

doubt

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EDITED BY

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THAYER

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DOUBT

The Fortean Society Magazine

Edited by TIFFANY THAYER

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FIRST PRIZE

It's MFS Lasko, this session, with a very short item from the Pittsburgh *Bulletin* of 11-29-49 old style: that bright yellow X's have been painted on the wreckage of 4 planes, down in the Catskills, 'so that rescue pilots from Westover Field won't be confused by the old wreckage when searching for missing planes." Your chances of surviving a flight across the Catskills couldn't be stated much more plainly than that, could they?

Cooperstein, second: that syndicated, copyrighted feature, *Strange As It Seems*, states that the planet Pluto was photographed in 1919, but nobody knew it until 1930. "Pluto . . . had been obscured by a piece of lint." (Now, there's a job Sir Hubert Wilkins could handle—lint blower-offer at Mt. Wilson!)

Bristol, third: that the honorary corresponding secretary of the W.C.T.U., Mrs. H. Cecil Heath, "emphasized" — last November — that the Union "is not against contraceptives, but against their promiscuous sale in (slot) machines where anybody, including children, can buy them."

In lining up these juiciest morsels from now on, H F F S Russell will be a class unto himself. His own keen scent for the datum diabolique, and his access to the Liverpool *Echo*, combine to place him — monotonously — among the first three. Accordingly, we segregate the high spots from among his contributions and print them separately, to give the rest a chance. "Russell's Best" follows this article.

The runners-up were Morrison and Bowring with the explosion of a "fog" at Oleum, Calif., near Martinez. One woman was killed and two men seriously injured, 3-12-50 old style, when a cloud, alleged to be fumes from the Union Oil refinery, were ignited, probably by an automobile on the highway. A leak in an overhead pipe carrying waste from the refinery is blamed. The casualties were passengers in cars on the road.

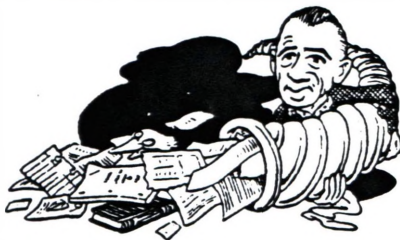
Lasko also sent in the story of a man killed in his home by the fall of a tree miles away. Howard Mc-

Math was insulating his home, 2-13-50 old style, at Five Mile Lake, Wash. Wind blew a tree across a power line, breaking it. A second power line was thus overloaded and "shorted" against a telephone line. The juice ran under McMath's house, grounding on the water pipes. His furnace blew up. He raised up suddenly, hitting his head on rafters — and died of a broken neck. (Also cf Russell).

Lasko: that the ballots, ballot box and poll books disappeared after an election in Soap Lake, Wash., 2-24-50 old style. Population, 2,500. The mayor was a woman.

Lasko: that a witch doctor in Dar-es-salaam, Singida, Tanganyika, asked the local police to help him collect a bill. The doc said that his client "asked me to call a lion to kill his enemy. I did. The enemy is dead. Now he won't pay." Phila. *Inquirer*, Dec. 11, 49 old style.

Bristol: that a mailman in Winters, Texas, smelled smoke 7-12-49 old style, and then saw his shirt smouldering. "A hole the size of a silver dollar had been burned in it . . . guessed refraction of the sun through his auto window set the blaze." Seattle *Times*.



RUSSELL'S BEST

Out at Berkley, "a team of atomic scientists . . . working under contract with the Atomic Energy Commission," produced a new element — number 98 — "a strange invisible substance" which does not exist naturally. Called the "heaviest" atom ever known, "but it was so unstable that it turned into something else after a couple of hours. The scientists had to work fast to identify it chemically. They suggested that its name should be Californium." Aye, brother!

That worms have eaten the bases of 16 United Nations flagpoles, at Lake Success, so badly that two of them fell down. Poetic and prophetic, that.

A colony of 100,000 specially-bred mice is being studied at Bar Harbor, Maine, by Dr. Emil Fredericson of the Roscoe B. Jackson Memorial Laboratory. The object? — "to discover the cause of mankind's wars." . . . That's what it says . . . (All the above from the Liverpool *Echo*.)

Reynolds News printed this, in Jan.:

"Amulets of gold, cornelian, crystal and rock amethyst were found on bodies recently unearthed in a cemetery used 5,000 years ago at El Qatta, in the Western Desert (of Egypt) . . . In the hands of other bodies were silver and bronze coins — their fare for the journey to the other world. (Now get this . . .) These finds are the result of the first scientific study of the cemetery which has often been plundered." The italics are Russell's, and he gives it the heading

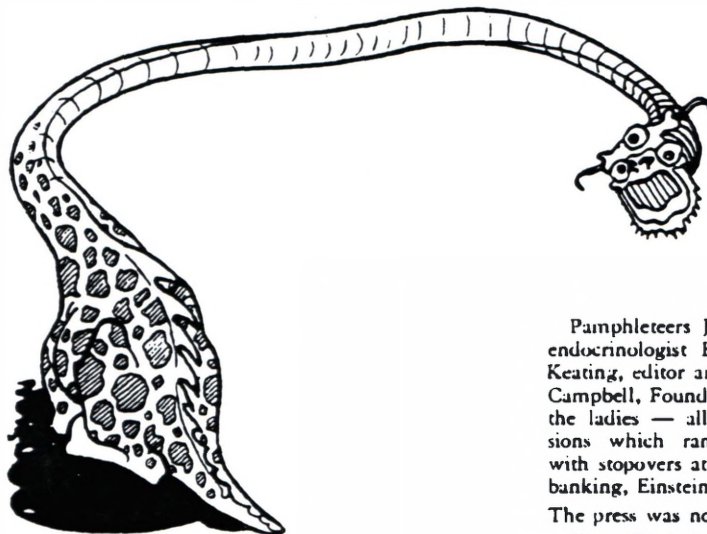
— THE PRECEDENT.

A pet spaniel bit its master at Warrington, England. A day later, when he went to have the wound dressed, the doc gave him an injection of anti-tetanus serum

which killed him. Coroner's verdict, "death by misadventure." Manchester *Guardian*, 2-14-50 old style.

After the Holy Door was opened in St. Peter's Rome, last Christmas Eve, the priests got chilblains, so "glass screens" were fitted into the doorway to keep out draughts. Reuter.

Tis Bits, Dec. 31, states — without naming individuals or institution — that "scientists . . . recently returned from . . . South Africa . . . dived (an aircraft) toward a flock of ostriches . . . the female birds open their legs wide and stick their heads into the sand."



NO SUCH ANIMAL

One washed up on the beach at Delake, Oregon, Mar. 7, 20 FS. On Mar. 13, Orthodoxy spoke: "Whale blubber." . . . It had to be whale blubber, said the "expert", because a whale was the only critter that grew so big. That's simple enough, isn't it? . . . MFS Markham suggests that it might have been a pilot from an interplanetary vessel. *Cr* — besides Markham — Wakefield, Raven, Bristol, Stevens, Pollard, Hoernlein, Giles, Gee, Trupp, and many others.

A group of Britons were reported leaving to search the sea for one — 1-29-20 FS — and a group of Danes, out of Copenhagen, ditto, 2-19-20. *Cr* Haliburton, Russell, Elender.

Live one — known as "Caddy" to the neighbors around Vancouver, B.C. — said to have been seen Feb. 9, Mar. 8, 11, 12. *Cr* Gee, Hoernlein, Russell.

GARRY DAVIS DINNER

The question mark which was placed after the name of Accepted Fellow (19 FS) Garry Davis, when he accepted with his fingers crossed, was removed May 2, 20 FS. A group of New York City Fortean, which included three Founders and more than a dozen of the pacifically-inclined, together with several of their wives, welcomed Garry at an informal dinner (without speeches) on that date, and YS was left with the impression of fine understanding and sincere respect exchanged by all hands.

Garry and his bride, Audrey Peters, are both Fortean, born, and the Society can rely upon them to carry that viewpoint with them wherever they go.

We were particularly lucky to catch Scott Nearing between debates in Philadelphia and Brooklyn, at the end of the Vermont sugaring season. As a veteran campaigner for rational human relationships, and one who has solved the personal problem of living in self-respect under a shamefully organized economic system, Scott made available his life-time of experience toward the promotion of the "world-citizen" concept.

Pamphleteers Jay J. M. Scandrett and Paul Bleek, endocrinologist Harry Benjamin, M.D., actor Fred Keating, editor and "contemporary-archaeologist" Jack Campbell, Founder Sussman, MFS McMahon — AND the ladies — all contributed mightily to the discussions which ranged from vegetarianism to Venus with stopovers at Aristophanes' *Lysistrata*. Renaissance banking, Einstein and "leadership" *cum* demagoguery. The press was not invited.

Garry Davis is *in*.

Over in France some of the World Citizens are carrying on the good work. They publish a paper called CRISTAL. Send them whatever you can afford — try to make it \$5.00 — and they'll send CRISTAL as issued. Address A. Fux, 4 rue des Francs Bourgeois, Strasbourg (France).

WHOSE UNIVERSE?

The announcements of an explosion on Mars were just beginning to come in when DOUBT 28 went to press. We observed., p. 3, that the Huns (see any 1917 newspaper) had been "ordered" to watch the planet. Later accounts disclosed that the announcer was Tsuneo Saeki of Osaka. The color of the "cloud" on Mars was described as "dirty yellow", an odd coincidence, since that is the color lately attributed to the bellies of all Tsuneo Saeki's countrymen by the hate-factories of Washington, D.C.

The freeprez in America quickly shifted the emphasis to "World director Walter Haas of the Association of Lunar and Planetary Observers," and God-fearing Pruett devoted his syndicated column, of 2-26, to discounting the observation — "no confirmation seems available from other astronomers" — "made with a relatively small telescope" — "the observer has no place of scientific honor in Japan" — "it was considerably overdone in the news."

Pruett is probably not responsible for the headline of his piece. Most headlines are written at the copy desk, not by the authors of the body type. Before us is the Pruett column from the Seattle *Post-Intelli-*

gencer. The slug at the top is "OUR UNIVERSE". Presumably the pronoun refers to the publishers of that paper. Then the big headline "BLAST ON MARS NOT CONFIRMED" — and, in smaller type — "Jap Who Reported Only An Amateur."

We scarcely have to point out to Forteans that the chief difference between amateur and professional reports upon astronomical matters is that the professional reports refer mostly to objects which are invisible.

No U S wyper which has come to hand printed the first story (AP, Tokyo, Jan. 27) in full, but we have a cutting of an Edinburgh paper giving more details, notably that Saeki is a "Mars expert" of the East Asia Astronomical Association, but that he is "not even a regular member of (the Haas group) because he is too poor to pay his dues in dollars."

John J. O'Neill, who has convinced YS face-to-face that he is *not* "the Republican Kaempfert", made no objection to Saeki's report, but used it in his column, of 2-5, amplified by "fireworks on other planets", specifically Saturn and Jupiter. Jupiter's red-spot has been changing color and shooting gas, and one of Saturn's rings has partially collapsed. The collapse of the inner ring of Saturn is of special interest to Forteans because it is a confirmation of the planet-building theory of Isaac Newton Vail. O'Neill does not mention this. We refer him to that writer's canon, especially to *The Earth's Annular System*, Fourth edition, Pasadena, 1912. The book was first published in 1902.

The most wonderful part of the Mars observation is the detail that the dust or gas from the supposed "explosion" rose above the surface of the planet "60 miles" accto AP, "40 miles" accto UP. The UP doesn't usually let AP get ahead of them like that, but, either way, it is by such nicety of measurement that the Queen of Sciences retains her crown. We are asked to believe that a difference of 60 miles can be detected at a distance of between 35 million and 63 million miles. Or is that merely Saeki's effort to look professional by dealing with invisibles? *Cr* Firestone, Bonavia, Gee, Clarke, Trupp, Raven, Hoernlein, Young — and many others.

One month later the professionals announced a new asteroid that was not only invisible but — "Its speed is such that it could not be put in figures comprehensible to a layman's mind," accto Dr. Dinsmore Alter, L. A. *Cr* Wakefield, Oltscher, Hehr, Bloch, Reagan, Hoernlein, Gee, Trupp, Lasko.

FORT INFLUENCE

The number of magazine writers who refer to Fort in their work has already become too great to trace and record with any accuracy, but we may still be able to keep a count of such references in published books. If you will all help, this should be a valuable addition to Fortean bibliography.

The first — that is, the earliest — item we have is:

King, C. Daly: *Obelists Fly High*, Harrison Smith and Robert Haas, New York, 1935.

If anybody knows of an earlier mention, we should be delighted to have a copy of the book.

The interim items are being compiled. Send in any you have. Current are two:

Newman, Bernard: *Flying Saucer*, Macmillan, New York, 1950.

Brown, Fredric: *Compliments of a Fiend*, Dutton, New York, 1950.

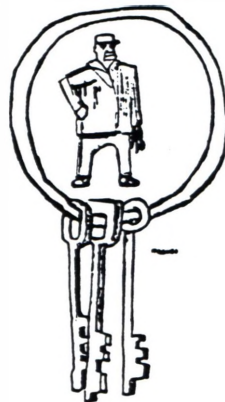
INCLUDING CANCER

MFS May Cline, Phillipsburg, Route 2, New Jersey, has put her convictions about "The Miracle of You" into a well printed booklet by that title, "Including Cause and Care of Cancer", 39 pp., stiff blue cover. YS hesitates to recommend this work as a health measure, but no Fortean's library is complete without a copy. It is dedicated to Dr. Nikola Tesla and Prof. Ernest Mach. Of Tesla, the author writes —

"Dr. Nikola Tesla, Inventor of Indirect Electric — and great Physicist as he was, found the correct principle. It delivers full power. No mortal would be able to give the Primary Push — a Hammer Movement. For electric is a Motor Energy — one of the two in existence.

It moves straight ahead and is always positive, — as can be seen in Television. It is not a gas, but is a unique substance, without any weight at all! It can not bend. But, if an electric beam falls upon an obstacle — a protuberance on a planet which can reflect — the ray is split in a thousand lines! The reflection is due to another substance — a gas — which stretches in long lines — Ether. To this living pictorial gas is due all static vitality. But, with Electric it becomes a motor vitality. (Ether makes the webs and silks of Creation.) Electric can not unite with it as a combination. But electric is able to amplify or vibrate and move ether fast or slow. If slow — vitality, or life comes forward. If fast — a bright light appears, increasing according to higher vibration. The Ether is full of pictorial quality, and imitates form. It is reflective. And it is veil-like, and weighs but little. There are seven substances and gases. Two of them make a double, yet are separate. These are the Motors".

No price is fixed for this booklet, but YS suggests that you send 25 or 50 cents along with your request, to help Miss Cline with the overhead.



CONCHY BOOK READY

The book made by Holley Cantine and Dachine Rainer at Bearsville, N. Y., as described in DOUBT 27, is now on sale. The title is *PRISON ETIQUETTE*, the Convict's Compendium of Useful Information, by the Inmates. Christopher Isherwood has written a preface, and Lowell Naevé has drawn some pictures, and you may have this living thing to keep forever as your own, for mere money. Send \$2.50 to the Retort Press, Bearsville, N. Y.

BRITISH DUES

Members of the Society in any part of the world who are prohibited by law from sending money to the U S A may pay their dues in Sterling to Eric Frank Russell, at the address on our mast-head. Annual dues in Sterling are 8/-, which is the same rate as prevailed before devaluation of the pound. Russell informs YS of payments, and paid-up membership cards are issued from N. Y. C.

Books on our list may be bought in this way too, but only at the present rate of exchange.

POLIO AND TONSILS

Pursuant to our suspicion that so-called "polio" is caused by yanking out tonsils, YS has discovered by sheerest coincidence that the medical profession knew at least as early as the year 7 FS (1937 AD), that the organism which produces this disease — then called "spinal meningitis" — is harbored in the posterior naris, which doctors call "Rathke's Pouch", and Rathke's pouch is located behind the nose, in the upper part of the throat.

Ask your doctor if he ever heard the theory that epidemics of this disease were spread by "carriers" who — themselves unaffected — went about with their Rathke's pouches full of meningococci. Ask him *before* he takes out the tonsils of anyone you love.

Who can figure out a means of learning how many patients at Warm Springs still have their tonsils? YS is writing to ask. We don't think they'll tell us. We think they'll keep that secret or lie about it because the percentage is so low.

ANON WRITES

Page 198 of 'Report of Director of Selective Service' U.S. Government Printing Office, 1942. (this covered the pre-Pearl Harbor period) lists the various groups which had one or more conscientious objectors to military service. The list contains (a) most of the familiar religions, (b) many of the sects encountered only in the listings of such ephemera as the World Almanac, (c) innumerable outfits I — who am mildly well-informed concerning opinion variety — never heard of. My favorite on the list is "Scientific Order of Spectochrome Metrists." I have, believe me, no curiosity concerning the minutiae of their tenets. Suspected merely that news of their existence, if previously hidden from you, would be heartening.

MORE RESPECTABILITY

The tenderness of YS toward John J. O'Neill, expressed just above, is a sign of these vicious times and should stand as a warning to all Fortean to be wary. Perhaps we can't stop the Fortean attitude from becoming universal, but the very inevitability of that should make us the more alert not to abuse our power as our majority increases.

The old saw was: "When the American people want Socialism the Republican Party will give it to them." We must not let that happen to Forteanism. Let us not be swallowed up. Beware this trend:

O'Neill has delivered two Fortean lectures before the New York Forum Association, and he is on the list for more next season. The lectures are delivered in the Wilkie Memorial Building, and they are arranged by a broker in Wall Street. Harper's and Collier's are exploiting Velikovsky.

The New York Times gives a front-page review to the same author's *Worlds in Collision*, and later fea-

tures an exchange of mildly recriminating letters between Velikovsky and Kaempffert.

Anthony Standen snaps at his own *mater* in a 221-page opus — *Science is a Sacred Cow*. (We couldn't phrase it better ourselves.) Get your copy from the Society — \$2.75.

The *Woman's Home Companion* takes page-space to advertise — "Menace in the medical labs — A girl patient in a hospital needed a blood transfusion. Shortly after the transfusion the girl died in agony." That is in the *Woman's Home Companion* — not in DOUBT, where you would expect to find it.

YS has several standing offers to put Fort on television, and regularly rejects radio offers for the rights to THE BOOKS. One of these came from the great Orson himself.

The most popular thrillers on the air concern interplanetary travel and other scientificfiction. That type of story is crawling up from the pulps into the slicks.

Aside from the anti-Red nonsense, the commonest "news" in the dailies concerns strange objects in the sky, and the very technique of handling this material is Fortean, inconclusive, controversial, judgment suspended.

The military is spending millions (which will become billions) for projects like talking to Mars, landing on the moon, guarding against invasion from other planets — all so fanciful that only we Forteans could entertain such thoughts twenty years ago.

Heads up!



GEORGE F. GILLETTE

This is the author of *Orthod-Oxen of Science*, *Rational Cosmos*, and other books setting forth his very spirally universe. The supply of these books has been exhausted a long time, and if we had the funds of the Gravity Research Foundation, we should reprint the definitive volume, incorporating the MSS changes which we have in Gillette's own hand, by courtesy of MFS Anthony.

As far back as DOUBT II we proposed to publish this work "by popular subscription", as the saying

goes, but the response was considerably less than fervid. Does anybody think well enough of the theory to donate \$900.00 toward the revised edition of *Rational Cosmos*?

Follows, here, a letter criticising Gillette's *Orthodox Oxen*, written by MFS Brancato several years ago. Brancato has contributed to the Gillette publication fund, despite his critical letter.

MFS BRANCATO WRITES

This letter may seem premature, my not having read "Rational Non-Mystical Cosmos" as yet, but it is the inevitable back-screwing reaction of my egomote to the radiations from "Orthodox Oxen of Science". I am sorry as the devil that Gillette is now upplaned from homoplania, because I should like a rebuttal from him on what I have to say. Perhaps you may provide it? or perhaps some advocate of the Gillettean Unitary Theory that you know of? He says . . . to show him . . .

"*Phenomena not resolvable into unit reactions*". In ultimotia the ultimote is a phenomenon to the ultimotian observer, just as (man) mass is a phenomenon in homoplania. Is the ultimote resolvable into unit reactions? No. If only reaction were the universe, there could not be the phenomena of organic existence. The essence of organic existence is the control and coordination of ultimotic energy, its upplanation to homoplania for a purpose. The upplaning activity is itself unitary. It occurs in Ultimotia, in Homoplania and in Maximotia, but nowhere between. Show how the phenomenon of the controlling coordinating, purposive awareness is resolvable into unit reactions—mind, not how it operates, which is through unit reactions, but that awareness itself. It is my contention that the ultimote directly manifests in straightion continuously in organic phenomena. That its tendency of going straight even before the first rebound has resulted in the evolution of what we call the organism—that the center of every organism is not its center of gravity physically (though this is itself the first evidence of the tendency to straightion of the ultimote) but the center of its awareness, a straightmoving ultimote, or (synonym) the neutral center.

"*Any mass construction which may not be upbuilt and constructed solely by ultimate unit reactions*." The organism, wherever it occurs is upbuilt by coordinated and controlled ultimate unit reactions, but about a center ultimote in straightion. All the ultimate unit reactions could not upbuild the mass construction of any organism without that neutral center.

"*Any other ultimate than reaction in the cosmos*." Space, as Gillette says, is Nil. Nil constitutes another ultimate. If there is a difference between thingness and nothingness—and that is that thingness is reaction and an ultimote—then the existence of that difference makes nothingness an ultimote, too. The tendency to straightion, which, in the ultimote, is not reaction, is an ultimote, in addition to reaction.

"*Any need for more than the three sane dimensions of space for the proper functioning of the phenomenon of reaction*." As reaction is defined by Gillette, there is no need. However, does not the incommensurability between planar sizes create an incommensurability of the space involved?

Between thingness and nothingness (space) besides the difference of reaction, is the sameness of concept. Thingness is a concept in homoplania; reaction is a concept in homoplania upon which the thingness

concept is based. Reaction is also the concept upon which the nothingness (space) concept is based. Since concepts indicate what is, it may be concluded that both nothingness and thingness meet and unite beyond the ultimote. The ultimote being thingness in ultimate and arising from the same ground as nothingness (space), and no-thing coming from nil, what is indicated by space must be, yet without Gillette's reaction. Whatever is, is reaction. Space, not reaction, is not. Which came first the chicken or the egg? Neither and both. Continuous straightion precludes the existence of thingness, reaction, and the non-existence of space, non-reaction. It came first and is ultimate.

The most certain indication of the reality of continuous straightion (the neutral center) is that motion can be perceived at all. All perception of all motion derives from the continuous (relatively) straightion of the next highest plane of size, and ultimately from the continuous straightion of Maximotia, unity. Maximotia must be in continuous straightion because it is Maximotia. (We should call it properly by a more suited name)—*there being no bumper but itself*. What are indicated by the words "maximote" and "ultimote" are not subject to *conception*, and these words are false and meaningless concepts in homoplania. No part may comprehend that whole in which it subsists—that whole could not be at all if it were not there in everyone of its parts, wholly and equally. The part may comprehend by the process of conceptions larger and larger parts of the whole—but it can only comprehend the whole by being it.

P. 96 and 97: "*Velocities of mass units start in Maximotia, at theoretical zero, and increases by enormous geometrical progression down plane to Ultimotia, where velocity is infinite*." Speaking of unscientific, irrational nonsense, may I ask what is "Theoretical zero" and "infinite velocity"? Velocity, to be velocity, must be measurable at least in mind. Measuring is a process of comparison between one unit and a larger quantity which has limits. An "infinite velocity", and "theoretical zero" for the same reasons, are false concepts.

P. 75: "*Titanic cosmic explosions*". No energy, in Gillette's own construction, is lost without an accompanying loss of mass: In upplanation of energy there is a gaining of both energy and mass by a topplane unit—but velocity of that topplane unit suffers loss in the inverse square as upplanation proceeds. In upplanation to the maximote topplane, which in the first place must be single, and in the second place can have no velocity, all energy and all mass becomes maximotic topplane. And this being so, no energy or mass, consequently no velocity, remains below maximotic topplane. I presume then that the nil of space would be considered left in the infinite range between the ultimote and the maximote. The maximote would then be hollow, following out Gillette's construction, containing all space. There could then be no tremendous pressure developed to cause any such mystic titanic explosion as Gillette hypothesizes.

There is rather an unexpectedly stupid error in Gillette's acceptance regarding the "giant maximotic sun". P. 75 "*Planets orbitally balanced against former solar gravitation, fall inside their orbits until they accelerate up to an orbital velocity sufficient to maintain a new orbit at that point*." If gravitation is



the backscrewing of heliocentric radiation, it still does not act except on the basis of "equal and opposite reaction on its own energy". If we hypothesize the increase of radiation by the growing mass, its effect will be the increase of the tangential velocity of the planets. The increased orbital velocity is the single and natural reaction to the increased backscrewing. The falling within its first orbit is superfluous and baseless. Further, the sun is both losing, by its radiation of energy and mass, and gaining *only* by the impinging of freely moving masses. No masses of any size can be "sucked" into the (picturesque but unscientific) "solar maw". This would constitute a violation of both the rebound and the straightion upon which Gillette's entire theory is based. However, his eye could not see the "hollow maximote" but could see the unit mass—so he saw what he could and wanted to see, just like Eddingstein and Co.

In this process of upbuilding the maximote from the ultimote radiation would begin with the ultimote. "In the beginning there was naught but eternal perpetual straightflying ultimotes". P. 70. The way solar systems come about is by the backscrewing of radiation—but there was no radiation yet to cause a backscrewing of radiations and the production of solar systems. So, for all the bumping and straightion, there was *nothing* to resolve the first ultimotes into orbits. The cosmos could not begin with ultimota for this reason, among others. Gillette fails to comprehend that space is a concept derived from complexed perceptions of rate differentials between mass units in all size planes and the mass unit in homoplane called the body. And that time is a concept derived from complexed perceptions of upplaning and downplaning mass-energy (ultimotes). Both concepts are direct expressions, in final analysis, of the awareness of the rate differentials existing between impinging unit masses of all size planes and absolute awareness (continuous straightion, the neutral center) . . . better secondarily removed, between impinging unit masses of all size planes and the nervous system. (Direct awareness of rate differential between a unit mass and the absolute awareness, would not be possible.)

The one mystery in the Gilletmos being the simple rebound of ultimote from ultimote—and the one mystery of Gilletmos to me being the first orbitation without radiation, over which he glides with great ease on a film of banana oil—yet there being between (and exclusive of) the ultimote and the maximote a great coherency in Gilletmos, we propose that his false and forced concepts employed at beginning and end be abandoned, and that before beginning and end are sought we attempt to explain the rebound. Could it be that the cosmic rebound which set off the whole process was between the maximote and

the egomote of Gillette?

P. 99 "All planes of mass radiate from themselves all lower plane rays, due to the centripetal crushing pressure of the mass' weight in itself, and also to the throbbing vibrations of its explosions and varying stresses." I trust Gillette is agreed that whereas mass is inherent in itself—weight is the measure of energy differential between two unit masses on the same plane. Mass does not exert any "centripetal crushing pressure" in itself—for this would mean that a unit mass, which is only the opplane aggregate of the energy mass concerned, can act as the mass on one plane upon its component unit masses upon lower planes. Presumably that higher plane mass to which the solar system contributes its bit is crushing the solar system? *Stresses must be reactions to outside interference with energy-mass on the same plane from which the interference comes.* There are undoubtedly myriad internal stresses in a unit mass, but no ground whatsoever for such explosions as predicated by Gillette.

P. 114 "Gravitation is naught but that reaction in the form of subplanar solar systems screwing through higher plane masses." If this theory of gravitation is correct: of two falling bodies of similar mass, one as near to perfectly transparent as possible, and one as perfect a reflecting surface as possible, should have different rates of acceleration, that of the transparent body being greater.

Yet there is a factor in screwing which Gillette has overlooked, and his theory of backscrewing is incorrectly stated: "sub-plane solar systems screwing through higher plane masses". The action of a screw through wood, metal or water is not the action of subplane mass screwing through higher plane mass at all. The screw in relation to the mass-energy it penetrates is a unit mass on homoplane screwing through moleculia—it is the action, always in our experience, of subplane mass in motion in topplane screwing through the homogeneous medium (relatively to the screwing mass-energy) of mass units on a lower plane. Obviously, in the relationships of sizes, this must follow: that only higher plane mass may screw-back-gravitate through lower through a medium of lower plane masses—and the reverse would be impossible because of the vast disparity in space relationship between unit masses on a lower plane and unit masses on a higher. Since the etheria unit mass sub-lies all the homoplane sub-plane (visible) mass-energy, all plane masses above itself, (itself constituting relatively a homopenous medium) screwing-back-gravitation through the etheric field in the sub-plane (visible) mass provides for the influencing of higher plane masses only indirectly: just as a screw in a door may be used to move the whole door. Further, there would result shavings, new radiations coming forth from the gravitated unit mass as a by-product of its gravitation. This constitutes further proof that no factor in Gillette's theory provides adequately for the first orbitation of the ultimote. The screwing of all radiation through ultimota would tend to backgravitate the Maximote itself, which cannot be. P. 17 "The ultimote ever travels at infinite speed, in all its planar snarls combined, every trying to go straight ahead, but, due to lower plane radiations' units' backscrewing collisions (gravity), it is being, in each plane, cross-snarled into planetary orbits, plane by plane." The ultimote cannot be subject to backscrewing-gravitation because:

1) it is the infinitesimal unit and indivisible, so could not be penetrated to be backscrewed.

2) there could be no radiation (if Gillette's statement on p.113 of gravitation is correct) sub-planar to it.

3) as a corollary to (2) no velocity could equal its own except, presumably, the velocity of another ultimote. To screw through it there would have to be a greater velocity.

4) it could not screw through itself, because each ultimote repels every other.

5) if my revision of Gillette's statement of gravitation is correct, the only effect and total effect of all radiation through ultimotia would be the backscrewing of the Maximote, again impossible, since it has no velocity.

An ultimote traveling at infinite velocity would preempt all of space, and there could be no more than one ultimote in that case. Two ultimotes (much less an infinite number of them) traveling at infinite velocity is an unmeaning and self-conflicting expression. (P.38 "No two ultimotes could ever occupy the same space at the same time.") If the single ultimote has infinite velocity, it has no mass and therefore cannot be a unit at all. Further, an infinite number of units, traveling at infinite velocity, in all directions in a straight line (p.62) would leave no room for reboundings or bendings of any type whatsoever because all space would then be preempted. The moment that condition were filled, that very moment and instantaneously the infinite velocity of every ultimote would become zero velocity, and that condition would be no sooner fulfilled than unfulfilled.

Since their velocity is not evanescent ($\frac{1}{2}MV^2$), it upplanes and you have the illogical result, an infinite number of infinitely great unit masses side by side. But, oh, Gillette interposes, mass is 360° motion. But, oh, I retort, wherefrom the infinitesimal mass of the ultimote which makes it discrete? You can readily perceive that the Gilletimote is the one exception to the laws of Gilletmos. Here is an abstract and infinite velocity which can have nothing to do with mass, disregarding $\frac{1}{2}MV^2$. Take the phenomenon of two unit masses in homoplania and observe that they rebound in straightness from each other. By statute of Gillette this tendency becomes the inexplicable property of the inexplicable Gilletimote. And then he weaves a universe out of it based upon the mysterious rebound. Out of his magic hat (crushing masses) he produces radiation which does not cohere with the Gilletimote. But he uses it as the cement which hold Gilletmos together. Behold! I have solved the mystery of why two masses, bumping, repulse each other in Gilletmos: because each mass thinks he's dreaming or seeing things and so he gets "skeered" because *he knows*, if Gillette doesn't, *that there's only one of him*.

The truth is that one ultimote moving at infinite velocity *must* preempt all space (without preconception as to whether it moves in a straight line or not) because in compliance with $\frac{1}{2}MV^2$ infinite velocity is the opposite pole of infinite sub-plane mass-energy. The ultimote and the maximote of Gilletmos are *identical*. The ultimote is \bigcirc : no subplane mass and the circumference expressing topplane infinite "velocity" whatever that word indicates. The maximote is \bullet : unity. Another and better expression of the same ultimote i-maximote polarity would be \odot : the dot representing the ultimote, infinite velocity or what have you, and the circumference the maximote.

The Chinese symbol of yang and yin expresses the very same relationship, with greater wisdom, actually representing the "below-the-maximote-and-above-the-ultimote" universe, with:

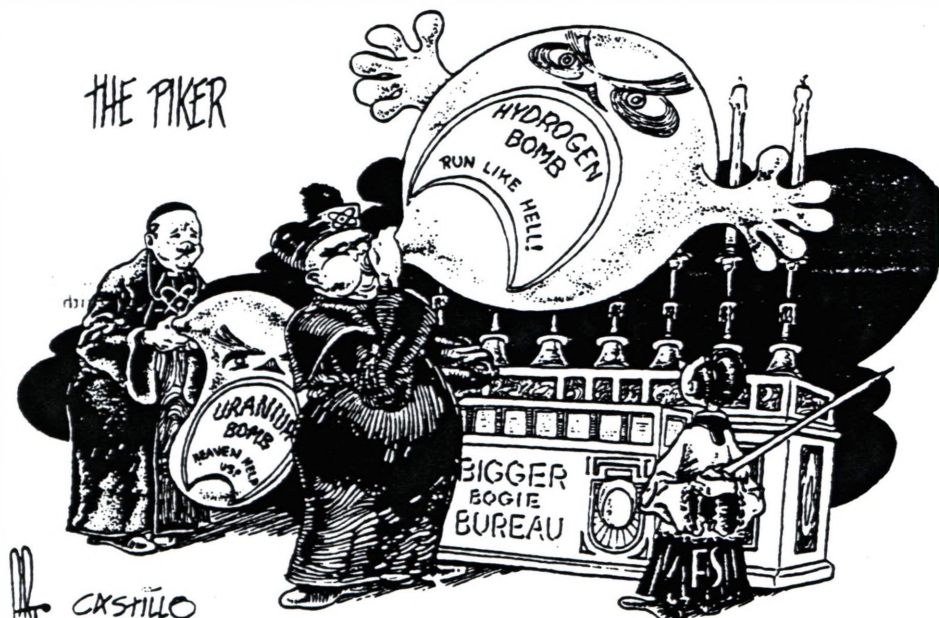
P. 114 "*Within an infinite Cosmos just how could one expect to find "absolute" rest, motion, position or velocity?*" Quite right, Gilletosopher. To an infinite Cosmos there is no "within", is there? Then put your ultimote and maximote out in the cold, there being no room for them in Gilletmos or elsewhere.

P. 131 "*Force is reactivity, the basic fact of the universe.*" I will agree that reactivity is a basic fact of the universe—but that that reactivity cannot be a mechanical reactivity is amply demonstrated by the above proof of the impossibility of two or more ultimotes existing in the first place to rebound. Rather than exclude that element of the observer, which makes him an observer, from the premises, as did Gillette, I would include it. And derive recubility therefrom.

P. 112 "*Mass energy surging up and down planes performs no special stunts in any plane. It but writhes, squirms, twists and contorts similarly up and down the myriad crinkles of the ultimotes' plane-spiralled paths.*" The ultimote and maximote exercise reciprocal limitation. Within the boundaries of that limitation (imperceptible to us and so termed infinite) is contained the entire cosmos, as Gillette predicates. Gillette uses the phrase, several times, through the book, "universe-plane-width apart", in connection with the phrase "in any and all planes of size". Relative to the ultimote-maximote any spatial or temporal change in the position of the observer *constitutes no change whatsoever*. In obedience to the law of symmetry, predicated but not fully developed by Uspenskii, simultaneously Gillette is Gillettophizing on any and all planes of size in Gilletmos. The concept of "planes of size" is a false concept derived from the illusion of linear infinity (clearly defined by Uspenskii)—false when used in a discussion of the ultimate nature of the Cosmos, whereas it may possess a relative value. The concept of the ultimote is, too, a false concept. The mind cannot explain space-time universe (from which it excludes itself), except by, without intent or knowledge, *projecting into space-time what it is itself*. If the observer is included, the ultimote concept vanishes, and the ultimote-maximote symbol enters in. The purpose of a symbol is purely and avowedly indicative. That of a concept is indicative, too, but so easily mistaken for that which really is.

Kant provisioned the boundaries of science and pronounced the universe as unknowable. Kant is the one God, and Gillette, his true prophet, has fully and finally borne out the word of Kant-God. Gillette rapped all around the truth, but because of his exclusionism, could not know it when he saw it as the ultimate. Yet as scientific theory, the Unitary Theory is great, opening up new vistas for scientific development, even if delimiting that development. Gillette is the herald of the abdication of Science from the throne of Western civilization, and the ascendancy of philosophy, as Plato used the word.

Take heart, all you Fortezans—you are no more locked in the middle of a rigid cosmic web, than is the infinite velocity of the single ultimote. Take heart, because there are an infinite number and variety of phenomena, without repetition, between the ultimote-maximote limits, and all are accessible



to you. You Forteans, with your acorn-gathering propensity, are *almost* a direct manifestation of the infinitely-velocitating ultimote. Keep velocitating, Brother Thayer.

REFORMERS INDEX

Forteans who would like to keep abreast of all reform movements, internationally, may do so by sending a dollar or two to Bert Taylor, Rigshaw Bridge, Adlington, Chorley, Lancashire, England, and asking to be put on the list to receive GENERAL WELFARE. This publication is issued serially and contains names, addresses and descriptions of groups all over the world organized for purposes they esteem to be good for people. The Fortean Society is NOT listed and does not wish to be, but Bert Taylor is to be commended for conducting this unique service, and we pass the information along for those who wish it.

NOW YOU KNOW

In Inglin one L. A. G. Strong, "a believer in Christian revelation", has joined the interpreters of James Joyce, writing one more volume on the subject. Mr. Strong finds that, "even Joyce did not realize the full range of his effort, which was not only to justify the ways of God to man, but to justify the ways of man to God; to show God how he should be worshipped."

PERPETUAL PEACE PLAN

(Continued)

For a long time now, not even a luscious sex murder or a rip-snorting train wreck — not even the

opening of the baseball season—has been permitted to crowd "REDS" out of the front-page headlines, day after day after day. Phoney trials in various courts, spurious inquiries by dummy Committees, all dealing with rigged evidence delivered in double-talk, have been conducted for no other purpose than to create this false "news". Nobody connected with these turkey melodramas — neither their authors, producers, principals, prisoners, witnesses or judges — has cared how any of their follies ended. As long as the "REDS" are kept in the headlines, it does not matter who lied first, second or third. The people who read the papers have had their daily dose of dope.

The Russian press calls this "warmongering", and a vast segment of the American public also thinks that this is the old razzle-dazzle build up for World Fraud III. Hardly anybody believes the tripe as printed, but lots and lots of people who have been put through these same hoops before think they recognize the signs of impending hostilities. Many are afraid. Mothers are organizing, preachers are decrying the manufacture of some bogey called an "H-bomb", individuals are buying tiny plots of ground away from the cities — a place to run to when the bombing starts — and so on.

Oddly, perhaps, YS does not share these fears or expectancies. Not notably successful as a seer, YS predicts that no man living will see another so-called "war" of any proportions. That was the last one. It's all over — and we can relax. What's more, this is understood (and agreed to) as fully by the top brass

in Moscow as by the O.S.S. in Washington. The rest of us are at the bodily disposal of the boys in the two saddles, and the only way to avoid their rivalry for mental supremacy, as well as physical, is through Forteanism.



This guess is based upon the following logic, which can be verified only by events, inasmuch as nobody has developed a means to document a wink . . . Modern technology has made nationalism completely obsolete, but the nationalists will cling to their sinecures as long as possible. Ideologically the world is already divided into two blocs, and no fewer than two is possible. This is not stated dogmatically, but by way of definition. How else define any idea save by contrast to what it is not?

Now, there are they, and here are we: neither "side" can win, and both "sides" know it, so that issue will never be tested, but ordinary slob — in the Soviets as well as in the States — are condemned to live from now on in an atmosphere of Hissing—Chandlers, Titoring-Mindzentys and mutual recriminations — perpetually. The only way to escape is via Forteanism.

SHROYER ON BUCK

Frank Buck died March 25, old style, in Houston, Texas, and that night two elephants escaped from their trainer in Pomona, Calif. . . . Of this coincidence, MFS Shroyer writes:

"Picture the delight of all the beasts in cages when the chitterings of the mice and the exultant cries of the cats informed them that the man who had imprisoned them was dead! How the elephants must have trumpeted and flailed their trunks in beast-like glee! What ecstasy in the zoos! And in Pomona great beasts moved through the night and brought their carnival to frightened men who no longer had the protection of Buck!

Pious help us all when Osa and Clyde depart."

Wasn't that the same date that an elephant in Sarasota killed a small boy?

MFS MEALY WRITES

"Well, if the religionists are shrewd enough to grasp their opportunity they might well turn Dr. Immanuel Velikovsky's *Worlds In Collision* into a best seller — thus killing 2 birds with 1 stone. For, after many centuries, they have a logical explanation of Joshua's Luck in *happening* to fight one of his battles on such a day. We see how the scribes of his time wrote it up in a way to glorify this barbaric chieftain, and made out that the leng-

thening of this particular day was a sign of divine approval and an intervention in behalf of Joshua by the Creator.

And yet Dr. Velikovsky's theory is not original. Over 60 years ago a professor of mathematics and military science at Yale College — it was a college then — wrote a book entitled *Joshua's Long Day* — and he advanced the same sound mathematics which serves Dr. Velikovsky to prove his theory as to how the earth could slow down. However, he wrote for and held to the British-Israel belief, and his book never attained a wide circulation. Now, times are altered, and the religionists—with shoe leather wearing thin, are ready to hop onto the commodious band-wagon of Science!"

LIKE GAS CASE

Elsewhere in this issue an "explosion" of free gas on a California road is noticed. Now — "Oil scum on the water" of Talara, Peru, blazed 2-16-50 old style, killing 9, injuring 6, and 1 is missing. *Cr* Reagan.



PYROTICS

Aura Troyer, 59, janitor, Bloomington, Ill. Found in basement of bank, almost all his clothing burned off. "It happened all of a sudden", was all Troyer said before he died. *Cr* Morrison.

Three old women in one day: Ellen K. Kelly, 83, Orpington; Mrs. Annie Coleshill, 66, Fulham; Mrs. Mary Forge, 94, Brighton, all England; Jan. 13, 20. *FS. Cr* Gee.

Carl Brandt, 33, Pittsburgh, unconscious on sidewalk, "most of his clothing burned from his body". *Cr* McMahon.

MARIE IMPERIA

A crewless vessel was found drifting on a glassy Mediterranean by the U.S.S. MacKenzie, 2-20-30 old style. Identified as "the British Army auxiliary *Imperia*" — Nobody could guess where the crew went or why *Imperia* drifted. *Cr* McMahon.

NOMINATIONS

Nominations for Fortean Fellowships have been received for the following persons:

Rainer Hildebrandt of Berlin, for founding an undercover organization known as *Kampfgruppe gegen Unmenschlichkeit*, Fighters Against Inhumanity.

Judge J. Waties Waring and Mrs. Waring (jointly) of Charleston, South Carolina, for their activities in behalf of the Negro.

Members are urged to comment upon these and all past nominations so that the Fellow Named shall truly represent the Fortean viewpoint.

Mentioned again are:

Mrs. Van der Elst, the London lady who considers the abolition of capital punishment to be the most important change to be effected. (She cried down the Archbishop of Canterbury, Dr. Geoffrey Fisher, in a public meeting, 4-7-20, called him "a wicked man" for favoring hanging. *Cr Elsender*)

Lord Cooper, Lord Justice General of the Scottish Court of Criminal Appeal in Edinburgh, for freeing a man convicted of safe-cracking because the police had obtained evidence by illegal means.

GRAVITY GRAVY

Well, sir, guess what . . . Roger W. Babson, the famous Wall Street tipster, wants to benefit humanity by finding "some partial insulator, reflector, or absorber of gravity." No fooling, he has founded the Gravity Research Foundation, which is "operated in connection with the Sir Isaac Newton Library of the Babson Institute", New Boston, New Hampshire, and you may be assured that the Library and the Foundation operate at a considerable annual loss to Mr. Babson and his Institute.

It's all very legal, you understand, under existing tax laws, if not quite legitimate from the standpoint of orthodox physics. In essence it is an extremely basic step toward making possible a perpetual motion machine, and who is to decry the Babson effort toward a desideratum which has engaged man's attention for centuries upon centuries? Not we Forteans, surely.

Prizes to a total of \$1950.00 are offered by the Foundation for essays on this subject. Foster B. Elliott, Director of Research, will send you particulars. One George M. Rideout is named as President, and nobody would be more surprised than Mr. Rideout if some bright boy came up with the answer. Meanwhile — and "meanwhile" in this case is likely to be a long, long time — it must be jolly good fun for everybody concerned.

OUR COVER

The design on the cover, by Art Castillo, is an improvement over the old, plain question mark as a Fortean symbol. In this one a tree is growing. Catch? We are having some of these FS symbols printed on gummed paper like Christmas seals — for sticking on your outgoing mail to the uninitiated. There are other places they could be affixed. Let your inventiveness and energy guide you. We don't know the cost yet. Send whatever you wish and we'll mail you a supply.

The same symbol, with provocative, curiosity inciting legends attached, have been worked up into a cut-out book-mark. These are free. Ask for a supply, and put them in library books you read. Leave them between the pages when the books are returned.

Credit for the idea goes to LMFS Bush, who also donated the printing. For this and many other good services rendered. Brother Bush has been accorded Honorary Life Membership.

DOUBT INTERNATIONAL

We are having some difficulty getting a Fortean foot into Belfast, Ireland. Does any member know a Fortean there, or a thinking bookseller, public librarian or school teacher? Tell us.



RUN OF THE MILL

"Moths" swarmed so thickly at Market and Mason, San Francisco, 4-18-50 old style, that they broke two electric lights. *Cr Raven*

William Dudley Pelley was paroled, 2-7-50 old style. The Dallas *Times-Herald* states that he was "one of the 30-odd defendants in the long drawn out wartime mass sedition trials in which the government attempted the mass conviction of a large group of pamphleteers, anti-semites, bundists, crackpots and anti-Communists." *Cr Bennett*, who adds, "At that time they were jailing them for being ANTI-Communist . . . and since when is it a crime to be a cracked pot?"

Margaret Sanger (now) Slee, long-time exponent of birth-control, was barred from entering Japan by order of Gen. MacArthur. *Cr Russell*.

Alfred H. Korzybski, semantics expert, author of *Science and Sanity*, died Mar. 1, at Sharon, Conn.

Fire wrecked the Princeton U. cyclotron, valued at \$400,000. Dr. Allen G. Shenstone "declared that the (physics) department had no way of discovering how the blaze originated and might never know what caused it." *Cr McMahon, Russell*.

Rain of substance called "sulphuric acid" by the State Toxicologist, fell on Tilghman, Md., Sept. 3, 49 old style, after navy planes passed over. Complaints to the officers were answered with the military equivalent of "go fly a kite."

Rain of mud, Danville, Va., 3-29 old style.

Rain of "bullfrogs" on the highway near West Memphis, Ark. 9-23-49 old style. A couple named Rains picked up "half a dozen" to eat. *Cr Douglas*.

The body of a huge brown bear was found by police in a ditch near the N. Y. International Airport, 1-29-20 FS. *Cr Gee*, who took it from the Paris edn of the Hertrib.

Thomas Mordue, a pipe-fitter for a colliery, felt his right foot burning when he reached the pit, underground. He took off his boot. His sock burst into "a blue flame" . . . "Phosphorus" said the insurance examiners, "ignited by the oxygen in the air" when he took off his boot. *Cr Elsender, Russell*.

Sextuplets — four boys and 2 girls — born to a native of the Belgian Congo, before March 1, 1950. All in good health. *Cr Russell*.

CREDIT DUE

Valuable data not used in this issue have been received from — Douglas, Bennett, Atkins, Buster, Grant, Wakefield, Collander, Mealy, Bristol, D. Carlson, Lasko, Haliburton, Wheeler, Kossakowski, Markham, Bloch, Reagan, Oltcher, Laclede, Barneson, Rogers, Spingola, Morrison, Stevens, Cooperstein, Sharpless, Hoernlein, McMahon, Gee, Sheeley, Creviston, Bishop, C. Williams, Trupp, Herb, Obercheck, Howell, Layne.

MORE NOTES of CHARLES FORT

The material on this page and those following comes from the MSS notes of Charles Fort. The notes begin with the year 1800 AD, and we are printing them chronologically, transcribed to the best of our ability. As you have observed from the several we have produced in facsimile—life size—the handwriting is difficult, to say the least; many are written in symbols and code, a personal shorthand. Each date is on a separate scrap of paper. They fill 32 boxes. The boxes are in two series, one numbered, one identified by letters of the alphabet. The numbered boxes contain records of non-human phenomena, the others, records of persons. It is our device to alternate the two series so that the printed record is chronologically consecutive.

The letters BA refer to Reports of the British Association for the Advancement of Science, which many US libraries have. The numerals, such as '11 or '64 etc., in connection with BA sometimes refer to volume number, sometimes to year. In applying for this material at your public library, mention that to the attendant and you should have no difficulty.

Back numbers of DOUBT contain all the notes to the point where we begin below. Subsequent issues will continue them until the 32 boxes are printed.

1856

Box 2 (Resumed)

- 7 Icicles. Lloyds Weekly Newspaper of, p. 2. (quoting the Newry Examiner) that at Cross-Maglen (reverse) Armagh, Ireland been a great fall of hail which consisted "strange to say, of icicles and sharp flakes of ice."
- 7 Ice Can't find in Newry Examiner nor Belfast paper.

Box A (Resumed)

- Sept 10 Date of the Manningtree fires near Colchester. Essex Herald 16th.

Box 2 (Resumed)

- 13 Bedford Mercury of. "There is now a very fine spot on the sun".

Box A (Resumed)

- Sept 16 LT p 10)
- 18 LT p 9) Spon comb. at Bedford Aug 21
LT p 20)
- 17 Fires Suffolk Chronicle 20 p 4. Bet 7 & 8 o'clock night of 17th (see note) home of Rev. B. Frankland, Wesleyan minister

at Manningtree (reverse) a fire broke out in the library. "What makes it appear more mysterious is that a fire broke out in the front parlor of the house, underneath the library, on the previous afternoon (Page 2) during Mr. & Mrs. F's absence, when it was discovered by a dressmaker working in another room. The damage was confined (reverse) to a few articles of furniture and some skirting boards near the fire place. There were no fires in the grates in either room and yet the flames broke out near the fireplaces in the skirting." (Page 3) Seemingly no knowledge of the Bedford fires. Said that the police (reverse) were investigating but that no clue had been found to the mystery. Manningtree, Essex.

Box 2 (Resumed)

- Sept 17 Meteorite Italy? / BA 60-94
- 17 10:30 AM / Civita-Vecchia Great det met with train of fire Cosmos 9/421
- 20 "Comet" Luton Times of, quotes Cork Examiner that Saturday night (reverse) 13th or 16th? a luminous object larger than the moon was seen. At 10:30 pm it appeared in the W.S.W. sank rapidly below horizon at 11 p.m.

Box A (Resumed)

- Sept 24 Fires News of the World 28-4-5 Abr A M ricks of hay on Boxted farm ab a mile from Boxmoor, (reverse) Herts, on fire acto a policeman on duty on the railroad line, all burst into flames simultaneously. Ab same time on another farm a rick on fire. Consequently attrib to incendiarism.
- 28 Early morn. fire in a stockyard at Ramsey of unknown origin. Bedford Mercury Oct 4 (reverse) Ramsey, Hunts.
- 28 bet 11 & 12 P M at Barrow large stack, 45 yards long on fire (reverse) unknown origin Suffolk Chronicle Oct 4. early in morning of 12th of Oct fire in a barn on same farm. S. Chronicle Oct 18.
- 29 The Bicester fires. Bicester Advertiser Oct 18 — A Committee formed to investigate and £500. reward offered — (reverse) and the gov't offered pardon to any informing accomplice not an actual incendiary.
- 29 Bedford Times Oct 11, quoting the Banburg Guardian that upon a preceding Monday night at Bicester a fire on farm. Next night fire upon another farm early in evening. 10 P M Bicester ab 35 miles S W of Bedford. (reverse) fire on another farm. about same time fire on another farm — very soon afterwards on another farm all these farms ab ½ mile apart. A few minutes later another fire upon a farm 1½ miles away.

Nothing found out; thought vengefulness of farm laborers against introduction of threshing machines.

Box 2 (Resumed)

- 30 Penang, India / Flash of lightning from the sky / Trans Bombay Geog. Sci. 13/155 (reverse) struck tip of a coconut tree where loose fibrous matter burned for 3 hours.

Box A (Resumed)

- Oct Incend. See LT Nov 15, p. 10 Nov 22, p. 11 Nov 24, p. 5, Nov 18, p. 10, Nov 20 p 7 Nov 28, p. 8.

Box 2 (Resumed)

Quakes of Nice from October '56 to September '57 CR 45-446.

- Oct 5 Bohemia det met BA 60-106.
12 Quake Malta / Sea receded two feet and a half. An Reg '56-16 felt in Italy and Greece.
12 Quakes — meteor — volc. (See Nov 9) Times 28th — that Etna which been quiet 2 months emitted smoke after the quake — Island of Candia, houses stricken down and many persons killed or injured — 5 or 6 killed. (T — 31 50 houses thrown down in Rhodes (reverse) Times 31 that the stones, winds heavy rains and water spouts occurring at Malta were unexampled in records of the Island.
Oct 11 Vesuvius active especially Oct 11-12 Inverness Courier Nov 27.
(Nov. 9) Times Nov 19 said that the heavy rain for 30 days after the quake had on Nov 9 loaded up with so heavy a fall of hail that cartloads and boatloads were collected and sold to ice contracts.
Oct 12 LT of 18, p. 6 At Sorrento. Before it a "peculiarly dense and ill-smelling fog had obscured the bay."
12 about 2 A M / Malta sound like thunder. "Sentries report a red glare in the heavens to have preceded the outbreak (over) Times Nov 12 500 corpses dug out of ruins at Candia.
12 Quake Crete 6000 houses destroyed LT Jan 7 p. 10 1857.
12 Times Dec 1 that since Oct 12 many slight shocks been felt in Malta.
12 Rhodes 3 A M Quake. At Palermo abo 2 A M oct 11 Times 57-270.
12 Quake and rain ab 1 50 A M / Malta and afterward deluged with rain, said that between Oct 17 & Nov 16 21 inches fell Times 57-270.
12 Quake and fog / Quake felt at Sorrento, Italy ab 2 A M Before the q there had been a "Peculiarly dense and ill-smelling fog. LT Oct 18.
27 3 A M / Shocks Alexandria, Egypt, also Cairo. Morn. Post 30-J-1.
12 See Vesuvius this period.
12 See Rhodes March '63.
13 See Nov 15 1872 / Eclipse sun and moon both above horizon? / See Dec (?) 1881.
13 Mauna Loa still in full blast — had been in eruption 63 days An. Reg. '56-16.
27 St Ives / Met listed by Lowe as "curious" Reg. Sci. 1/138.

Box A (Resumed)

- Oct 28 Missile through a train window near Wokin. M. Post 29 — p. 5.

Box 2 (Resumed)

- Oct 29 Laybach met train 30 mins. BA 60-17.
Nov 8 LT p. 7 Nov 11, p. 9 Dec 31, p. 7- Jupiter.

Box A (Resumed)

- Nov Witchcraft parish of Hockham LT 1857 Apt 7 p. 10.

- Nov 11 Myst. drowning of 3 men.

Box 2 (Resumed)

- Nov 12 Piedmont Trenzano, Brescia Meteorite BA '60 See 1883.

Box A (Resumed)

- 22 Remarkable fantasy.
21—22 Night and fire within a week farm of Mr. Balfer near Hollyham LT 24 p. 5.

- 22 p. 12 Fantasy.
Dec 8 p. 11 Myst. disap. of property in Derry.

Box 2 (Resumed)

- 12 ab. noon / Quito, Ecuador ashes thickly falling to 7 p m Attrib to Catopaxi (reverse) and then to another far distant volc. Am J Sci. 2/23/276.

- 13 Met — Highfield House — by Lowe. listed by him as "curious" Rec. Sci. 1/138.

- Dec 14) Mets. Olmetz BA '69-282.

27) (also)

May 18)

June 6) 1857

Aug 15)

Oct 7)

- Dec 15-10 ? Flood ext in York.

25 Light / Quake India Bombay BA '11.

26 Ext hail Mem Soc Sci Cherbourg 4-337 (reverse) Cosmos 8-58.

- Dec 30 Quake — cold (one degree above zero) and snow for several hours City of Mexico. A. Reg. 1857-23.

30 4 A M / near Equator 20 or 22 degrees W Longitude La Sci Pour Toues. 2-4. vessel felt concussions and metallic sounds (reverse) in fine weather.

1857

Box A (Resumed)

Sleeper. Susan C Godsey near Hickman, Ky. See July 14, 1869.

- Jan 21 LT p. 10 Explosion of powder magazine. Time of q.

- Early in Bewitched farm near Rugelcy An. Reg. 1857/50.

Box 2 (Resumed)

- Jan 2 Occult of Jupiter by Moon.

2 Met of / Jan 6 LT p. 12. 1857 about / sun / (dubious reading) "Men in sun" time.

- no date Mrs. Stephens monthly in 1857 an account of Barisal Guns of Seneca Lake.

- Jan 2 6:30 p m Meteor size Moon at time of occultation of Jupiter LT - 6, pp 12. (reverse) the occult had just taken place / at Bridge-water.

9 bet 8 & 9 p m shock Cal. A J Sci. /25/146.

17 Cinders / S. Ill. / D-71 / 29.

- 25 3:20 P M / Beeston / slight shock and rumbling sound. LT 28, p. 4.

- 29 Jupiter, Moon and Venus in a st. line
Astro Reg. 1/189.
- Feb New star in Orion? See C R 20/44 Index
"Astro".
- Feb 2 LT p. 8. Ext. flights of larks.
7 LT p. 12. Lunar phe.
- 14 Montbilliard / 4 a m — quake — sound
like cannon and gust of wind (reverse)
C R 44-874.
- 16 Holland / Large met. 68-282.
- 18 (Hun) Hungary 3 a m etc. / det. met /
seen BA '60.
- 24 LT p. 5. Met Blackheath.
- 25 Celibes quake BA '11.
- Feb 28 Parnalee stone 2 stones ab noon terrific
sounds good account A J Sci 2/32/401-
442. (reverse) 9-14' N 78-21' E
- 28 Near village of Parnalee, India / Rumb-
ling in sky and stone fall later / Trans
Bombay Geog Soc 13/Appendix B (reverse)
June 8, 1834.
- 28 Parnallee, S. of Madura, Hindustan / det.
BA 61/35.
- Mar 3 Det met Smyrna 11:30 p m See 1805.
- 12 7:30 A.M. Sound and Parahelian / a
parahelian at Feings, (Montagne, Orne) /
the sound from 5 to 5:30 p m (reverse)
C R 44-574.
- 12 Feings (Orne) sounds like wind storm —
not the slightest wind at time for ½
hour. C R 44/574 (reverse) La Sci Pour
Tous 1857/143.
- 21 Mud / Cortee / Edinburgh / New N S
6/174.
- 23 Bolton-le Moors / Darkness / Liv. Age
55.61.
- Mar 30 4:35 p m LT Apr 1 - p 11, at Whitchurch,
Sulop, a waterspout or broad bank of cloud
ending in a point, from sky to earth. Heavy
rain fell. Nothing said of anything going up.
- Apr 1 Heredia / Costa Rica (F?).
- 5 Stavropol / N. side of the Caucasus, Russia
(F).
- 6 LT p. 12 Sunspots.
- 6 Moluccas: light quake BA '11.
- 6 Met p m Alpha Perdel near Venus / B A
Assoc '58-139.
- 6 LT p. 21. Meteorite? Dr. Dussort near
Colmar, France, afternoon heard a whist-
ling sound and saw a black object rather
pear-shaped — from 11 to 15 inches long
and thick as a man's arm — not pear
— it was spherical at one end and pointed
the other. Passed ab 100 yards above him.
- 9 Quake Asia Minor medium BA '11.
- 11 8:50 p.m. Lake Winnibigoshish, Minn.
splendid meteor in Hydra moving westward
(reverse) greater than full moon train 5 or
10 minutes / moved very slowly N or NE
/ A J Sci. 2/24/158 BA 60-94.
- 12 Lightning in Nottingham — attrib to storm
far away near Cape Griz Nez Jour Met Soc
35/290 (reverse) "as far as Nottingham"
/ in Jour 14/299 distance give 175 miles.
(F) Kaba, Hungary 10 p m meteorite A J
Sci 2/28/424.
- Apr 15 (Hun) Resinous / Hungary D-72 77.
- May 2 LT p. 7.
- 2 N.M. b (black) rain Glastonbury / Gar-
deners' Chronicle May 9.
- 9 Venus interior conjunction Sun (A 1).
- 20 Dark / Persia 122 / D-223.
- 21 Deluge France Am. Soc. Met. 5-179.
- May 23 LT p. 6)
- June 23 LT p. 12)
- 29 LT p. 12) Expected comet.
- 24 (Vesuvius at Naples this day a whirlwind
and (reverse) a hombe marine. C R 45-
1098.
- 28 11:30 p m / Cheshire large met BA 67-417
- June A Langloft waterspout See July 3, 1892.
- June 13 4 p m / Schuyler N.Y. Tornado / Fin-
ley's Rept.
- 13 Deerfield N Y / Tornado / Finley's Rept.
- 13 Oswego Co., N Y / Tornado / Finley's Rept.
- 14 Medium quake Japan BA '11.
- 16 11:28 A M / Strong quake / Clermont-
Ferrand quake and rolling sound then thun-
der and hail C R 45-34.
- 17 Ab 1:45 p m on a farm 10 miles SW
from Ottawa, Ill. cinders that fell from a
dense black cloud. They were warm. Spec-
imens were sent to the Editor (reverse) of
A J Sci. They were like volcanic bombs
glassy exterior, cellular inside — black
A J Sci. 2/24/449.
- 17 Tornado Oneida Co., N Y A J Sci.
2/24/290.
- Summer Swarm of *V. cardui* in Piedmont like in
1879 Nature 20-255.
- Box A (Resumed)**
- July 4 LT p. 6 body on Mt Snowden.
- Box 2 (Resumed)**
- 20 Meteor — St Ives, Hunts. Meteor went up
from Ursa Minor to Camelopardalis "re-
mained stationary (reverse) for upwards
5 minutes, then slowly passed downward."
BA 57-137.
- 28 Ab 11:30. Quoting Northern (Wick) En-
sign. At Brora large number of herrings
(reverse) scattered in one of the Dalihalm
gardens, about ½ mile from the sea.
22 LT p. 12)
30 LT p. 12)
- Aug 3 Ice / Cricklewood, England (D-177)
- 12 Maximum of Perseids and very abundant in
Belgium BA 57-153.
- Mid of Hancock Co., Ohio. Some one saw an angel
Aug in the sky — but it came down and spoke
to her. Sun Feb 5 1888 p. 8.
- 13 Stones in a horse's stomach. LT Apr 29,
1850, p. 3. See Jan., 1922.
- 13 "On Aug. 13, 1857, a ball as smooth and
round as a billiard ball, and larger than a
cricket ball, fell N of Nottingham". E T
Lowe. Brit. Assoc. 157/140 (reverse) Aug.
13 obj at Nottingham.
- 13, 14 Tremendous th. storms. The Nottingham
Review, Aug. 21, 1857, gives more than a
page to various accounts.
- 13 Th. stone. Ciel et Tener Dec. 1, 1901 that
Musee de l'etat Independent Au Congo had
received from M. Wagnez Commandant
(reverse) at Suruango stone said fallen in
a thunderstorm in 1893 spheroidal and had
concentric "conches". Note 2 — Aug. 13
D. Wilson of Nottingham and he "pro-
nounced it to be a concretion or stone from

- the intestines of a horse. It weighed 17 ounces." (reverse) "It was not above two thirds the weight of marble, and a slight bruise on the surface showed that in its outward texture at least it was composed of thin layers."
- 13 Nottingham Review — Aug. 21 — after the great storm of the 13th a large ball rather larger than a cricket ball (reverse) had been found in a pasture at Calverton — perfectly spherical of an olive green or grayish color and the surface polished like marble. The object was taken to (end of note).
- 13 Chem News 23/199 / An account of the calculus from a horse — extracted from (reverse) of a horse" — and a sketch of an azzigated object of very convoluted appearance.
- Aug / Stone in horses stomach of layers. Zoologist 16-421.
- 13 Earth ball or Intestinal Calculus. A horse See Chem News 23/190. (reverse) Five inches in diameter and weighed 2 pounds. Analysis in Jour Chem Soc. 24/425 / of alternate layers of mineral matter and (reverse) mineral matter nntermingled with substance of organic origin.
- Sep 31 (LT p 8)
- 1 (LT p 7)
- 2 (LT p 7 Locusts Ireland London
- 6 Locusts, single ones — various parts of England NQ 2-4-397.
- 7 Total eclipse of sun Peru C R 47-658.
- 12 (Ch) Wandsbeck / A Vulcan by Ohrt / Observatory 3/137 C-29x.
- 29 Met Highfield House — by Lowe — listed by him as "large and curious" Rec. Sci. 1/138.
- Sep 31 LT p. 10 Try Aug or Sept Vesuvius and Oct 10 p. 8.
- Oct 1 / rain of stones Orme (Yonne) France La Sci Pour Tous 2-402 col 2x.
- 1 Orme Yonne (F) 4:30 p m stone fall C R 45/687 BA 60-94 (reverse) bet. 4 & 5 p m
- 5 First shock St Louis See Oct 8.
- 6 LT p 7
- 7 LT p 10
- 26 LT p 8 Floods Italy
- 8 Quake meteor St Louis New Lands p 109
- 8 Centralia, Ill. Quake BA '11
- 10 LT p 8 Vesuvius.
- 10 (Hun) Ahaba, Karlsburg Transylvania. Meteorite BA '60.
- 20 Vesuvius violent / La Sci Pour Tous 2-408
- 21 Meeting this date of Boston Society of Nat verse) mineral matter intermingled with Hist, letter from Prof. Hubbard of Dartmouth College road upon fall of fishes in a town in Vermont. Proc. of B S Nat H. 6-283 N.M.
- 29 Précigné (Sarthe) 6 p m magnificent meteor Cosmos 11-506.
- Nov 11 Michigan met BA 67-417.
- Box A (Resumed)**
- Nov 11 Ext death fly sting Nov 11 LT p 5.
- Box 2 (Resumed)**
- 15 Beaune / Meteor and globe lightning enter a room / La Sci Pour Tous 1857/403.
- 16 Hair substance / Charleston, S.C. / globe lightning. CH/D-68 (reverse) BA 67-417.
- 17 5 p m At Paris, by the meteorologist Phepson, large drops of warm water (reverse) from a cloudless sky. C R 45-906.
- 17 5 p m rain without clouds Paris La Sci Pour Tous 3-15.
- Box A (Resumed)**
- 19 LT p 10 Witch / Slowport.
- Box 2 (Resumed)**
- 21 (Candy) See ab June 15, 1893. See July 3, 1881 Living Age of copying from the Napa Republican that at Clear Lake in the same county (look up Napa) had fallen a "shower of sugar candy" covering a large area. "It covered everything — leaves of trees, rocks and the earth's surface alike. Part of it was of the consistency of syrup and part was crystallized." The Editor writes that boxful had been sent to him. He said that it tasted like unflavored candy (reverse) and he invites persons interested to call upon him and see the substance. "The specimens before us are generally irregularly crystallized, rounded at (note 2) one end and irregular in form at the other, as if broken off from some surface to which they adhered. They are from (See July 1922) (reverse) one fourth to five-eighths of an inch in length, some pure white and others of a delicate pink hue. Their general appearance is that of very small stalagmites such as we have often seen in caves. A similar shower occurred at Salt Lake some years since."
- 24 Spital, Windisch-Garsten, Austria Light quake BA '11.
- 26 Konigsberg / det met — "stone fall?" BA 67-417
- 29 12:30 p, 12:45 p m Bayonne, France quakes and rumbles. LT Dec 6 p 8.
- Nov 30 Jaboz Brown. Report of the British Association 1858: (Piece of typescript as it excised from MSS. T.T.) Prof. Baden-Powell "The subjoined extraordinary statement is copied from the Times, of Dec. 4. It bears the appearance of a simple, straightforward account of fact, the nature of which seems difficult to conjecture. It is here inserted simply in the hope of attracting attention, and that in time some light may be thrown upon it by other observations: 'Last night (Nov. 3) at 15 minutes to 9, it being very dark, I was ascending one of the steep hills in this neighborhood, when suddenly I was surrounded by a bright and powerful light which passed me a little quicker than the ordinary pace of man's walking, leaving it dark as before. This day I have been informed that the light was seen by the sailors in the harbor, coming from the sea and passing up the valley like a low cloud — Jaboz Brown.'
- Dec 16 It. Salerno Great quake '11.
- 16 See Dec. 17, 1852 Cal. & Eng.

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