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EDITED BY

TIFFANY THAYER

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DOUBT

The Fortean Society Magazine

Edited by TIFFANY THAYER

Secretary of the

FORTEAN SOCIETY

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We use the Fortean 13-month calendar

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Eric Frank Russell

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FIRST PRIZE

First prize to Frank McMahon for coupling datum of the vivisection victory at Albany with the invasion of several nearby points by packs of wild foxes. Apparently the dogs called in their cousins.



The "authorities" have taken advantage of the opportunity to create a rabies scare for the benefit of the serum-sellers. Eighteen persons bitten by foxes as of Feb. 19. One woman dead. . . Two dead by Mar. 15—and an estimated 35,000 foxes have Philadelphia surounded.

For the benefit of the canine-vulpine coalition, these are the N. Y. State Senators who voted for the bill which makes pound animals available to their torturers:

Bennett Campbell Cooke Erwin Halpern Hatfield Hollowell Hughes

Hulrs Manning Metcalf Mitchell Mitchell Neddo Seelve Van Lare Wicks Williamson Wise Braisted Crawford De Optatis Friedman Furey Gasnari Gittleson Greenberg Helman McCaffrey Moritt O'Connor Panken Rosenblatt Sorin Wachtel

Sic 'em! And after you've taken Philadelphia and Albany we'll supply some British addresses for you. Last year in England, 3780 licensed vivisectors performed 1,779,215 experiments on animals.

Second honors to MFS Mealy for finding Alfred W. Lawson for us. We'll try to get a statement from this long-time rebel for the next issue. He has been out of circulation too long. Pending correspondence, let this suffice, for those already familiar with one or more of the Lawson enterprises which are now history (one of them was a tri-plane the size of the Oueen Mary!)

Lawson is now 84, accto the Minneapolis Tribune, and he lives behind the walls of the "Des Moines University of Lawsonomy" in Des Moines, Iowa. The last time a local tax assessor got into the "spacious gorunds" was in the year 18 FS (1948 old style), and he reported only 15 "students". Only 5 of them "appeared to be anywhere near college age". The Feds have been granting the institution tax exemption since 1946 old style, tried to investigate in 1949, but gave it up. Probably the old man has an Abbey of Theleme there. We'll try to find out.

Third place to MFS Borden, for this: A Norwegian "atomic scientist" named Per Werenskiold has been missing since Feb. 8 "in mysterious circumstances." Gone fission, natch!

MFS Mitchell was a runner-up, with a spot from the N. Y. Times 2-21-52. The "marine insurance correspondent" of the Financial Times (London) says that "insurance companies are worried at the number of welded ships developing plate cracks... most of these vessels had been built in the United States during the war."

YS has an elephant's memory for such stenchful matters as this, and recalls very clearly that honors the most outlandish, including "E" flags, were awarded one genius of production named Kaiser for turning out what were then called "Liberty" ships by assembly-line methods. You and I never were told how many of those tin cans broke in

two, loaded with soldiers. Nobody will tell you now. I heard of more than one—from survivors or observers. Hearsay, of course. The underwriters were a long time catching wise.

Three of the four above—McMahon, Borden, Mitchell—ent in these lulus too (respectively):

The Times quotes NANA, who quotes linformaciones of Madrid, who received the news from Milan, that two Italians—Prot. Mario Dornig and Daniele Gasperini—have invented a machine that makes electricity out of sunlight—no fuel. "Three such machines have been sent to Egypt for a tryout."

That is not only the last YOU ever will hear of that, but it's the last the inventors ever will see of their machines.

Apropos—we have recently received a letter from Lester J. Hendershot—see THE BOOKS, p. 1056.



He has not given up yet, and indicates that we may soon see his motor back on page one of the papers.

In a "homing" pigeon race from Ballycastle to Dublin, 75 per cent of the birds belied their name. Phila. *Inquirer* 3-16-52.

Also from Borden:

Two holes in "a plate-glass window" of a Philly taproom. "A search of the taproom to find the bullets proved fruitless. Police believe the bullets, or BB pellets, probably were swept up after the place was closed."

They are making more powerful air-rifles than they did in YS boyhood if you can get one now that will put a BB through plate-glass.

The Mitchell offering is a beautiful misprint. The headline reads: AF WILL GET ECLIPSE DATA, and the story begins. . "An Air Force expedition deplored across Africa and Arabia will use a sun eclipse Monday to check up on the accuracy of world maps.." The eclipse is noticed elsewhere in this issue. The unusual trankness quoted appeared in the Journal-American 2-24-52.

Jack Clayton heads a contrib with a quote from p. 818 of THE BOOKS:

"If newspaper editors were like astronomers. . . They'd tell of a fire that had occurred long before. They'd write up some fashion notes upon the modes of their readers' childhood. Like dealers in stale stars, they'd wonder at the lack of Public interest."

Then adds a clip from the St. Paul Dispatch 3-5-52, about a basket-ball game reported in the Gondolier of Venice, Fla., three years after the game was played. Clayton suggests that the ed of the Gondolier is an amateur astronomer, but our experience is that the amateurs are the ones who see things first and tell the professionals where to look.

E. S. Anderson sent in this hot one:

The "naval center" at Pensacola, Fla., was rocked with a "plaster-shattering" blast on the Wednesday before 4-11. Shortly after, three boys found "an odd, cone-shaped piece of metal about seven inches long. It was hot, and apparently had fallen from the skies.

"Learning of the discovery, naval authorities immediately took over the object and refused to discuss the matter."

Usually we do not print Forteana that arrives undocumented, but these two pieces are a little too sharp to put in the files until you have read them.

"The chief of police of a Western German city was sent last year by the American occupation authorities, for a three-month stay in the U. S. to familiarize himself with the techniques of the American police. He has just gone to jail for corruption."

The other is dated Bombay, Feb. 26, 1952, and comes from MFS Sackley.

"United States ambassador, answering questions on rearmament race, said his country was rearming to avoid economic collapse."

SEISMOS FALL OUT

Nov. 4, Prof. Bendanti, seismologist of Faenza, writing about the land under his feet, stated that the crust of the earth in the Po Valley, virtually across the whole northern part of Italy, had risen about a foot "in the past 16 days". London Times, Manch. Guardian, Evening Standard.

Nov. 6, Reuters cited Prof. Pietro Calci, U. of Rome, as dismissing the statement of his fellow scientist. Not true, says Calci. . . That is all. *Gr.* Gee.

Two cracks, one a mile long, in earth near Burlington, Vt., "in the wake of a series of weird rumblings, muffled explosions and flickering lights... Prof. E. C. Jacobs, U of Vermont seismologist, said they apparently were the result of an earthquake. He said, however, his instruments did not register it since they were not designed to record fremor . . . hve seconds . . . There is no record of an earthquake ever striking in Alberta, though temblors of local origin."

Banff, Alberta, 4:12 A.M. March 3. "Earth tremors are felt in Montana," quoth the Calgary Herald. "Officials of the U of Saskatchewan at Saskatoon, where the nearest seisometer to Banff is located, discount the possibility of an earthquake. The seismography equipment checked there Monday morning showed no sign of an earthquake Monday." Cr. Millar.

April 10—"Experts (SIC) said that a massive underground mountain range moved four inches"—felt from Des Moines, Ia., to Austin, Texas. "It was the third earthquake in the history of Kansas. And it wasn't even recorded, because the seismograph at the U of Kansas was out of paper."

PERTINENT

The Salton Sea—"designated as controlled" by engineers (not named) is now rising—3-29-52—threatening a \$3,000,000 atomic energy base. It's in the Imperial Valley, Calif.

NECK OUT

Nobody else is likely to be so rash, but YS doesn't mind. The criticism will come from within the Society as well as outside it; Russell will jump all over me; Nonetheless, here it is:

The air catastrophes near New York airports which have aroused whole communities to protest, and the undiminished toll of crashes all over the world, plus the strike of military pilots, refusing to take planes up, will be "explained" any way the investors in flying want them explained. Too many millions are tied up in the racket now to do anything but go on killing the suckers. Too many statues have been erected to the Wright Brothers, too many hymns have been written to Leonardo, too many people have cheered Lindbergh -and themselves flown the Atlantic. It's too late for anybody but YS to suggest that, possibly, "flying" in heavier-than-air craft is not practical. Perhaps it should be given up. Perhaps we should all be better off without it. Never yet has a case been brought to this writer's attention, wherein a man who flew "to save time" did anything worth doing with the time he saved.



Maybe more people are hep to that angle than you'd think. Air Secretary Thomas K. Finletter said (4-16-52 old style) that—"For the first time in history the Air Force has so far been unable to get enough volunteers from the new West Point graduating class to fill the 25 per cent annual Air Force quota." Pittsburgh Press.

An undated clip, out of Cleveland, O., tells of a DC-4 on "normal" flight from Washington to Chicago, dropping 2200 feet before the pilot could straighten it out. Said he—"There was no accounting for the drop. It was almost vertical—nose straight down."

RUSSELL'S BEST

In a long article on *The Structure of Crystals*, by H. Lipson, Head of the Department of Physics, College of Technology, Manchester, (in *Guardian*, 4-2-52), this bijou:

4-2-52), this bijou:

"A still more valuable method is to make a guess at the possible atomic arrangement, and to represent this as a set of holes in a black card: the pattern of scattered light should then bear to the X-ray data the type of relationship that is shown in the accompanying illustration. If so, the guess is right; but if not another guess may be tried, perhaps modified by the experience gained with the first guess."

Pretty much like finding a cure for cancer. Under a Korea dateline, March 17: "Allied artillerymen usually fire white smoke shells to mark

Communist troop concentrations for prolonged bombardment and airstrikes. But today being St. Patrick's Day the smoke shells were green." Liverpool Echo.

More fun!

Early on March 13, a home-made "Jolly Roger" was flying from the flagstaff of the Victoria Tower of the Houses of Parliament. It was a dirty bedsheet with the skull and bones drawn in black crayon. Attributed to "students". It was taken down in a hurry.

Another Fortean in embryo, so to speak, ae 15, pasted up some blueprints for a "washer", wrote gibberish and algebra on them, and put them in an envelope labeled—"Harwell Atomic Research Establishment. . If found, burn immediately." They got to the police, by roundabout, and Scotland Yard had been working on the "case" some time before anybody connected the find with the date., April 1.

The part I like is that "burn immediately".

Louis Ridenour, New York, is quoted as saying that in five years the US will have enough atom bombs to kill everyone in the world. On which the waggish (That's-my-baby) Liverpool *Echo* put the headline: "SHATTERING!"

Polio declined one-third in the year 21 FS, from the totals of the year 20 FS, in England, U.S.A., Ireland and Wales. Could we have a record of tonsilectomies now, please? The "warnings" not to yank tonsils last summer were pretty numerous. Manch. Guardian, 4-4-52.

A hiccupper who had no relief for nine months

Fred Ramsden, of Shipley—died 2-12-52.

A new case was reported improving after an 11day siege—Patrick O'Laughlan, Kettering, Northants. A British-made film comedy—Lady Godiva Rides

Again—will not be shown in USA. It was turned down as "Unsuitable" by "the United States censors in Hollywood". Daily Express 1-30-52.

When a German girl arrived at a fancy dress carnival at Fuerth "masquerading as Eve", American soldiers notified the police. Reynolds News 2-24-52.

That's what comes of drafting children into the

Two groups of Catholic pilgrims visited the shrine at Chalma, Mexico, and fell into dispute over which group got there first. The battle lasted an hour and killed nine. Liverpool *Echo* 3-1-52.

ABOUT FACE!

In DOUBT No. 3, under headline, NO METE-ORS, we noticed the attitude of Roy Chapman Andrews, Director of the American Museum of Natural History, in the year 7 FS, toward "the public" which he accused of attempting perennially to sell him "fake meteorites". The tone of Andrews' entire article was, don't bother us with your inexplicable rocks, you stupid little fellows, we have all the meteorites we want.

Now—3-27-52—which is fifteen years later, Claude H. Smith, regional director of the American Meteor Society, Geneva, N. Y., offers \$1.00 a pound for any you bring him, if HE verifies their authenticity, plus a \$5.00 bonus if the object is found in N. Y. State.

"Mr. Smith said there were probably thousands of meteorites lying on or near the surface of the ground—" Cr. Mitchel.

IEST PLANES AGAIN

Sudden blast, Riverside—San Bernardino County line (Calif.) 2:45 April 24, old style. "Most observers believe . . . caused by a jet plane. . ." but no plane in area at time. Riverside Daily Press, 4-25-52 Cr M. Smith.

That day, or the next, a blast in the "beach casino area" of Santa Cruz, Calif. Knocked one man off his feet.. Cr. Tshirner.

Previously—these, in order, from November 5, 1951 old style:

1:30 A.M. Melbourne, Australia. "A geophysicist of the Bureau of Mineral Resources said it was a little quake; the Melbourne Observatory seismograph barely recorded the explosion. The Commonwealth Astronomer said that if it had been an earthquake there could have been no flash of light."

8:00 P.M. Tuesday before Nov. 21. Alton. Ill..

8:00 P.M. Tuesday before Nov. 21, Alton, Ill., "in Milnor area—a crashing sound." Cr. Creviston. 8:52 P.M. Dec. 1, Dallas, Texas, explosion heard in an area of "893 square miles."

TWO explosions—in Miami, Fla.,—no time given. One—"last night" and another "today"—Dec. 27. One "explained" as a prank of honeymooners. The groom claimed he touched off an old frework. Cr Pollard and others.



Jan. 6, Los Angeles *Times*: "Civil and military authorities yesterday were mystified by a series of blasts that over an eight-hour period shook parts of the Southern California coastline from Venice to San Diego Friday (1-14-52)."

Jan. 23. Same area. "—probably a sonic shock trom a diving jet plane——"

8:30 Thursday nite.

8:45 Friday nite. The week before Feb. 10, at Tornillo farms near El Paso, Texas, "shocks"—no sound mentioned in our account.

TWO in the night, and two more the next day, Feb. 24, in Dallas again. Of the series, beginning with the pecan tree, see DOUBT No. 36, three sites have been "identified". The second was a hole in a river bank, the third, "one end of a bridge had been shattered by explosives". Cr. Mitchell.

March 7, Liverpool, England, explosion damaged houses. "Bangs" have been heard at irregular intervals since 1950. "The most extensive inquiries have never brought any solution." Cr. Russell.

March 25, shortly before midnight, East Bay area, San Francisco. "Jet plane" theory advanced despite the hour. Cr. Raven.

FALLS

Rain of mud at Dijon, France, 11-7-51, and at Trier, Germany, same date, "thin layer of red sand covered the street after rain." Guess where the experts said it came from! Cr. C. Williams, Gee.

Last August it was a steel ball that fell on Tacoma. Jan. 13, it was "three metal chunks"—the biggest 3 feet by 6 feet—seen to fall out of an airplane and strike a field east of U. S. Highway oo.



RISES

A well digger in California raised fish with the water he struck at 580 fet, Feb. to. Sticklebacks—about an inch and a half long. Prof. Glenn A. Noble, head of the Dept. of Biological Sciences at Cal State Polytechnic College, said: "If it is an authentic case it is very unusual."

Dr. Earl S. Herald, curator of aquatic biology at Steinhart Aquarium said, "It is a controversial issue and I will look into it." Cr. Rogers, Atwater

ECLIPSE IN SUDAN

Nothing especially Fortean appeared in the reports of the 17 expeditions to Sudan for the solar eclipse of Feb. 25. MFS Atkins who has been in that district for some months has seen "many black moons", he says.

One new wrinkle appeared in the signed preview by Frank Carey of AP. He wrote: "Air Force scientists are turning to the sun—93,000,000 miles away—in an effort to improve the accuracy of maps here on earth." Reference is to that same group "deplored" elsewhere in this issue.

Says Carey: "During an eclipse in Asia a few years ago scientists found that Tokyo was somewhat in the wrong place on maps."

YS suggests that Tokyo has moved.

The week after the eclipse, we read, LA Times 3-9-52, that two surveyors paid by U. S. Govt., are measuring Africa, end to end . . . "—figures—will enable all areas of Africa to organize their land measurements under a single system. It also will give new information on the size and shape of the whole world." Maybe confirming von Gumpach, nein?

TWO TARZINAS

Gals guessed to be 15 and 17 were found running wild in the forest on Kyushu Island, Japan. Tore clothes off with their teeth. "So far no one has been able to explain the mystery." Cr Gee.

RUN OF THE MILL

The infamous Fatima photos have been completely repudiated, taken in 1921, not in 1917. N. Y. Times 3-14-52.

The Piccard Punchinellos are going up and down again. Jean is taking his wife into the stratosphere—19 miles up—over Minneapolis, no date set, and August is taking his son down—say, 5000 feet—into the sea off the island of Ponza, "shortly". They are called twins, ae 68.

KEEP YOUR MEDALS!

Besides Halsey McGovern, who returned two medals awarded his sons killed in Korea, other parents are doing likewise.

Mrs. Donna Cooper, Memphis Tenn., returned her dead son's Purple Heart and scroll, 2-20-52.

Harold Carlson, Snohomish, Wash., did the same but when he learned later-accto AP-that his son had been awarded a Silver Star also, he accepted that. 2-25-52.

"BREAD" AGAIN

In Pont-Saint-Esprit, France, twenty persons stricken, four seriously, Dec. 15, old style, by the same sort of "poisoning" that killed four in August. The bread was blamed again. That comminated water supply noticed in DOUBT No. 36 is not mentioned in the new account. Cr. Giles.

Later, a Briton went there to investigate, one Dr. Mc I. Johnson. He reported in the (London) Daily Mirror 2-29-52 that the frenzies were caused by marijuana in the bread. Hemp grows wild in that district. Cr Gee.

More than 300 cases of poisoning "from bread" were reported in Campinas, near Sao Paulo, Brazil,

SHADE OF PATRICK HENRY!

Elsewhere in this issue you may read of the decay of American character as exemplified by a board of censors in Hollywood refusing to admit a British film to our viewing, and the still more degrading action of American soldiers who called the police when a nude woman attended a party. Here is the topper-and quite in the same vein, that is, in the bloodless vein of supine servility and quaking awe for authority which is permeating this entire people in the lower income brackets.

The Los Angeles Examiner 1-30-52, did not scruple to print this, as it was told to do by the Powers That Be, although any self-respecting editor would have had United States Attorney Walter S. Binns kicked out of his office by the scruff of his pants for suggesting such a thing.

PUBLIC INVITED TO SUBMIT CRIME TIPS THROUGH MAIL

Federal officials yesterday obtained a special postoffice "crime box", to be used in the forthcoming inquiry into racketeering and gansterism in Southern California.

United States Attorney Walter S. Binns invited the public to send written "tips" on suspected criminal operations. Letters may be signed or sent anonymously, he said.

Information should be addressed to:

"United States Attorney, Box (deleted by YS), Los Angeles.

"Identities of those furnishing essential information will be protected by the full power of the Government," Binns said. Worthwhile "tips" he said, would be screened,

and immediate investigations made by the Federal Bureau of Investigation, the narcotic bureau, the Secret Service, income tax agents, or other governmental agencies.

That is a return to the days of the Inquisition without apology, and the great Freeprez, the safeguard of our liberties, is openly on the Inquisitor's side. Next comes trial by ordeal.



HAUNTED PEOPLE

Honorary Founder Hereward Carrington and MFS Nandor Fodor have pooled their experiences and opinions in a book of Fortean-tempered sympathy for psychics and their manifestations. It is-Haunted People—Story of the Poltergeist Down the Centuries. From the Society-\$3.50.

ANYBODY KNOW J.L. MOTT?

British Atlanteans ask for any information (of his past or present) concerning J. L. Mott-who was sailing" under the Danish Flag" in 1934 and "expressed interest in Atlantis."

"In 1943 another letter was received from Mott who had then established himself at Thore, Atlantis, via Nassau, where he had 'Founded our Empire of Atlantis, with a . . . flag . . . and (postage)

"Mr. Mott was of opinion that one day tourists would be delighted to visit the island and inspect the prehistoric relics, secret wells and ancient dwell-

All that appears to be known about Mott appeared in an article by H. B. Nichols, Egyptian Mail, 1943. Now-nobody knows anything about Nichols either.

BIG DOLLAR'S WORTH...

One T. I. Stevenson has written a whopping big 'pamphlet"—containing as much copy as a 300-page book, maybe more. He calls it REASON/The Book of the Century/The Story of the Gods/A Million Dollars in Cash for a Devil/ and asks, on the cover, "Our Public Schools-Are They Worth Saving?"

The chapter headings are:

Ghosts

Christian Science

Catholics

Jews

Noah's Ark

Parochials.

Spiritualists

Mormons Prebyterians

Negroes

Preachers and Priests

The Pope-32 new Skullcaps

If you have lots of time for this sort of thing, here is a lot of it. From the Society, \$1.00.

SAGE OF GLASGOW

MFS Alex Grant writes: "If we stopped buying newspapers I'm sure they would deliver them free, after a week, for their propaganda."

COLA NOW

We have a pamphlet with the title—WHISKEY or POLIO—a mischievous title if I ever read one. The author is not giving his readers a choice between a drink and paralysis, but amplifies his title thus: "... telling a child that you would rather see him take a shot of whiskey than a COLA drink may seem strange; but he will immediatly feel and realize the ill-effects of whskey."

Mebbe so. Sounds more like good advice than bad to an innocent bystander.

Anyhow the author, Duon H. Miller, 2832 Ponce de Leon Blvd., Coral Cibles, Fla., who prints that he is a "Research Chemist", is of opinion that COLA drinks cause polio, and he adopts this strange, roundabount way of saying that. Ask him for his literature.

BUNNY!!!

Three rabbits—called "giants" were found "on roads around Wheeling, W. Va. One was only four inches less than a yard long. Pittsburg Press, 2-28-52

FORTEAN INTERNATIONALE

The Society was represented at an international exhibition "of literature covering all aspects of HUMAN RELATIONS", in Copenhagen, Denmark, May 10-15 old style. An important branch of the exhibition which included "cultural and other related fields" was under the supervision of MFS, Werner Albrecht.

The books will now become part of a permanent exhibition, wherein we rub shoulders with such respectable colleagues as the Institute of General Semantics, the Institute of Ethnic Affairs, and so on. This presentation will be "attached to a human relations institute with continuous international cooperation, investigation and methodological discussion and exchange of experience."

You don't suppose they hope to tame us, do you?



MORE ON GESELL

Hugo Fack, who keeps the lamp alight for Gesell's economic theories, amplified our report from Switzerland in DOUBT No. 36, thus:

"Much could be said on this Swiss referendum. High finance had bombarded every Swiss home almost with its fear guns of what 'neither inflation nor deflation but stabilization' would do. Of course they too wanted stabilization but with other means. They did not say with which ones. But their assurance to the people that they had the same aim as the bad "free economis" is striking home to them. They are now bound to do something along the principle

proposed by us, and already voices have been heard saying that it should be done that way (as we said).

"In the meantime the educational campaign is going forward in Germany, where political and education groups are gaining influence.

"I hope to report on this in my periodical when I resume its publication in the fall, as I hope. At present we are after Nehru with the proposal to rebuild India, or build up India by means of a built-up money, a money expanding production without armament and war production. The proposals have been submitted to him by the head of the Dept, of Architecture of the Indian Institute of Technology, an Austrian. Until now our approaches to these great spiritual leaders, have proved that they are just as blind as their colleagues of the Western World."

SWEDEN DOWN DRAIN

On March 6, 1952 old style, Sweden joined the USA as a Police State. The police were empowered to open letters and tap telephone wires.

By the way, what are YOU doing toward having those practices barred in your community?

MORE FUN

A letter to a former professor at Smith College was returned to us recently, inscribed, "Deceased/Address unknown."



HI-SPOTS IN THE MAIL

LMFS Guy Rogers writes: "Don't you think those striking jail birds deserve Fortean honors? Where is an Honest Citizen these days brave enough to stand up for his rights, a square deal and a steak dinner?" (Rogers is a vegetarian.)

MFS Millar writes: "After reading on Page 718

MFS Millar writes: "After reading on Page 718 of the Books, about the supposed pendulum proof of the earth's rotation, I got out my old high school physics textbook and looked up the explanation in it.

Molern Physics by Charles E. Dull, P-ge 145: 'Foucault used a heavy pendulum bob suspended by a long wire to prove that the earth rotates on its axis. A stylus attached to the bob traced paths across a sanded floor. In 24 hours the tracings had made a complete rotation.'

I got out a globe and held a piece of cardboard beside it to represent a constant plane. The dashed MFS Stetson writes: "Now reading a work of a Dirty Red Atheist (Mexican Division) named Alfonso Goldschmidt entitled *Tierra y Libertad*. Said Dirty Red Atheist reports that the Mexican land reform is a filthy capitalistic fake, enriching nobody but gringos and politicos. Probably true enough . . . Other irrelevency: if the quaint antediluvian

Other irrelevency: if the quaint antediluvian calendar is to be reformed, might be best to junk the names of, at least, September, October, November and December, referring to seventh, eighth, ninth and tenth, which they aren't and haven't been since I. Caesar of Rome named July after himself."

J. Caesar of Rome named July after himself."
MFS Markham writes: "For my own good, and for everyone's, I nominate Mount Pelee as the official symbol of the Fortean Society.



It is the terrible symbol of the unpredictable. It is a concrete emblem of those things we know in our hearts to be true, though others may reason them away. It should serve to remind us that dogmatic assumption is just as deadly for those who prate it, as for those who servilely accept. The people of St. Pierre were terrified of the noises and the shocks, but the scientists KNEW Pelee would never explode!

Mount Pelee is a monument to Charles Fort!"
MFS Hall writes: "A GREAT NEW PROJEC-TION HAS BEEN LOST TO POSTERITY! Only trouble with the Mercator Projection is that it emphasises the wrong things. Now my proposed projection, on the Mercator principle, would have an East Pole and a West Pole. The West Pole would center in Omaha, Neb. (I was raised there) and would be represented on the map as a line across the top. This would spread the great U.S. and A all over the top of the map, where it belongs, and would make it bigger than Asia or Africa, reducing Roosia to insignificant size."

NAMED FELLOW 21 FS

Clarence Willcock of Pudsey, the "sturdy York-shireman" who refused to bear an Identity Card wins the highest Fortean honors for the year 21 FS—hands down.

We shall report on Mr. Willcock's response as soon as it is received.

THREE POEMS

By S. E. LAURILA

HISTORY

in stress time
government
heavy
with the odor of guilt
nags and stalks the
populace
to discover
how much they
know
and the jails swarm
with those who
know
too much

FOR BETTER AND OFTEN WORSE

rimped I am rimped and crimped I am a pineapple upsidedown cake with my backside showing from the baking tin a few words mumbled a ring passed and deftly slipped into the oven at 350° degrees baked to a crisp toast brown crimped at the edges but not risen properly rimped unraised it didn't work this time bite me the pineapple wasn't peeled.

SPANG! IT'S BLIGHT

spoodle my roodle spin me, man and you say when do we eat the rainbow bright the earth newly rinsed spindle my dindle kiss me now oh? you lost your shirt button riffle my tiffle you want I should sew it on now spang the sunset oh spoodle my roodle your pants from the cleaner oh love whose socks lie scattered oh romance of frying pan oh poetry of soiled laundry spoodle the male poets who have no work to do roodle those who only sit and look artistic and spread their falsehood while the rainbow streaks the sky

STARVING IN MADRAS

An appeal for help comes from Madras, India. Ten million are hungry. Make checks payable to India Food Relief Committee, Inc., and send to them at 15 Park Row, New York 38, N. Y.

1

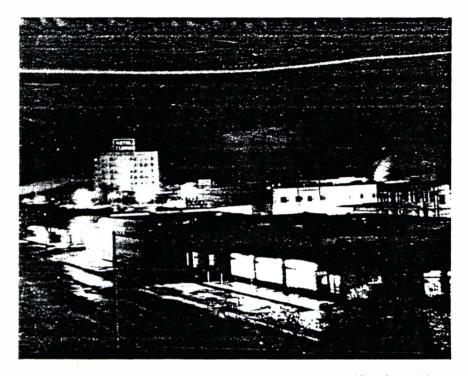


Photo by Markham

The picture shown here was snapped by MFS Markham, and sent to *Life* with this letter: Editor, LIFE, Dear Sir:—

The enclosed photograph is not a fake as can be easily determined by anyone who knows my reputation as an amateur photographer.

At about 4:30 a.m., April 21, I had the hunch to go up on the ridgepole of the house to photograph a minor electrical storm then in progress.

During the time I was up there I had the impulse to make a time exposure photograph toward the Clovis Hotel which is approximately SW x S of the house.

At about the time of the enclosed time-exposure, something shot out of a cloud to the southward, traveling east. The cloud from which it emerged was highly charged. There were occasional bright, diffuse flashes of lightning inside it. The thing that emerged went horizontally at tremendous velocity—perhaps something like 15 degrees in one tenth of a second.

When this photograph was developed, a streak turned up in it, visible toward the top of the picture. Just above this streak there is a sequence of dots, 4-2. This sequence is almost exactly in the center of the picture. This was not a scratch on the film: inspection of the negative reveals a dark streak.

Now here is a series of coincidences which may be significant.

I am a member of the Fortean Society, NYC. For about fifteen years I have concerned myself with investigation of the possibility that things come here from outside space. I am also a morse telegrapher. That is my trade. No one pays money for the kind of investigations that are my hobby so, by working for a railroad—the ATSF—I make my living.

Does it not strike you as odd, that at the time I had my camera open—the exposure is about I minute—I had to pick that precise time when something, conceivably NOT an airplane, should shoot past the instrument, and 'blink' me an 'HI', which in morse argot is either a sign for amusement, or a greeting?

I have had articles published on the subject of possible outsiders. Very few, to be sure. Most, appeared in DOUBT, published by the Fortean Society.

The thing that shot out from under the cloud, as before mentioned, may have been one of several objects in the sky at the time.

My impression is that something from somewhere else, knowing I am who I am, either wigwagged me a friendly or derisive greeting and passed on.

Data:

CIRO 35mm camera, 3/3.5 lens, wide open, exposure approximately one minute, direction SWxS: film Kodak XX. Time, about 4:30 a.m., April 21, 1952; taken from the ridgepole of the house where my apartment is, 501 Pile St., Clovis, N.M. Electrical storm then in progress. Sky mostly cloudy. The thing I mentioned earlier moved across the sky about due south, low, not more than twenty degrees above the horizon. There is no possibility it was a plane; moved too fast. Little chance it was a meteor: sky was very cloudy along the southern horizon. Beside, it moved horizontally.

I have what is termed a psychic nature. The enclosed example of my writing, when submitted to a competent graphologist, will assure you of that I had the impulse, obeyed it, and this is the result.

Take it or leave it.

Yours. NORMAN G. MARKHAM

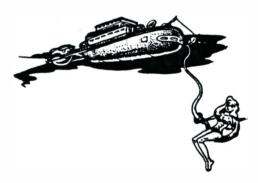
In a postscript to YS, the writer adds:

Neglected to mention that, whatever this thing was that left the streak, it was invisible to my eyes-or at least I did not see it. It made no sound that I can remember. There was a pretty complete silence at time, broken only by occasional mutters of thunder.

WILL A BRITON CHECK?

The Buffalo Courier-Express stated, 1-17-52 old style, that twelve of the fifteen archaeologists who "first inspected" the tomb of Tutankhamen (1922) died within a month after the discovery.

We know about the curse and all that and all that, but this is the first time the figures—"twelve in one month" have come to view. Will one of you Londoners go over to the museum and look it up, please?



DAMNED MARTIANS

Now that the steerers of all our destinies have decided NOT to go to war with Russia, the publicity campaign for flying saucers may clarify itself. The "invader" spooned into us by the comic strips from early infancy is now a Martian or something, and the billions of taxes will be dissipated through the next few decades on "defense" against spacemen. Want to bet?

In addition to all the pregnant data in past DOUBTS, the March 22, Collier's and the April 7, Life, reference is to the Hertrib 3-4-52, "Moon Bounces Radio Message Back to Earth. . . Vast Possibilities Seen. . . 1-Accurate radio control of satellite space ships circling thousands of miles above

the earth, 2-Unjammable radio guidance, provided the moon is right, of long-range remotely controlled missiles of war. 3-Radio detonation of atomic mines previously hidden in an enemy harbor or factory city thousands of miles away. 4-A peacetime radio system that would be independent of meteorological or magnetic conditions on earth."

In the Times 4-3-52 was announced the forma-tion by Robert F. Mathewson, science curator of the Staten Island Museum, of the Staten Island Interplanetary Travel Society.

This change in the formula of our daily dosage of dope would make a Fortean as sore as the owner of a steel mill, and arouse the same resentment of Government's encroachments upon "our" business, if we had not the advantage of Tradition and the time-honored reputation of Charles Fort. For instance, only last week a perfect stranger wrote offering to produce proof of the landing here of sentient creatures from "space-ships". YS agreed to have Forteans meet the visitors any time, any where. The point is that the datum was sent to us

rather than to the Radar Branch of the Army. The session's grist on celestial objects of all kinds

was 118 pieces. Keep them coming. Whether the tax-payers will be fooled or not by this new dodge remains to be seen. They were not fooled by the Red Menace.



Jan. 30, the New York Post reported the Red Cross "blood quota" lagging.

Jan. 31, the Los Angeles Times reported that Californians who attempted to leave the State "if an enemy strikes", would be prevented from crossing the State line, "by force if necessary".

Feb. 9, that DC Civil Defense Office stopped distributing dog tags "because the plastic cord that goes with them has been found to be highly inflammable."

Feb. 26, also in Washington, the Adjutants General Association was squawking its head off because they can't get suckers to join the National Guard.

May 7, Lt. Gen. C. R. Huebner, director N. Y. State Civil Defense Commission has instituted "an intense program" for civilian volunteers to act as aircraft spotters. He wants 70,000 but has no more than a handful.

YS has adopted a new attitude toward this recruitment. He favors it. Only fancy how much better off the rest of us will be when 70,000 mental incompetents have joined Huebner! Let us, by all means, get them together-and build a cage around

STOP THAT FLUORINE

The tax-caters can't spend money fast enough on lie-detectors and rain-making. Now there's an epidemic of fluorine purchasing. Buffalo and New York City are both on the spot to install equipment for



dosing the city drinking water with that chemical slop at a nice profit to its makers, who are probably the same people who make the vaccine and so on. The same costly and dangerous fraud was recently put over on the citizens of Pittsburgh.

Of course you won't be able to drink tap water after they fluorine it, but your grocer has bottled spring water—at a price.

However, if we start kicking now—and stick with it—maybe we can head it off. A good many cities which have already spent the money for fluorinizing their water have since discontinued the practice. For ammunition in the fight, address W. D. Herstrom, Box 438, Faribault, Minn. Send him at least ten cents.

The homes of Hartford, Conn., have been circularized—by whom is not known—condemning the proposal as a violation of "basic moral, ethical, and legal principles". Remember that New York City children did not have to wear dog-tags because you said—NO!

Try it again. Write to the mayor, the governor and your councilman—and sav—NO, fluorine!

Visits with the Professor. I. Physics as Bodies in Motion.

By H. W. GILES

The lecturer on the television had just finished saying that it was the opinion of authorities nowadays that the constitution of matter was largely electrical in its nature; if not entirely so . . .

"Rubbish! exclaimed the Professor, as he readied to throw the switch cutting off the television lecturer. "In the first place, there's no such thing as matter" . . .

"No such thing as matter!" we interrupted, just to lead him on.

"No, only bodies," said the Professor.

"Only bodies?" we echoed.

"Yes, bodies in motion," he said, settling back in his chair and lighting his Meerschaum. "All the generalizations, or laws of physics are ultimately reducible to terms of bodies in motion. Space and time, Kantian "categories", are abstractions derived from the multiplicity of bodies in the universe and from comparisons of their motions. A universe devoid of bodies is inconceivable: "limitless empty space", a meaningless term. Geometry derives from the existence of bodies in motion, and not viceversa. "If there were only one body in the universe there could be no motion," as the late C. P. Steinmetz once said.

Time is an abstraction derived from comparison of

motions: the comparison of a particular motion with the motion of the earth and the stars; or with the motion of clockwork regulated by reference to these or to other motions used as standards (the vibration of crystals, etc.)—body A moves so far while body B completes M other, supposed by equivalent motions. Thus the notion of the equivalency of motion is implicit in the concept of time. But only relatively can two or more motions be deemed equivalent: one can be substituted for another: but only if both have been observed from the same place. If observed from different places, they may or may not be equivalent; and we have no way of knowing whether or not they are equivalent. Hence the relativity of time.

Motion is relative to the place of observation. Thus for an observer on earth, it is correct to say that the sun moves daily in the sky in a geneal direction westward. It is the only motion and the sun has—relative to the earth. To picture the earth revolving about the sun, one must imagine one's self far out in space, stationary relative to the sun; and conveniently placed to view both the sun and the earth's motion about it. Since this (at least at present) is impossible, the motion of the earth—about the sun remains a deduction based upon indirect observation.

A particular motion may be slow or rapid: in one or another direction; it may even be zero (the body may be at rest)—all depending on the place of observation. Motion is relative: and so are the abstractions derived from it.

Motion, then, is the most basic fact. Even mathematical relationships are but the ghosts of motions. Indeed, there is no change of any kind that does not involve motion.

The diverse behavior of bodies in motion, particularly their varying capacities for changing the motion of other bodies (accelerating their velocities): or, conversely, the disparity which various bodies exhibit in the resistance they offer toward themselves being accelerated, leads to the conception of inertia: or, (the same thing) mass: which, combined with the abstraction of time, yields the very convenient fictions of force and energy.

Forces are often said to be "twins"—another way of stating Newton's Third Law of Motion: To every action there is an equal and opposite reaction. But this is tacitly assuming that the basic motion has been observed from a point outside either of the reacting bodies. From a point of observation located upon either of the bodies themselves, there would but one motion discernable; and hence, one force.

Force, velocity, acceleration, inertia and energy are all abstractions—generaliations of the observed behavior of bodies in motion.

All bodies are supposed to possess inertia—the amount of inertia that any particular body has is supposed to increase with that body's velocity; the increase being especially noticeable at velocities approaching the presumed maximum, that of light. Which is only to say that, other things being equal the faster a body moves, the greater is its capacity for changing the motion of other bodies."

By this time the Professor's pipe had gone out. When he arose to re-stroke it, he paused in front of a cupboard: opened it and brought forth a bottle and glasses. The bottle was labeled "Prune Juice" and had doubtless at some time contained that liquid. Its contents now were otherwise, as we had

reason to know. But we did not refuse the proffered drink.

"Professor," I said, "I remember reading recently a quotation from The Note Books of Samuel Butler, in which the author states that there is really only one body in the universe; to wit, the universe itself. All others recede into unreality when closely examined. How do you square that with your philosophy?"

"Why," said the Professor innocently, "it doesn't need any squaring. I never said that any of those bodies were real. I wouldn't know what you meant by that. What is reality?"

"Touche!", I acknowledged. And raising my glass, I gave him the Primum Mobile.

"Only one body" . . . mused Susie, as we left. "Does that mean that none of us is altogether in one piece?"

MFS BUMP WRITES:

I think that all Forteans should read Max Stirner's "The Ego and His Own." Stirner clearly shows the fundamental falseness of Orthodoxy and therewith the means to overthrow it. Orthodoxy assumes (and must assume) that Universals are the true Reality. But Stirner pointed out that the Real is the Particular, not the Universal. The reality of each individual lies in his Uniqueness, not in his partaking of universal qupalities. Thus an individual may be a man and an American. But he is more than that —he is himself!

As I see it, all conflicts are related to conflicts of thought and the fundamental conflict of thought is between realists and escapists, what William James called the tough-minded and the tenderminded. The realist tries to deal effectively with reality; the escapist tries to escape from reality.

Please don't misunderstand me. I am not saying that it is the only conflict. I am merely saying that it is the most fundamental conflict. I think that war is inherent in life but that the destructiveness of war is minimized by realism.

To some extend we all try to escape from reality (the outer reality) in order to preserve our individuality. This represents in some degree a war with reality. The difference between the realist and the escapist lies in this, that the realist always recognizes that the outer reality is there while the escapist tries to convince himself of its non-existence.

Universalism is the manifestation of escapism. The escapist finds the actual world too disagreeable to faee: so he tries to replace it by a world of universals, that is, "heaven."

The realist carries on personal wars as he has to in order to maintain his existence in this world. But the universalist is engaged in a war against reality itself. He is at war with "this world."

The escapist (universalist) comes into contact with reality in great part through contact with realists. Hence his war against reality takes the form of a war against realists.

Stirner thinks that all feelings (as affection, etc.) are manifestations of egotism, that (for example) an individual likes to see another individual happy because this in turn brings him pleasure. With this I do not entirely agree. I think that every emotion, every passion, has a certain autonomy, a life of its own. In proper development, all the emotions, including egotism, are in harmony. But it is possible to convert certain emotional tendencies into antiegotism, to turn the individual against himself.

Nietzsche describes how this is done by Christianity. We hear a lot now about schizophrenia (split personality). Is it not possible that all schizophrenia is the product of Christianity or its derivatives?



The diversion of the passions so as to turn the individual against himself is of course the work of the escapists (universalists). It might be said that universalism is a self-created disease while schizophrenia is a disease imposed upon one by others. Perhaps the two diseases are to be found together in the same person.

The universalist thinks that he is escaping from "this world" into freedom. But actually he is imprisoning himself. He bounds himself on all sides with rituals and dogmas so as to keep out the icy breath of reality.

Always gnawing at the vitals of the escapist is the fear of reality resulting from the subconsious knowledge that he has not overcome reality but only escaped from it temporarily. He is always in need of assurance that he is right. So he seeks "converts." He can maintain his illusional world only by the constant reiteration that it is the real world. This is called "prayer." He has "faith" that he has overcome the real world. But in his heart of hearts he knows that it is not so. To still this inner voice he congregates with others in "churches", thinking by the power of numbers to establish the supremacy of faith over reality. But ultimately it is all in vain.

Growth, expanson, is the tendency of all life, even of perverted and diseased life. So the illusionist, the escapist, seeks to spread the boundaries of his "Church." But what to him is freedom from reality is to the realist only imprisonment from reality. Hence the continual revolt by "individualists" against the dogmatism of the Church and its derivatives, "modern science," the priesthood of medicine, etc.

In the cult of "modernism," the doctor has taken the place of the priest. The "selfless" labors of the doctors to deliver people from the consequences of thir follies by ever-new forms of magic, none of which ultimately succeed in their purpose, is the vicarious atonement over again. The phrase "men in white" suggests the sacredness of the temple. Universalists always prefer the colors black and white because of their "abstract" quality, their conveying of the quality of "not being of this world."

To me Forteanism represents the revolt of the realists (the "individualists") against the church of modern science and the "men in white" (the new church which has been erected with the dogmas of science as a foundation in an attempt to preserve the illusional world of the escapists against harsh reality).

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 reproduced 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.

1863

Box 3 (Continued)

- 3 PM / Rouen, France "violent noise like Oct the firing of cannon" and shock LT Oct
 - 12, p. 11. Quake 3:20 AM / Hereford, Worcester, etc. / West of Eng. S. Wales.
 - 3:25 AM / loud sound hear twice and perhaps 3 times. Sound so great supposed in some places been a great exexplosion. Said that a light in sky but it was "auroral" at Gloucester. Daily News (8th).
 - 2 quakes at 315 AM Carmarthen p. 157 See Oct 30, 1868.
 - Afternoon Paris Violent hurricane / torrential storm LT 10, p. 10.
 - Carmarthen Bay 11 AM great volume of discolored water rushed through the clear water of the Bay. Quake was about 3:20 AM. LT 23, p. 4.
 - Shock after 3 AM. One of the most violent thunder storms recorded at Leomonster LT, 10, p. 10. At 7 AM, long after the storm had ceased, came a sudden intense darkness.
- Oct 12 Conj Sun Moon Merc Venus Mars Jupiter Saturn
 - Frant, Sussex. Aurora divergent rays from a cloud almost due West. LT 15, p. 10.
 - About 10 PM. / Met train like a comet for 10 minutes Margate. LT Oct 20, Oct 21, p. 5. London etc. BA 64-8
 - Canada Dark Day Sci An 112-229

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- 18 Lights like 2 united balloons / France / La Nat 1898/1/127 Meteors not notable in AB
- Oct Meteors great deal LT Index Oct Rains black / Scotland D-3rd Oct 28
- Box A (Resumed) Nov LT p. 5 Strange discovery in the Orne. Box 3 (Resumed)
- 12 In England meteors "singularly deficient" Nov 13 ac to E J Low in Times, quoted in Astro
- Reg 63-192 Great met display - 66? Rept BA '64
- A M / Very few meteors by E J Lowe at Beeston Observatry. BA 64-14
- About 2 pages to meteors in BA '64. Not remarkable in England.
 - Weston-super-Mare "bright Aurora from 7:30 to 8:30 PM. BA '64
 - Aurora Beeston in Weston-super-Mare. Mare. Largely in URSA Major. Beams moving Westerly. Full star details LT 17, p. 6.
 - Op. Vesta
 - Birmingham. George Hunt / Hill between Lambert and Timocharis illuminated by accompanying ashes. Astro Reg. 2/10 See P 55
 - On moon on (indecipherable) obj said been a hill that "shone out very splendidly accompanied by brilliant flashes. Observatory 11/40.
 - Hanover; Bremen / E to W / det met
 - / BA 67-424 Issue of Les Mondes / the Abbe de Thury says that at 8 that evening interior his house suddenly illuminated with brilliant light coming from the North. Looked out his garden lighted - In sky saw a luminous body slowly moving from S E to N W. No date published. It moved so slowly that he had time twice to rub away moisture on the window pane to see it better. It was an elliptic body surrounded by an aureole — volume — more than one "tiers" and "moins de moitie" that ?that? of the moon the thing suddenly disapp
 - LT p. 10 No common bird LT '63
 - Windermere Met and then 5 minutes later a rumbling sound LT Dec 22, p. 5.
- Switzerland Det met 1 AM BA '67/424 Box A (Resumed) LT p. 19 / Hist. Myst. The Grafinin le Planen Palais.

Box 3 (Resumed)

- Tempest C.R. 57-946 1001 7:55 PM Met Yorkshire, etc. 3 letters LT 8, p. 4. Met like lightning. Lighted up sheets brilliantly At Louth (LT 10, p. 11) To people who not see the meteor the light was like a remarkable fish of light-

ning / (far south as Bath LT 19, p. 5). It path like those of Dec. 8, 1861 LT 19, p. 5. ac to A. S. Herschel.

This fireball "produced the vivid imprestion of lightning over the whole area of the British Isles." BA 64-1.

About 8 PM / Lancashire, etc. / Met sound like train of (?) BA 64-18 Lt Dec 8, p. 4, etc.

Meteorite of Belgium / meteorite slow / Writes C R 58-75 says believes it arrived at very moderate speed, not even of a cannonball, because it struck earth with less effect than that of a cannonball.

Tourinnes-la Grosse. Meteorite (F) C R 58/71

Godadrones, Guam BA '11

- 3 AM / Trebizond, Asia Minor, great det met followed by fall of snow BA 65/128 Stonefall? BA 67-424.
- Moluccas Light quake BA '11
- From 10:33 PM Hankhurst 20 mets from Gemini in 2 hours BA '64-24
- Great meteor Nottingham, etc. LT 17, p. 12
- Letter. (Oct. 6) LT indexed Oct. and Dec. Metcors. (BO)
- Hundreds of Mets England / AT Hankhurst, Kent / 20 in two hours radiated from near Geminoruth / on 13th many 8 in one hour from Gem. BA 64-28. See Jan. 2, 1864.
- At Ouidle, to 11:45 PM 53 meteors LT 17, p. 12
- Dordogne (Fr) Meteor twice size of Venus
- BA 67-423. 9 AM / Meteor / Bengal / 130 miles N E of Calcutta / detonations heard 30
- miles. A J Sci 2/40/134 6:50 PM / Kent, Somerset, Worcester / Met from Pleiades (indecipherable) from a point to the horn. BA 67-425 / '64-29.
- About 7 PM / LT 29th or 30th, 5 letters upon met seen in Worcestershire and Loganshire.

1864

Box A (Resumed)

1864

South Bend, Ind. Body of Anna Rees. See Aug. 11, 1872. Sleeper Susan C. Godsey, near Hickman, Ky. See July 14, 1869. Sheep in Iceland / extraord. year. Box 3 (Resumed)

- Quadrantids unusual N.M. E Mec 74-446 Jan. 2 Bootes.
 - 2-3 50 mets noted by R P Greg at Manchester BA '64
 - 7:30 to 8:30 PM Very many meteors ac to E J Lowe at Beeston Observatory BA
 - 2 From 11 PM to early next morning shower of exceedingly bright meteors seen by all England 50 to 60 an hour radiated from Quadrantids near head of Bootes. Astro Reg 2-39
 - 2-11 Asia Minor
 - Persia and Philippines
 - Persia and Austria

- 10-11 Asia Minor
 - 12 Murcia Spain and Chile Quakes in Jan in China (Hankow) BA '11 Some quakes Feb 18, 1889.
 - Manchester, England, ab 69 mets in 2 hours, Proc Amer. Phil. Soc. 13-501. Abundant meteors Nature 65-100

 - Quadrantids around 234 RA 51 N. Dec. It Viggis 277.5 RA 34.6 Dec.
- Night Eruption of Kelout Java. Details La Sci Pour Tous 9-118. Detonation was heard in Borneo.
- Eruptions of Dekloet and Merapi, Java. 1-10 Cosmos 24-282.
 - LTpII
 - LT p. 11
- 11 LT p. 14
 23 LT p. 2 Meteors
- LT p. 10 Explosive sounds of meteors. 8:40 PM Meteor S W Eng. BA 64-30
- Cheltenham near Gloucester / St. Leonards near Hastings
- Explosion at Liverpool heard far. See LT Ab 15 Index. Explosion on a ship 7:20 PM. LT Jan. 18, p. 9.
 - Cheltenham / Sound overhead like heavy luggage train in a Wales fall from 11:45 to 2 AM / Heard at St. Leonard'son-sea with greater intensity / on 19th there was, in fact, a perfect roar in the upper air, from near midnight until 2 to 3 AM. Proc. Brit. Met. Soc. 2/104/ See May 19,
 - 1869. See Aug. 23, 1863. 8:40 PM Met Iota Draconis from Chi Leonis 8:55 PM LT Jan. 23 p. 12. Larkhurst, Kent.
 - Dust fall Breslau / Abh. Schles. Ges Breslau 31ff50
 - 31 Etna CR 60-548

Box A (Resumed)

Fcb. 10 LT p. 12 Ghost Wales

Box 3 (Resumed)

- 8:20 AM / Copies from a newspaper / ob by Mr Samuel Beswick of New York obj 8" in diameter occup 4 hours 33.5 min in transit. See Observatory 3-137 Astro Reg 2-161
- 18 LT p. 12 Provauk return of comet 1810 Rome / yellowish dust ac to Secchi / Le 20-21 Courier des Science NS /296 / La Sci Pour Tous 15-126. Zeit Met 5/187.
 - Mologa, Russia met train stationary along line in Ursa Major BA '67/425
- Great met Germany Zeit Met 15/76-77 Mar
 - Group of spots under observation by Dr. 12 Weisse had become much larger since preceding observation. Astro Reg. 2-178
 - Thu hail storm at Calcutta Jour Asiatic Soc. Bengal 33-530
 - Singular hail at Paris C R 58-632 29

Apr 10-

- 11-13 Meteors S of Eng. / Apr. 20 Many BA 64-41
 - Meteor falls in nearby regions / 1863 -June 2 - Buschof, Courland ff 1863, Aug. 8, Pillistsfer, Livonia ff April 12, 1864 Nerft, Courland CR 85/681
 - LT p. 7, Apr 21, p. 12 Aurora
 - Mets active BA 64-41
 - tt AM Quake N. W. part of Bombay

Presidency Trans Bombay Geog. Soc. 17/288.

Apr 30 Rumbling sound ab 11 PM and others some like falling of hail and slight shock Uckheld / Lewes Challey Fletching / Thought by some person been explosion of gunpowder / Times May 3 and 4 / Times 6—felt in Kensington 30th at 6:20 AM / again at times at midnight.

May From the Hampshire Advertiser (Southampton, England) of Aug. 20 copying from San Francisco Bullein. Appearance of multitudes of birds in southern counties of California—"thousands upon thousands of robins, linnets, thrushes, canaries, orioles, humming birds, finches, blackbirds, magpies, sparrows and others. Many of them dropping dead near bodies of water. When picked up, sometimes ten or twenty in a lump, they are completely starved and fleshless."

8 Sumatra

16 Java

22 Siberia

26 Formosa

27 Siberia Quakes BA '11 Sings Feb 18, 1889.

12 Aug. 2

22 noted

30

Sept 6 Mets Athens BA 69-283 See July 16 May 14 Met train 15 to 30 minutes BA 64-45

- 14 Water moonlight / Great explosion at 8PM at Montauban / Coal-like substance with little metallic grains in it or crystal-line form / CR 58/932 / This is the Orqueil / F D-74
- 14 8 PM Det Met / Castillon-sur-Dordogue great met from 2 degrees of moon. CR 58-910 Seen at Agen, and violent detonation heard.
- 14 Consistency like bl rain so feeble it dissolved into black water CR 58-989
- 14 Bolide Revue des Deux Mondes / July 15, 1864.
- 14 See 14-15-16 8 PM / Blois brilliant meteor from S.S.W. CR 58/936-
- 15 Moon / In Mare Crisium, a little to the W of Picard a "remarkably bright spot" by Herbert Ingall Camberwell. Astro Reg 2/264 / See Oct 16, 1864.
- 15 8 PM / det met / Geronde tol-et Garonne met and rumbling sound like thunder CR 58-910. The Orqueil of 14th at ab 8 PM
- 17 4 PM / Weston-super-Mare / fireball—conical—seen in daylight BA 67-425

21 LT p.14

20 LT p. 12

- 23 LT p. 6 Th storms Eng. London and Northern Counties.
- June 6 9:45 PM / Paris Met 6 lines Venus / BA 67-425
 - 10 8 PM / Surrey large fireball BA 67-425
 - 19 Sounds / Moruing. "Alabama" sunk 9 miles off Cherbourg. Sounds were heard as far as near Bridgewater—125 miles. Nature 62-378

Box A (Resumed)

23 LT p. 7 Strange story.

Box 3 (Resumed)

26 Dolgobeli, Vothynia, Russia (F).

July 4 to PM / Wales, etc. Met BA 64-47

- 6 Manna / Gardeners Chronicle, Aug. 13, 1864—Not like nostoc does not chy up into an inconspicuous film. There were then some species in the Museum of Natural History in the Armenian Convent of St. Lazzaro, an island near Venice / An account of species that had fallen near Diarbekis and sent to Sir Rhoderick Murchison.
- 6 Manna / Ac to a letter from Mr. Haidinger to Sir Roderick Murchison large quantity of Manan (July 6) was observed near Diarberk Asia Minor. Pop. Sci. Rev. 4/126 pp. 1443.
- Aug 13 Gardener's Chronicle of Sir Roderick Murchison note in of some "manna" that had fallen in gusts of rain at Charput N W of Diarbekis, Asia Minor. Sc. Gos. 3-231.
- July 10 Stone reported Athens BA 67-426 May 12. 11 Frog in ice / D-175 / Canada Pontiac
 - 13 10:15 PM Boston, Mass. Large meteor.
 - A. J. Sci. 2/38ff295. A little below Delphinos toward Pegasus / loud report.
 - 16 Vendome (Fr) Quake CR 59/1023

16 - 29

Aug I Fireballs / said that reported stone falls at Melos, Athens, on 10th See May 12 BA 67-426

July 29 Mets Eng BA 64-48

Aug 2 Mets Athens See May 12.

5 Stat Met Observatory 2/165

- 6 9:30 PM / Abbe Andre wrote from Puycharnard for about half an hour there had been flashes as of lightning. Then appeared a luminous body the size of the moon. Les Mondes 5-673.
- 9 Mets and "lightning" ff Rept BA 64-63.
- 8 LT 6. 9. 10 LT p. 6.
- 12 LT p.10.
- 13 LT p. 6.
- 30 LT p. 9.
- Sept 13 LT p. 10 Meteors
- Aug 106:50 PM det met Greece BA 65/127 See July 10.
 - 13 Greenwich met seen and heard BA 64/88 See Aug 21

4 Turkey Medium quake. BA '11

- 1.4 Isle of Wight cor describes the Syrp. Py covering apple trees. Cover everything. / This insect larger than the honeybee. For 50 yards the rails of a bridge freshpainted caught hosts of them. Large quantities on the Sussex Coast. On Dorset Coast a line of dead ones extending 6 miles. Zoologist Vol. 22.
- 20 Multitudes of insects upon the Isle of Wight. Several cors sent specimens to Edward Newman, Editor of the Entomologist (vol. 2-84), who said that this larvae feed upon the aphides, which had been very plentiful, accounting for their numbers.

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