my name mentioned. * * *"

Europa was fond of a bovine mate,

So Tove became one of her cattle,

And soared her away in a towering state,

And wonderful stories grew out of her fate For priests and old women to prattle.

But Leda was dainty, and wisely preferred, To be caressed by a swan;

And then by a thought or a magical word,

King Jupiter changed himself to a bird, And a fine feather coat he put on.

When Jove enticed Mary, the Virgin, he chose The form and mein of a pigeon;

If he again comes courting, who knows

What he will be? Perhaps he will pose

As a quacking, waddling widgeon.

M. V. Wright, of Huston, Tex., sends subscription and comments as follows:

very much pleased with it. You seem to be studying the Scriptures in the light of reason, and criticism is the best argument you can set up to the Christian. . . Last August, a year ago, I spent in your city and was favorably impressed with your city government. . .

It seemed strange not to see the Salvation Army raising cane on your streets. I did not see a begger, dope fined or much smoking and not squirting of amber on the sidewalks.

Why is it that horse thieves and swindlers make successful evangelists, converting and saving souls equal to the best of them? Dick Merrill, a noted Kentucky horse thief saved souls, while his confederates relieved the congregation of their horses. And here is our Rev. Arthur, (now in jail) awaiting the action of the grand jury for forgery and swindling on a big scale. His evangelistic qualities, they say, are superb.—*Paris, Tex., Examiner.*

Mark iv. 11, 12—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 (lies); 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 forgiven them. Jesus Christ.

This looks as if our blessed savior was planning to land them in Hell-fire-and-brimstone. He comes into the world, not to bring peace but a sword, as he declared.

Mt. Sterling, Ky.

Dear Friend: There is a difference of seventy per cent between dollars and quarters. I take advantage of your 25 cent trial offer. I trust that by reading H. S. old Mephisto will use his broom freely to sweep some of the old cobwebs of superstition from the minds of the most orthodox. It is bound to become a specific against theomania and its kindred diseases. Taken as a diaphoretic, one dose may increase perspiration to such an extent as to inure one to Tartarus. Should you ever be troubled again with boils I would advise you to use Hezekia's fig lieament, for sale at all prayer shops (beware of imitations), and if you doubt its efficacy the Lord will set the sun backward ten degrees toward the east. This will not only be a sign that your boil will soon be O. K., but will give the Japs a chance to kill a few more Russians.

A friend of mine who read my little red book told me that he wants your new books as soon as you have them out.

Find enclosed two of Uncle Sam's confidence buttons, one as a tack lifter for myself, and 4 for trial orders. Yours for humanity,

EMIL FREDRICH.

Our Dumb Animals (a dog paper) has a picture of a dog and woman, labeled, "My Mistress and I," and says of it:

This picture is one of about forty illustrations in "Master St. Elmo."

We suggest that the whole thing, pictures, book and all, should be suppressed, in the interests of public morals.

Deut., XIV; 21: Ye shall not eat of anything that dieth of it-

self; thou shalt give it unto the stranger that is within they gates, that he may eat it; or thou mayeth sell it unto an alien (neighbor of foreign birth).—God.

A friend and subscriber asks the following questions. Will some one, or more, please send in answers?

Will you kindly answer the following questions: Why can we see through expanding matter for millions of miles while the thinest sheet of metal, paper, etc., will obstruct our vision? Why can we see through liquids (pure) in any form? What is the relation between niter, nitrogen, nitric acid, air and liquids? Why can we see through glass, being a solid. and not through various minerals?

The man who made the biggest fool of himself at election will be the first to denounce the excitement of a revival.—Ram's Horn.

There was so little excitement at the recent great Los Angeles revival, that it would hardly be fair to use it as an illustration. The night that the preachers paraded in the rain and mud was the only time when people raised the windows to look at them and only then to laugh.

H. Austin, of Connellsville, Pa., sends \$1.00 for four new trial subscribers for one year and says:

* * I am very much interested in your theory and it seems to me altogethre probable. * * * There is another feature I admire, and that is your freedom from all blighting superstition, and advocacy of freedom of thot. I have been a Freethinker all my life. * * *

Some sensitive souls feel they cannot enjoy their Christmas dinner until they have given some poor soul a suit of worn-out summer underwear.—Christian.

Some reprobate has been imposing upon this servant of god, by donating old dirty linen (more likely cotton), instead of cash. Well, brother, you have the advantage of being in a position to send him to Hell, to burn and suffer forever, so "don't worry." He will not need his summer underwear, when you get in your holy work.

Dr. N. T. Tanski, of Cincinnatti, Ohio, sends subscription for four new names, etc., saying:

* * By a happy accidnet I have come in contact with HIGHER SCIENCE and fell in love with it at once. Taking advantage of your kind offer to send 4 sample copies I year for \$1.00, I inclose \$2.00 for following addresses, books, etc. * *

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 terace 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 arebeing 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.

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