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# DOUBT

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EDITED BY

TIFFANY THAYER

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## DOUBT

The Fortean Society Magazine

Edited by TIFFANY THAYER

Secretary of the  
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## FIRST PRIZE

The Society's own M.D., otherwise MFS Darling, cannot be topped this session. He sends page 61, of *Medical Economics*, 9-1-58, where we read the headline, HOW YOU CAN HELP EASE THE CADAVER SHORTAGE. The article addressed to physicians and dentists reaches this conclusion, attributed to Anatomy Professor Howard H. Hilleman, Oregon State College: "The medical professions by themselves could easily provide the 5,000 estimated bodies needed each year (for study) and also create a substantial surplus."

Darling appends the remark, "Yes, a terrific surplus if they really worked at it. In fact, they're not doing bad now."

Prof. Hilleman's plan is to force medical students to sign away their bodies as "an added standard formal prerequisite for the diploma". This could even be "fixed by law in the several states," he says.

In the same publication, 10-27-58, is noticed the complaint of the staff doctors at Cone Memorial Hospital, Greensboro, N.C. They petitioned the local City Fathers to prevent the Dick Funeral Home from setting up business within 200 feet of the hospital. The City Council turned them down.

Apropos is a story of college hijinks from St. Paul *Pioneer Press*, 11-12-58. On the Ohio State U campus, Columbus, "an embalmed corpse, stolen from a Sabina, Ohio, funeral home, was found on a bench. The unidentified corpse has been an oddity at the funeral home since 1929."

Second place to our artist, poet, herbaliste, Moray, who noticed that the Westinghouse Research Laboratories, Pittsburgh, have a Dr. T. C. Tsu on their staff who proposes to reach Mars and Venus by sail rather than power, and estimates that the journey to Mars would take a mere 118 days instead of the 260 days that Werner von Braun "allows" for his rocket. Hayward (Calif) *Daily Review*, 11-11-58.

Westinghouse must be a fascinating place to work, now that their strike is settled. The director of the company's Astronautic Institute is Dr. Peter A. Castruccio. He "is studying the possibility of harnessing mental telepathy and other forms of extrasensory perception for long distance communications systems." Apparently that was a publicity hand-out to all the news services 11-2-58. Cr Olcher and Noname.



Noname has made still another magnificent showing the past quarter, and wishes DOUBT were a monthly. That would be great, if YS had two or three heads.

At Amherst, Mass., school authorities were investigating a report that pupils in English had been asked to write a composition on the subject, "How I Would Poison My Family." *Daily Oklahoman*, 11-24-58.

Out in Kansas, believe it or not, the Association of Wheat Growers has a ladies auxiliary called "the Wheathearts", and Mrs. Ray Pierce of Dodge City is a member. Mrs. Pierce in true Wheatheart style suggests a solution for what is called "the wheat surplus problem". Toss wheat instead of rice at weddings. *Kansas City Times*, 11-19-58.

What is called a "popular" exhibit at the Toledo, Ohio, Zoo is two lamprey eels who feed on live goldfish. "The eels bore through the scales . . . and eat the flesh inside. About every 10 days, the eels are transferred to other fish so their victims can recover." *El Dorado (Kans) Times*, 10-15-58.

Not from Noname, but from St. Paul *Pioneer Press*, 11-8-58, NANA credits *Die Wochen Press*, Austria, but the story is about a "zoo" in Puerto Rico run by "a medical institute". The statement is that human beings are caged there and monkeys walk around at liberty. "They stood in front of the cages and pointed and jabbered at the people in them, and even threw food to them."

No mention of segregation in this account of a two-million-dollar school in Owensboro, Ky., but all 90 rooms are air conditioned, the ceilings and walls are "acoustical" and the gym has "electrical partitions so boys and girls can use it at the same time".

Without being shocked?

At another school, Central Christian High, called "private", in Hutchinson, Kans., in a biology class, a kitten was put to sleep with ether and cut open.

Anita Trotter, 15, ran out and home sick. She said, "The cat kept screaming while the instructor made the incisions."

The instructor, Irvin Jackson, alumnus of Richmond U, said, "The brain was deactivated, and the outcries were from muscular contractions." *El Dorado (Kans) Times*, 11-18-58.

Do, 11-25-58, Mikhail A. Lavrentev, Moscow educator writing in *Pravda* "condemned proposals to establish special schools for gifted children as uncommunist . . . He complained that singling out

children who are quick at understanding might result in missing many potentially promising scientists."

YS wishes he had thought to say that.

Moscow radio, quoted from London, reports a device called a gamma radiometer that can detect oil deposits from the air. *Kansas City Times*, 11-10-58.

Oddly enough, the *Oil and Gas Journal*, 8-25-58, told about the theory of a radioactive halo surrounding oil fields, put forward six years ago by Canadian, Hans Lundberg, but "the theory has not been generally accepted by geologists and geophysicists. At the time of writing, Watson H. Munroe, chief of the US Geological Survey in Puerto Rico, was re-activating the theory — and asking for money to test it — because he had found a zone of abnormal radioactivity in likely oil country there.

Do, 11-3-58, under the heading of "Sobering thought" we read the assertion that "2,000 years before Columbus, ancient scientists had calculated circumference of the earth within 1% of absolute correctness." By absolute correctness, we assume the writer to mean the calculation accepted today, which is about as absolute as the length of a fish that got away.

Or, say, as absolute as a radar calculation of a motorist's speed. In recent DOUBTs we have named at least three noble Solomons of the bench who refuse to admit radar evidence against drivers charged with speeding. Nevertheless, in Fort Scott, Kans., the State police "Troopers now are able to check vehicle speeds by radar while their cars are in motion." *El Dorado Times*, 10-27-58.

Or, say, as absolute as the "hit" credited to Bomarc. The target and the missile were launched at Cape Canaveral. The target was calculated to be moving 1,000 miles an hour, at a calculated height of 48,000 feet, and the Bomarc was 75 miles away from it. Then, in Kingston, N.Y., 1,500 miles from any of this, the button was pushed that motivated the "hit". Now hear this: "The knockdown was simulated — recorded by an instrument — with the target flying on for later use."

This account does not say *where* the recording instrument was located. Our guess is in Alaska. Neither does it say that the target ever was seen again. If it was still moving 1,000 mph when it came down, its "later use" is also open to debate. *Manchester Guardian*, 9-26-58.

But don't get angry about your taxes. Even this is better than spraying Japanese boys with burning Napalm.

At Clovis, N.M., the Air Force Base "is keeping alive a particular historical period with its street names . . . such as 'Little Boy' — code name for the atom bomb dropped on Hiroshima." *El Dorado Times*, 11-5-58.

Remember how the papers used to call them "dirty yellow bellies"? We brought them civilization. "In Jijima, Japan, the first strike in history of Buddhist priests closed down the . . . lantern festival . . . the priests in all 11 of the city's temples" refused to say prayers unless their fees were increased. *Los Angeles Citizen*, 9-12-58. Cr Barneson.



MFS Muray had another ranking entry. The jolly surgeons of Kansas City and Seattle played a trick on 70 angina patients. All were supposed to have heart operations, and all were opened up, but only 35 actually received the orthodox treatment. The other 35 were only lead to believe they had.

More than half of the 70 recovered sufficiently to return to their jobs, and "just as many were from the group which had sham operations as from the group which had the heart surgery. The doctors said it was obvious that the only benefit from the operation was psychological." Hayward (Calif) *Daily Review*, 10-28-58.

YS culled the next three himself.

When the Pope was dying, Cardinal Spellman was aboard the liner *Olympia*, steaming west. An AP man in Paris telephoned the ship and spoke to Msgr. Terrence Cooke, the Cardinal's secretary.

It is impossible to identify the guilty author of the following quotation, whether it was the presumptuous Msgr., speaking or a stupid French reporter putting words into his mouth. In either case, the final responsibility for permitting it to appear, on page one of the *World-Telegram*, 10-8-58, lies with the copy editor on duty that day in N.Y.C., and for that he deserves to be bounced.

The Msgr., "said no plans had been made to transfer Cardinal Spellman to a U.S. Navy ship to be rushed back to Rome should that be necessary. He added, however, that such plans could be contemplated if the time came."

If the time ever comes when the United States Navy supplies a ferry boat for a Roman Catholic Cardinal, every flag on every staff will disintegrate in shame. That, indeed, will mark the death of a nation.



The second piece is a mail order ad from UFO Products, Michigan City, Indiana. It sells a "ufo-meter" for the amazingly low introductory price of only \$9.95. I doubt that the Post Office will stop these people. The only claim made for their gadget is that it is "guaranteed to produce an audible tone when a magnetic deviation of only a few degrees takes place."

Not even J. Edgar Hoover would put a man in jail for that, and it wouldn't surprise me if the federal government were backing the company.

The headline is a question: "Would you like to see a FLYING SAUCER?"

The copy does not say this machine will show you one, nor that it will identify the real McKoy if you do see it. The copy says merely, "Here at last is a commercial instrument for the detection of flying saucers. . . . Based on the fact that UFOs seem to either distort the earth's magnetic field — or create their own! This device is not a toy — but a precision scientific instrument —"

That is all — except on the order form — which is *your* message to the maker, *you* sign a line reading: "Looks like you've got a real U.F.O. Detector! Please rush one to me—"

Size is nowhere indicated, but two photos show a box attached to an electric cord. The top of the box is a compass. Judging the size from the wall—plug on the end of the electric cord, I should say you could easily hold the works in one hand, say 3 or 4 inches square by 6 or 8 inches high.

The third bit calls attention to the bravery of a gravel truck driver at Cheyenne, Wyoming, who purposely ran over Ken Calkins, 8-19-58. Ken and four other pacifists were handing out leaflets and attempting to halt work on a new missile base by Gandhian means. Ken Calkins and Ted Olson sat down in the road to stop trucks. They were forcibly removed over 30 times, then—urged to do so by the "air police"—this one nameless hero actually drove his truck over Calkins, "seriously injuring his back." After 10 days in the hospital, Ken was sentenced with his companions to pay a fine or go to jail. They all went to jail. The other three Peace lovers were John White, Erica Enzer and Ellanor Calkins, presumably—Ken's wife.

Runner up was Old Boy Essenhigh of Sevenoaks, Kent, who discovers news of the USA that nobody here reports.

That Civil Defense is distributing "radiological defense kits" to high school pupils in New York and New Jersey. Each kit contains a geiger counter and other gadgets for testing the radiation contamination of food and water. By spring, officials hope to have 15,000 of these kits in use. *Daily Telegraph*, 8-6-58.

If you had known the right people in time, you could have bought stock in the company making the kits.

In Boston, the Veterans Administration estimates that only about 500 Massachusetts vets of the Spanish-American War should still be alive. On the rolls they have 1600. A research team is examining 160 of these boys who should be 80 years old to find out why they look 20 to 25 years younger than that. *Do*, 9-3-58.

In Jackson, Mich., police were "baffled" by the disappearance of a 20-foot windmill from a farm. No tire tracks or other indication which way it went. *Do*, 7-21-58.

In a Nottingham chemical works where men make a synthetic hormone tablet for women, the men got pains in their chests and began growing busts. Taken off the job, they returned to normal. *Do*, 7-18-58.

"Salmon returning from the sea coloured yellow or red may be suffering from jaundice, the Severn River Board says." *Do*, 7-26-58.



## FALLS

Ice, "a block weighing several pounds crashed through the roof" of Ronald Phipps, Manor Road, Richmond, Surrey, "last night". Manor Road is on one of the approaches to London Airport. *Daily Telegraph*, 6-24-58.

Ice, "a hunk weighing about 25 pounds" fell on to the sidewalk of O. B. Moore, Arch Street, Brownsville, Pa., early in the day 7-11-58, during a storm. First in this part of the State, but Civil Aeronautics Board has attributed other Penna falls to "deposits on airplanes". In July?

MFS Stuart Smith obtained a fragment of the above ice from Mr. Moore, but advances no theories of its source.

Ice, "a 70-pound cake" crashed through the roof of Dominick Bacigalupo, Madison Township, N.J., last night, smashed two kitchen chairs. Planes had been heard overhead shortly before, but "area airports gave this theory the cold shoulder. They said airliners do not carry ice." 9-3-58.

Hail, in one small area, covered parts of a farm with 4 inches of "compact ice" — farm of G. Thomas, at Kaurinani near Peria, N.Z. Rain elsewhere. *Christchurch Star-Sun*, 9-4-58.

Frogs, thousands, alive, mixed with hail, "blanketed the countryside" around the Jura mountain village of St. Julian-sur-Suran, on the French-Swiss border. "82 mountain sheep were skewered by lightning." 8-8-58.

Fish, a deluge of smelts fell in the road near Escanaba, Mich., when "tailgate of a truck broke open". *AP Wirephoto*, 4-23-58.

Fish, in Dallas, Texas, Pentagon Parkway. Seen to fall. Two little girls gathered up 40 in a jar, all about 3 inches long, dark grey with reddish gold spots and red tails. They died soon. The girls were Martha Brumley and Barbara Williams. The weather man who brought up the pond story was M. C. Harrison. A corr of the *Dallas News* who said pond theory "unbelievable" was Roy P. Hall of McKinney, Texas. He calls it a "miracle". 6-18-58.

Fish, a 16-inch trout, not seen to fall. Electric power failed, Missoula, Mont. The fish was found wedged between two insulators on top of 50-foot pole, by a lineman named Pike. He thinks an eagle or a hawk dropped it. 7-11-58.

Fish, "a minnow" alive. 3 inches long, flew into the windshield of Frank Luckel, San Diego, Calif. Think dropped by seagull. 9-24-58.

Not seen to fall, but found in the street, 150th and Park Avenue, NYC, a 9-foot shark, dead, gutted and defanged. Found at 8:30 a.m. Later — that night — an 8-foot porpoise was found hanging from a lamppost in the Bronx, not far from shark-kill. 8-25-58.

Not seen to fall, but found dead on a highway, 13½ miles from Perry, Okla., a striped animal identified by "Wellington News" as either a zebra or a referee. *El Dorado (Kans) Times*, 11-7-58, but the find occurred 10-18-58.

Not seen to fall, a bone, "found last week" in Central Park, NYC, on the uptown drive near the 72nd Street exit. A label attached "suggested" it might be part of a mastodon, but those experts at the American Museum of Natural History identified it as "a common whale rib of recent vintage".

"Space snakes", also called threadlike grey worms, also "nematode worms", vinegar eels, horsehair snakes, up to four inches long, found "every 18 inches or so on gardens and paths" after a storm. at Wivenhoe, Essex, 6-6-58.

"Gossamer" strands up to 50 feet long, also called spider webs, also "fine dust, particles held together by static electricity", all over the place around Portales, N.M. Noted that this is not the first time in this district this year, called a nuisance. 10-9-58.

Pumpkin, fell from a vine 20-25 feet high and broke windshield of a car. Grown by W. S. Fleming, Columbia, Tenn. 9-28-58.

Aluminum ball, 12½ inches diameter, hollow and empty, attached to a parachute and a burst blue rubber balloon, landed in garden of Mrs. Elsie Negus, Lambton Road, Raynes Park, Surrey. No identification. 7-11-58.

Fine wire, bits all 7 inches long and "covered with a greasy substance", spread over a 30-foot area in yards at 208, 210 Kleber Road, Glenshaw, suburb of Pittsburgh. Some pieces buried an inch into earth, and leaves of shrubs had been torn by them. Apparently landed in a bundle which burst when it hit.

Dust covered all South Australia to a height of 6,000 feet. "Plants were cut to ribbons by the dust. Three airports had to close . . . Dockers at Port Adelaide wore goggles." 6-5-58.

"Black dew" discolored buildings in a 10-block area on Chicago's south side. Called the most severe attack of a series over "several" years. One T. E. Maroney, householder, said "a sulphur-like, bitter tasting acid gas" accompanied the phenomenon. 11-23-58.

Yellow dust mixed with smog closed Tokyo airports. 4-28-58.

Red rain in southern France, centered at Tarbes, attributed to Sahara as usual. 6-3-58.

For the above, which appeared in various papers all over the world, credit goes to Mitchell, Noname, Simpson, Oltscher, Essenhigh, Atkins, Steinberg, Bennett, I. O. Evans, Campbell, Borden, Mealy, Stuart Smith.

## KEEP UP WITH INDIA

A critical weekly published in Delhi will keep you informed of what liberal Indians think of USA foreign policy, as well as of their own politics and Eastern relations in general. The emphasis is political and economic, but the name of the paper is **THOUGHT**, and it contains articles ranging over the entire cultural and scientific front, reviews of books and movies, sometimes a short story. One fairly consistent contributor, writing from the USA, is James T. Farrell.

YS has found **THOUGHT** a vastly broadening experience. No publication in the USA gives you such an opportunity to see yourself as others see you, and none provides comparable insight into the other fellow's point of view on a vast range of subjects you may never have thought about before.

An air edition is available on thin paper, at \$9.50 for six months, but if a time lag of about six weeks is not important to you, send them \$5.00 for a trial subscription on heavy paper by surface mail. Address **THOUGHT**, 35 Faiz Bazar, Delhi, India.

## FBI IN NATION

More fine reading and enlightenment is to be had from the **Nation**, 333 Sixth Avenue, NYC. Send 50 cents for a copy of "Cook on the FBI".

## BEST OF MITCHELL

Last December the California Marine Research Committee said that the North Pacific Ocean was getting warmer. In some areas the temperature was up 5.5 degrees above the average of 1949-1956. *NY Times*, 12-20-57.

Last summer, "The cold water that made bathing miserable on Atlantic beaches during the middle portion of July has even the experts baffled." Dig that "even"! *Do*, 8-18-58.

Down at Pine Bluff (Ark) arsenal, the military has 26,000 tons of poison gas stored under guard. "Although no gas has been manufactured at the arsenal since 1945 . . . once it is produced, the gas can't be destroyed. It can't be buried, placed under the ocean or burned. It must be maintained safely and that's our job," explained J. Milton Howard, called "arsenal head". *NY Jour-Amer*, 12-15-57.

The battleship *Kentucky*, which cost \$55,000,000 but never went to sea, was sold for scrap yesterday. *NY Times*, 11-20-50.

In Putten, the Netherlands, Joke Haanschoten, a girl of 4, was treated for tonsillitis with a radium needle at Utrecht U Hospital. The tip of the needle was missed the next day. The Docs went to Joke's home. She had vomited and the discharge had been burned in the stove by her mother, the ashes scattered in the garden. Parts of the house, the garden, and Joke became radioactive. The house was isolated by barbed wire, the town "blocked off". No more danger, said health authorities, but Joke remains "strongly radioactive". *NY Jour-Amer*, 1-19-58.

The Navy has ordered new single-engine planes that cost \$9,900,000 each, and of course they'll be paid for whether they fly or not.

The *Barracuda*, a submarine, contains a new battery which cost \$2,500,000. It contains 28,896 pounds of silver. *NY Times*, 4-10-58.

Machine gun fire from a Navy plane riddled an unoccupied car parked near a shopping center at Pensacola Beach, Fla. The officers at the Naval Air Station 3 miles away told the snoopy deputy sheriff that they "knew nothing of the incident". *Do*, 11-13-58.

At Valparaiso, Fla., a bomb weighing 750 pounds fell off a plane and buried itself 25 feet deep between two residences. It did not explode. *Do*, 11-29-57.

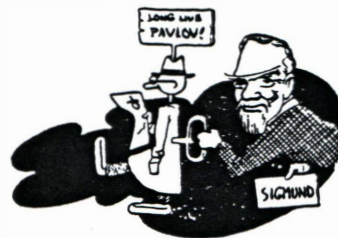
Retired Air Vice Marshall J. L. Plant, Canada, told a news conference that the best defense against intercontinental missiles would be a curtain of sand across the sky, but he hadn't figured out how to keep the sand up there.. *NY News*, 1-5-58.

All ham radio was banned in France, licenses suspended and equipment ordered dismantled. *NY Times*, 5-22-58.

Year after year, about Aug 12, the ballyhooed Perseids are a flop. Now Drs. Sasamu Imoto and Ichiro Masegawa of the Japanese Calendar Association have examined records of meteor showers over the past 2000 years and announce that 4 such showers, once periodical, now no longer occur, but the Perseids is not one of the four. *Do*, 10-3-58.

A statue of the Virgin Mary on Mont Blanc, up 13,245 feet these past 54 years, toppled 3,000 feet into a glacier. *Do*, 7-31-58.

Science Service, that handmaiden to the baseless awe of the great big "S", quotes Dr. Freeman J. Dyson of Princeton who does not expect any important innovation in physics within the next 25 years. *Do*, 10-25-58.



The science newspaper, *Meditinsky Rabotnik*, Moscow, 11-25-58, printed the result of a long pow-wow anti-Freud, calling all scientists to arms "against psychoanalysis, one of the most reactionary and pseudo-scientific manifestations of bourgeois ideology." *Do*, 11-27-58.

The *British Medical Journal* lists six persons, three men, three women, who "fake illness so they can undergo needless operations". One is said to have faked his way into hospitals 120 times. Another, an Irishman of 31 years, can bleed at will from ears, nose and mouth — "and begins his performance in a pool of blood conveniently near a hospital." *NY News*, 11-23-58.

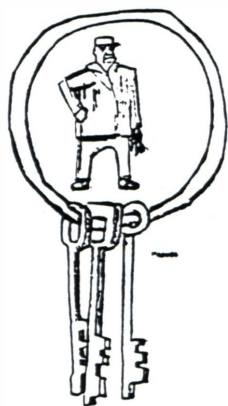


## NOMINATIONS 28 FS

Final nominations for Named Fellow of the Fortean Society for the year 28 FS must be received by January 26th.

To those already published in DOUBT, add Jim Peck, who was aboard the *Golden Rule* with the other four, but was not listed in the earlier reports of the case. Jim Peck has also written a book about his prison life as a Conscientious Objector, *We Who Would Not Kill*. It costs \$3.00. Order from War Resisters League, 5 Beekman Street, New York 5, N. Y.

Add, also, the personnel of the *Phoenix*, another peaceful ketch, sailed into the atomic jaws of Federal injustice by the Reynolds family and a Japanese crewman, Nick Mikami. Earle is the Reynolds paterfamilias, Barabara his wife, Jessica a daughter, Ted a son.



This makes a grand total of ten individuals, equally glorious, valiant and worthy the highest Fortean honor. Their numbers, however, make the award of "Named Fellow" somewhat incongruous, cumbersome, very difficult to manage.

Until 23 FS, only one Fellow was Named each year, then three finished in a dead heat — Dr. Robert Lindner, Albert Einstein and Justice William O. Douglas. We broke our rule and Named them all — but the complications convinced us that had been a mistake. It was no more than a sad coincidence that both Dr. Lindner and Einstein died within the year, but we resolved not to Name more than one Fellow of the year again.

Besides all the above, Jim Peck has been a member of the Fortean Society for many years, and only non-members are eligible to be Named Fellow.

Accordingly, if the personnel of the *Golden Rule* and the *Phoenix* do receive the highest acclaim from the membership, they will be informed, and the facts will be recorded, but the Named Fellow 28 FS will be the individual who receives the largest number of nominations and votes.

These, also, have been mentioned:

A. E. Matthews, the British actor, *ac* 88, who so objected to the design of a street lamp post being erected in front of his residence in Bushey Heath, Herts., that he put a chair over the hole dug to receive the monstrosity, and sat down in the chair — swaddled in rugs, blankets et al, overshoes and deerstalker — and defied the workmen to move him.

A special town meeting was called to get him out of it, and he gave in because, "I shall be going to Golders Green very shortly, to be cremated, so what's the use?"

Cyrus S. Eaton has been nominated for his complete independence of thought and outspoken condemnation of the FBI and other snoopers, for his Pugwash (Nova Scotia) conferences of scientists and his consistent practice of Fortean principles, the religion of self-respect. If you missed Eaton on TV, when he was interviewed for the Fund for the Republic by Mike Wallace, you may obtain a transcript of the interview by addressing the Fund at 60 East 42 Street, New York 17, N. Y.

While you're writing, if you are, ask also for the transcript of the Mortimer J. Adler interview in the same series. Adler has been nominated. If you don't know what these men stand for, this is an introduction.

Then there is Marius Larsen, a farmer near Copenhagen, who has been arrested 131 times (as of last January) for waiting in the waiting room to see Denmark's attorney general. "For 38 years Larsen has tried to see the attorney general about a complaint he has against the government."

Or you may like Bill Wheel. Bill is only 42 where as Larsen is 75. Bill has a wall around his place—or *bad* a wall, as of last May — 5 feet 11 inches high. This is in Shoreham, West Sussex, and the neighbors complained that Bill's wall obstructed their view of the waterfront. The County Council ordered Bill to cut off 3 feet from his wall. He not only refused, but lined up 5 armored cars and 3 tanks — bought from army surplus — to defend his property from attack by the Council's minions. We don't know how he made out. Will local members look into it and report, please?

A long overdue nomination is received for Raymond Duncan, the brother of Isadora. One despairs of conveying all that Duncan is and has been in his 83 years, poet, weaver, artist, inventor of a philosophy called "actionalism". He dresses in a Greek robe and sandals, wears a band around his head to keep his hair out of his eyes, conducts a school in Paris on the rue de Seine where he teaches drama, painting, sculpture, printing, weaving and engraving.

"Duncan is a vegetarian, a non-smoker and non-drinker" but — going through Hollywood last January — "most assuredly an atheist," he said.

On the other hand, we have Stanley Yankus, Jr. who is a devout member of an Amish community in Michigan. He is a poultry farmer who raises grain for his chickens to eat. The following quotes are from a piece by Jack Mabley "Special to the Buffalo Evening News and Chicago Daily News:

"The Amish have never been known to seek public assistance of any kind . . . do not want Social Security payments and will not pay Social Security

taxes . . . Mr. Yankus was told that he had to raise less wheat . . . He declined . . . He did not want Government payments, and he did not want Government supervision. Stanley Yankus is a law-breaker. Last spring FBI agents began questioning bankers and merchants with whom Mr. Yankus did business . . . The Government froze his bank account . . . He was helpless . . . We feel so strongly about the need for security that we now have no place in our society for a farmer whose religion says he and he only should take care of his aged . . . 'You're going to have security — or else' we tell these people who ask only to be allowed to take care of their own."

Albert Camus, the French writer who won the Nobel prize in 27 FS.

James Warren, attorney and general manager of the State Telephone Co., Coxsackie, N.Y. When State troopers served him with a notice that one of his subscribers was to have his telephone tapped by court order, Mr. Warren picked up the phone and informed the subscriber in the presence of the troopers. They pinched him for "an indictable misdemeanor" and he was arraigned before Judge Roy C. Moon, Greene County, Catskill. We haven't heard what happened.

While you are considering these noble folk on their relative merits, hark back to the year 25 FS, which is still *vacant*. In addition to the nominees listed in DOUBT #51, p. 385, we have three belated entries, belated only through the fault of YS. Both names should have been presented before this. They are —

Elsie Mumma, a farmer of Hummelstown, Pa., who allegedly planted 18 acres more wheat than the law allowed. Summoned into Federal court, she said, "I will protect my property with my Bible and my gun . . . I am an unmarried orphan . . . my ancestors pioneered this land, and as long as I . . . pay the taxes, pay my debts, and ask for no aid from the government . . . no one has a right to enter upon the land . . . and I will die to defend my right."

In the same year, we had Charles Hamilton — of Yorkshire — who would not tell a magistrate he was sorry for disobeying a court order. Hamilton spent more than 18 months in jail rather than say the word "sorry".

Another Charles that year was surnamed Hawkins, and he operated a grocery in Stockton, Calif. Dragged to court for selling cottage cheese below the price established by ukase, Brother Hawkins gave the judge the keys to the store, suggesting that he try to operate it at a profit under present "subversive" laws.

Both John Cowper Brann and H. M. Tomlinson have again been suggested as posthumous Fortean. No objections being heard, let us "write in" Honorary MFS on their tombstones.

We have no record of any correspondence or interest between the late Dr. Marie Stopes and Charles Fort or the Society, but the suggestion is that her lifetime battle for birth control against the entrenched bigotry of Orthodoxy makes her one of us.

## OUR LOSSES

That belligerent old Atheist, probably the dean of the movement in USA, William McCarthy, died this month, at 92. He had been a member of the Fortean Society for many years, but the promotion of freethought was his greatest interest and enthusiasm. He was a steady contributor of money to secular causes, and deplored the exploitation of disbelievers for private profit.

He was the principal founder and angel of *Progressive World*, which he had hoped to make the organ of a united front against organized supernatural religion.

*The Realist*, mentioned in DOUBT #58 is dedicated to William McCarthy and published by his friends. You will not only enjoy the paper, but you will be helping to carry on his work in the name of reason by subscribing. Send \$5.00 for 20 issues to them at 225 Lafayette Street, New York 12, N.Y.

The Society also loses one of its favorite scientific clowns in Sir Hubert Wilkins. He hasn't been sounding off so loudly the past few years, but in the early days of the Society his frantic scramble for publicity was good for many a laugh. We'll miss him.

Piccard must have fallen into senility too. And the last time Harlow Shapley was noticed by the press was when he attended the birthday party of the *National Guardian*.

Just at press time — too late to do him justice in this issue — comes the news from his widow that S. Greiner died some weeks ago. He will be remembered by most of the membership for his several books — *Prelude to Sanity* and others. Our tribute will appear in the next DOUBT.

## WHERE'S WHIPPLE???

The great War of the Computers is now a full year old, and the name of Fred Whipple at Cambridge, Mass., is heard no more in the freepress. Time was when he was head of intelligence and all the little children who heard beeps in the night and saw twinkles in the sky were suffered to come unto him to find out what they had seen or heard. Come to think of it, we don't read any more about those Moonwatch teams of adolescents who fed the IBM machines such pabulum that Whipple never could come up with the correct answer.

Was he bounced — or did he quit? Perhaps he has reformed — although that seems unlikely — but if he has, DOUBT would welcome a full confession.

Yes, the IGY picture has changed a lot since our big Sput issue, and yet remains the same. Summations of what Science has learned since the Computer War began assay at zero, except for the one big lesson that, yes, they *can* get away with it. Their security is airtight. Homer Sap cannot get at the facts from any angle, and he has no recourse but to pry and pay and keep on paying, whilst the various branches of the military and the mushroom civilian bureaux shoot crap with his billions.



YS can't get very sore about it because he sincerely feels that this is a better way to waste money than in periodic wars. In fact, the old Fortean Perpetual Peace Plan, spelled out in several old DOUBTs, could have served them for a blueprint, and there's more where that came from.

Before we skim the cream off the latest data in the field, here is a collection of notes on other uses that have been suggested for computers besides tracking artificial satellites and rockets nowhere near the moon.

As a mechanical "memory", work was done by Dr. H. V. Wilkes, Cambridge U (Eng.). Photo of him and his machine in Liverpool *Echo*, 10-3-47. Cr Russell.

Longer "memory" than ENIAC (electronic numerical integrator and computer), which was an American device, was claimed in Dundee, Scotland, by J. H. Wilkinson for ACE (automatic computing engine). *NY Her-Trib*, 9-2-47. Cr Bonavia.

This senseless rivalry between nationals was revived again when the British "Mercury" was announced in the *Herald* and the *Telegraph* of 8-12-57. "50 times faster than any electronic computer in Western Europe" . . . "British Robot Brain Equal U.S. Giant" . . . "it costs about one million pounds, little more than the hiring of a big American computer would cost for a year." That will give you some idea of what IBM and the others are collecting in rentals to the Pentagon.

Mercury had sold itself to Norway, France and Switzerland. The maker was Ferranti of Manchester. The uses were — at Harwell, "to speed up calculations on nuclear power station design", elsewhere, "problems of guided missile control and aircraft design".

As "an international measuring stick". Work done by Kenneth B. Adams of Westinghouse and Dr. Kevin Buras, Allegheny Observatory. *Pittsburgh Press*, 9-6-50.

Pertinent, although not strictly in context here, is the work of Hans Freudenthal, Utrecht U. Amsterdam, who wrote a 300 page book on the subject of *Lincos*, a "cosmic language" of only 150 words, for interplanetary communication. *El Dorado* (Kans) *Times*, 10-24-57.

Another delver into linguistics *cum* Computers was Peter Toma, California Institute of Technology. He loaded a machine with Russ, French, German and Spanish, and by punching buttons got back English. (?Chicago?) *Tribune*, 9-16-57.

Names associated with the same study at Massachusetts Inst Tech are John E. Burchard, dean. Profs Morris Halle and Victor H. Yngve. *St. Paul Dispatch*, 7-25-57, cr Mealy.

In March of 27 FS, 45 of the world's top physicists, mathematicians and astronomers got together at Chapel Hill, N.C. In a word, they were trying to reconcile Einstein and Planck. Among those present were Drs. Peter Bergman (Syracuse U) and Valentine Bargmann, Princeton. These names, like all those above, including Fred Whipple, are entered in the record because any one of them might be a potential defector, apostate, and turn "States evidence" some day.

As Science Service reported, "So far there are only three known proofs for Einstein's general relativity . . . changes in the orbit of the planet Mercury . . . bending of light from far-away stars by the sun's gravitational field . . . displacement, of reddening, of spectral lines from certain very massive stars . . . Some day scientists may be aided in bridging this gap by using giant computers. That will not be possible, however, until they have figured out the necessary equations."

As one scientist attending the International Conference on the Role of Gravitation in Physics at the University of North Carolina here said: "If it were tried now, either the mathematician preparing the instructions for the computer would blow out his brains, or the machine itself would blow up." *Baltimore Evening Sun*, 3-29-57, cr Gustine.

Massachusetts, as a State, bought or hired a Computer as a "tax detective" acco Tax Commissioner John Dane. At the time of writing, it had "placed the finger of suspicion on 1,502 persons . . . as 'potential delinquents'." The last line of the story, obviously an afterthought, is, "The machine also figures out overpayments." *NY Times*, 3-12-57, cr Steinberg.

A long two months later, one Gladwin Hill, writing in the *Times*, asserted that "The Atomic Energy Commission's sixth series of atomic blasts in Nevada was awaiting a go-ahead signal tonight from an 'electric brain.'" The headline read: 'Brain' to Decide Time of Atom Tests/ A.E.C. Awaits Signal From Wind-and Cloud Computer for First Shot in Series." Farther along in the story we read: "The computations done by hand take more than half an hour. They are still done by hand, as a check on the machine. But the speed of the computer gives the possibility, formerly missed, of taking advantage of transitory weather conditions." *Ibid*, *do*, 5-19-57.

"The strategy men of the armed forces are fighting the next war right now, using electronic brains instead of airships, warships and men." The only name here is Dr. Joachim Weyl, director of the navy's mathematical science division. "World War I was the chemist's (sic) war," Weyl said recently. "That was when poison gas got its first battlefield tryout. World War II was the physicists' war. World War III will be the mathematicians' war." *Minneapolis Tribune*, 8-11-57, cr Mealy, who adds, a bit plaintively, "Why can't they discard these national-suicide plans and set these 'smart brains' to work on plans to provide abundance for all? MUST it be wars to the end?"

An IBM machine was set for tryout at Hackensack, N.J., to select jury panels. "It is said to be capable of selecting eight jury panels of 275 names each in twenty minutes, a process that formerly took two days." Superior Court Judge J. Wallace Leyden looked into the legality of the plan. His finding is not reported, but if it was not favorable to IBM, the machine has put the judge into orbit by this time. *N.Y. Times*, 8-20-57, cr Steinberg.

"A (British) Meteorological Office official said yesterday: 'Experiments have already shown that the machine can predict tomorrow's weather chart

with the same degree of accuracy as the conventional methods." *News Chronicle*, 8-2-57, *cr* Simpson. Magnificent precision, that.

"Gatac" — made in Hayes, Middlesex — "can be used to provide complete electronic simulation of every feature governing the controllability of the weapon in flight. It produces data on performances (sic) which would otherwise require many hundreds of costly actual firings." *Daily Telegraph*, 8-31-57, *do*

"Lucifer" at Leeds U has the duty of solving "partial differential equations for the Engineering Department, the expansion of bubbles in liquids for the Physics Department, or research in X-ray crystallography for the Chemistry Department." The headman — Dr. A. S. Douglas "should say it would play a faultless game of noughts and crosses (tic-tac-toe), a tolerable game of draughts (checkers) and quite a decent game of chess." *Yorkshire Post*, 9-3-57, *do*.

Gen. Earle E. Partridge, had learned by hearsay that "we can build radar which would detect these vehicles coming (from Russia) — that it's possible to hitch that radar to other radars farther back with good communications and computers (sic) and send off an antimissile missile which will intercept the enemy missile." *San Francisco Examiner*, 9-3-57.

Wilfred Taylor, London U, speaking in Dublin, said, "The present brain has a voice. It has been taught to say, 'British Association' in gruff accents that seem to come from outer space." *Daily Herald*, 9-6-57, *cr* Simpson.

See further along in this article to where the voice of the President of the United States has now been made to seem to come from outer space — and thank you, Wilfred Taylor, for the suggestion.

In London they have "Ernie" which is used to select "winning numbers for premium bonds". Otago (N.Z.) *Daily Times*, 12-14-57, *cr* Powell.

"An electronic machine has been devised that enables doctors to know when a patient needs a blood transfusion during surgery." *Kansas City Times*, 3-10-58, *cr* Noname.

Without ever leaving the ground, the Andrews Air Force Base, Md., announced that "the 'altitude' attained was 30,000 feet higher than any previously announced air-breathing engines . . . the test cell . . . accurately simulates conditions expected in flight." *N.Y. News*, 3-16-58.

The "accuracy" of "expectations" was once "simulated" by Charles Dickens in a novel.

To forecast weather "months and even years in advance", by Dr. Irving P. Krick, Denver, Colo. Hayward (Calif) *Daily Review*, 3-20-58, *cr* Moray.

The "Perceptron", demonstrated by the US Navy, "claimed to be the first non-biological system of receiving, recognizing and identifying its surroundings without any human training or control." *Newcastle Journal*, 7-8-58, *cr* Simpson.

"A radar sweep of Loch Ness is the latest idea to solve the mystery of the monster." *Sunday Express*, 6-1-58, *cr* Essenhugh.

So much for secondary, tertiary and other fanciful applications of computers and gibbering cybernetics. Now to the mainstream.

This scanning of the data begins in August, 27 FS, when Maj. Simons went up in a balloon over Minnesota. The comparative value of human observations versus any circuit of vacuum tubes or transistors or other scientific sensing and computing equipment, was still being debated. Robert K. Plumb wrote about it in the *N.Y. Times*, 8-25-57.

At the same time, lighter-than-air craft had sneaked back into the US Navy, after being proved catastrophically worse than useless years ago, by such disasters as the *Hindenburg* and the *Akron*, to name only two. Apparently the rubber and helium people weren't getting their share of the gravy out of Computer warfare. See "Watchdogs of the Sky", *N.Y. World-Telegram*, 10-9-57.

"The noise was like the pips at the end of a trunk call on the telephone," picked up by amateur radio folk in Yorkshire, and claimed to be "the signals given out by" Sput I. The oddity is that the noise lasted 30 minutes out of 90, fading in for 15 minutes to a peak and fading out for 15 more. *Yorkshire Post*, 10-7-57, *cr* Simpson.

The Russian "observation stations were having trouble tracking the American Explorer satellite" — in fact, they couldn't find it. *N.Y. Times*, 3-3-58, *cr* Mitchell.

Jones of Cleveland came up with "a formula for predicting the orbit of . . . Explorer . . . I believe this is the first time there has been a completed mathematical solution to the orbit." Jones checked with the "Vanguard project control center" and was told "government scientists are not near a solution of the orbit." *Dallas Times-Herald*, 3-3-58, *cr* Bennett.

The president of Cal Tech, Dr. Lee A. Du Bridge, speaking in Los Angeles, said, "I frankly disbelieve the conquest of space has any military significance." He snorted at hovering space satellites as bomb-launching platforms, but "allowed" that folks "have to pretend space projects have military value" because that is the only way to get the billions that science wants for research. He said he believed that we'd still be "venturing" into space for the next several hundred years. *LA Daily Mirror*, 3-7-58, *cr* Moray.

The "success" of Vanguard was attributed to "Divine Guidance" obtained through a St. Christopher medal "wired with great precision" to the second stage. *N.Y. Times*, 3-18-58, *cr* Steinberg, Mitchell.

Now that metal confetti that people have been finding for so long is identified as something the Army dumps into the air 50 miles up to study wind velocity and direction by radar. *Daily Oklahoman*, 3-17-58.

The same alibi is used to explain an Army contract with Schellenger Laboratory, El Paso, Texas, where rockets are sent up to emit smoke. Hayward (Calif) *Daily Review*, 3-20-58, *co* Moray.

Medical College of Virginia, Richmond, has a machine that "can help predict" when a child will go into convulsions. *N.Y. Times*, 3-23-58, *cr* Steinberg.

AP, speaking out of Washington, for nobody in particular, admits that "the US does not know with precision the location of Moscow", that the

Russian guess the distance around the Equator to be 24,901.83 miles, whilst the USA makes it 24,901.93 miles, and that "nobody knows exactly how far it is from New York to Paris." N.Y. *Times*, 4-27-58, cr Steinberg.

Maybe Whipple lost his argument with his Harvard colleague Dr. Thomas Gold. Gold thinks the moon is covered with dust "the top few feet . . . extremely loose and more treacherous than quicksand," but Whipple saith, "corpuscular radiation and the slow rain of heavier molecules, atoms and ions . . . almost certainly had cemented any dust into a heterogeneous cement." Twin Falls (Ida) *Times-News*, 4-30-58, cr Arnold.

The old Orson Welles trick that scared Jersey and started this chain reaction was repeated in Lisbon, Portugal, 5-25-58. The radio show was H. G. Wells' *War of the Worlds*, and the police "suspended" the program. *Daily Telegraph*, 6-26-58, cr Essenhigh.

A brave lad, Walter Wingo, writing for the Scripps-Howard Newspapers, in Washington, laid it on the line, June 30. We hope he hasn't been fired for it. Here are highlights: "The Air Force spent thousands of dollars late last week at the McGuire Air Force Base, N.J., to put on what turned out to be a lavish two-day salute to several electronics companies. Guests were flown in from all over the country . . . air-conditioned Cadillacs, wined at three bars, dined . . . served cigars by pretty girls. All courtesy of the taxpayers . . . Invitations to 200 newsmen said . . . to be press tour of new air defense installations . . . tour itself was a skimpy 20-minute guided walk through a new radar computer blockhouse — with no questions permitted 'to save time' . . . time for a cocktail party at which Gen. Curtis E. LeMay . . . and Gen. Earle E. Partridge . . . were the four-star attractions. After a shrimp, wine and roast beef feast, 10 electronics executives made speeches about the parts their companies played in building McGuire's radar computer. They neglected to mention that the government paid something like \$55 million for the job."

The Public Relations arm never sleeps, yet makes strange, strange bedfellows. Old Alf. Landon — remember him? — speaking at commencement exercises in Topeka, Kansas, told the kids, "you will be present, either in person or by news and pictures, at the return of the first voyagers to the moon." *Kansas City Times*, 5-20-58, cr Noname.

And — while the military budget was before Congress — Dorothy Kilgallen, in her column called "Voice of Broadway", was innocent enough to print, "Quite possibly no one in official government circles will admit it, but Red submarines have been sighted off the Florida coast near Cape Canaveral." N.Y. *Jour-Amer*, 12-2-58.

To complete the trilogy, in the *Atlantian*, a prison periodical written and edited by the inmates of the Federal Pen, "Fall-1958", vol. 17, No. 3, appears "An Atlantian Science Feature" unsigned. Because it is unsigned, and because none of the Computer Generals has been convicted yet, YS assumes that this feature was not contributed by an inmate but by Authority. The article is titled, "Why Don't the Satellites Fall Down?" — and the answer is strictly according to Party lines.

Jerry Bishop, writing in the *Wall Street Journal*, 7-11-58, fills three columns on the subject of the boom in the mouse breeding industry. Only one was used in the Vanguard to nowhere, but Carworth Farms, N.Y.C., breeds 1.5 million mice per year for research purposes, and is building larger facilities. Cr Noname.

Sput III was "expected" to move northeast over Riverside, Calif., about 9:47 p.m., 7-16-58.

At "about" 9:48, something went southwest "traveling at a slow rate of speed".

The next night at 8:20 something passed going northwest, and again at 9:54.

"I'm beginning to think it's all a hoax," said one resident unnamed. *Riverside Enterprise*, 7-17 and 18-58, cr M. Smith.

*Ibid*, do, 7-20-58: A blue-green flash, from the west toward Corona, Calif., "about 11 p.m."

William L. Laurence, in the N.Y. *Times*, summed up the records of seven so-called satellites, with diagrams — Sputs I, II, III, Explorers I, III, IV, and Vanguard.

In the 10-31-58 issue of *US News and World Report*, another attempt is made to sum up what Science has learned from all the billions spent.

All these attempts at appraisal may be summed up by the health problem, what to do with the excrement of space travelers. If ejected from the vehicle, the theory runs, it would surround the machine in a cloud of vaporized feces. That is precisely what surrounds the "results" to date, and nobody knows how to get clear of it.



At press time, we hear by radio that the USA has done it again. Something weighing more than four tons is alleged to be in orbit, and in it is a tape recording of a speech by the President. By allegation that speech was broadcast from outer space and re-recorded on Earth. In its news broadcast at 6:00 p.m., 12-19-58, the N.Y. *Times* played that tape. It sounded like a very weak infant strangling to death. No word was identifiable as such, but the announcer then read the speech from a script. It was Ike's Christmas message to the world.

The alleged facsimile was such a frost that it was dropped from all subsequent *Times* newscasts. Instead, the announcer simply asserted that the feat had been accomplished, and then read the speech from the script.

Happy New Year! — and remember the motto of Cape Canaveral: "Just get the damn thing out of sight."



## 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 facsimilie—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.

1870

### Box 4 (Continued)

- Jan 1 London Times of, p. 10, of Jan. 5, p. 7, of Jan 11, p. 10 of Jan 22, p. 5, quake Santa Maura  
Mauna Loa See June, 32

### Box A (Resumed)

H. H. Patchogue See 1867  
Note 1 Body in Philadelphia burial ground See Oct 27, 1872  
The body at Blandford Churchyard, Petersburg, Va. See Oct 27, 1888  
Body of Mrs. W. I. Peters Frankfurt, Ind. See Dec 22, 1888  
South Bend, Ind. Body of Anna Rees See Aug 11, 1872  
A. W. Underwood Negro boy Pau Pau fire breath See May 1, 1880  
Dymoch Hall, Derbyshire Strange murders / not said this year See March 15, 1901  
Sounds and ghosts in a house in Deerfield, Portage, Co., Ohio See Dec. 13, 1873

H. H. Gardner, Kansas See March 7, 1874

Mollie Fancher Cor Gates Ave and Downing Street, Brooklyn

1st part / Lightning — notes / Mass. Jour. Chem. 5/15

- Jan A light that had been seen upon the Boston and Lowell railroad, as if some one were swinging a lantern. Some laborers upon a handcar had seen it and threw their car from track thinking an unexpected train was coming. N. Y. Times Jan. 30

- Jan-Feb Disap "City of Boston" ship / An Reg 1870/22

### Box 4 (Resumed)

- Jan 3 LT p. 9, Hailstorms Rome  
3 Aurora and other phe / Piedmont C. R. Feb 21, 1870 Chem News 21-119  
3 Auroral display England LT Feb 5, p. 5  
3 6:20 p.m. / by Edgar at Bedford / Glow in northern sky and showers started up "a very bright and persistent ray extended as far as B. Draconis Astro Reg 8-61 / at 6:31 another traced to (?) Ursa Minoris  
3 Halifax, England / by Gledhill / Beam 7:10 through (?) Gemini (indecipherable) Persii / to N of Androm through a Pegasi / down to W. horizon ab 5 degrees wide / at 7:20 beam had fallen toward s. horizon and lay through Pleiades, Aries, Andromeda to the W. / Astro. Reg. 8-40 (N.B. This note is garbled, but well worth a look at the original source. T.T.)

### Box A (Resumed)

- Jan 7 10 a.m. Abandoned ship See Jan 22 / See Feb 7  
Great year for missing and abandoned vessels / got nothing from look-ups however.  
(N.B. At this point a number of variously dated notes were grouped by Fort, all on missing or abandoned vessels, centering on Jan 22, for reasons known only to him. T.T.)  
Missing vessels See Jan 22. LT June 6, p. 10, June 8, p. 9, June 6, p. 10 (another) June 6, p. 10 (another) June 24, p. 12  
Feb 7 LT, p. 5. Abandoned vessels  
23 LT, p. 11 Sun  
26 LT, p. 8. Missing vessels

- March March 1, p. 5. Mar 2, p. 5. March 5, p. 12. Mar 7, p. 12. Mar 8, p. 12. Mar 11, p. 10. Mar 12, p. 10. Mar 14, p. 8. Mar 14, p. 11. Mar. 15, p. 10. Mar 16, p. 12. Mar 17, p. 5. Mar 17, p. 9. Mar 18, p. 12. Mar 22, p. 9. Mar 23, p. 12. Mar 31, p. 7. Mar 22, p. 9.  
Missing vessels. LT. Mar 18, p. 12. Mar 19, p. 8. Mar 21, p. 9. Mar 23, p. 12.  
Missing vessels LT Feb 3, p. 12. Feb 1, p. 5. Feb 3, p. 12. Feb 4, p. 10. Feb 4, p. 10. Feb 23, p. 5. Feb 12, p. 5.  
Missing ships. See Jan 22. LT May 3, p. 11. May 9, p. 12. May 14, p. 12.  
News of City of Boston LT Nov 3, p. 7. Ship News See 1871 Index  
Missing vessels LT, Jan 3, p. 4. Jan 19, p. 10. Jan 20, p. 7. Jan 12, p. 10. Jan 24, p. 6. Jan 29, p. 11. Jan 27, p. 4. (2) Jan 23, p. 5. Jan 6, p. 7.
- Jan 22 LT p. 9. Strange case abandoned vessel / See June 6, See May 3, Jan 7. See March 1. Missing ship City of Boston. Feb 16, p. 11. Feb 26, p. 8. Mar 3, p. 9. Mar 4, p. 9. Mar 19, p. 8. Mar 24, p. 9. Apr 1, p. 8. Apr 4, p. 12. Apr 5, p. 11. Apr 14, p. 9. Apr 28, p. 11. Apr 26, p. 12.

#### Box 4 (Resumed)

- Jan 13 LT p. 4. Jan 31, p. 10. State of the sun.  
14 Night. Shocks France. Sci. Op. 3-82.  
15 LT p. 11. Venus visible daytime.

#### Box A (Resumed)

- Jan 15 Finsbury / Mdr attrib to devil / An Reg 1870/8

#### Box 4 (Resumed)

- Jan 17 July 16 / Sun and moon above horizon in eclipse?  
19 Sci Op of Vesuvius active partly.

#### Box A (Resumed)

- 20 LT p. 7. A myst. hair-cutter in London.

#### Box 4 (Resumed)

- BO / Field, Jan 22, 1870 Two cors reported capture of humming-bird hang moths in January / Feb 26 — butterfly caught at Oxford on Feb 17 / March 12 this cors with one from Eitharn and one from New Wandsworth, telling of very large numbers of lady birds, "similar in size and color" to those of preceding summer. Editor says that mild weather had brought them out of hibernation and that not extraordinary.
- 23 Met iron (F) Vizagapatam District Madras, India. Meteorite. R. Ap. 18, '38.
- 30 Feb 1 / Munster and Westphalia Aurora C.R. 70/24

- 31 bet 2 and 4 p.m. / Ariovitz, Russia / powdery black substance with snow in a gale. Chan News 21-191. Said by M. Fellz who collected some that it was arable soil carried from a great distance by the wind. But it fell like one discharge upon a surface of Bosnia 4 sq. miles. Estimated weight 650 tons.
- 30 Ice in Sicily. Coldest in 20 years. Also ice in Malta. Standard, Feb. 17, p. 5.
- 31 Queensland. A cyclone and floods — a river rose five feet in one hour at Claremont — appalling — houses swept away — bridges swept away. Sydney Morning Herald Feb 14, 1870.

- Feb 1 Aurora broad band of light. England. appeared in motion from E N E to W S W. LT Feb 3, p. 5
- 1 8 p.m. / luminous clouds London / bright aurora south of Ireland and travelled W. Newspaper — 6th.

- Feb-Mar Another. Second outbreak of another group of (indcipherable) in Plato. by W. R. Birt. E. Mec of 12/37

- Feb 2 Ac to Standard of Feb 3 / Met train Woolich / related to M. in Pegasus / Astro Reg 8-62

- 3 LT p. 5. Feb 4, p. 4. Feb 5, p. 5. Feb 14, p. 5. Aurora 8 (It?) Ancona probable det met See 1865.

- Feb 8 Quake — snow. 5:20 p.m. Ancona (?) Peru shock; preceded by the almost unknown sight of a fall of snow. It fell all day, until 4 p.m. C.R. 70-502.

- 8 5 a.m. / Cairo, Ill. Heavy shock and earthquake N Y Tribune Feb 9, p. 1.

- 10 Substance akin to starch with dew fall / Genoa / Chem News 21/251 See Feb 14.

- 11 8:30 p.m. Auroral arch Cambridge, England. LT Feb. 14, p. 5.

- 11 N. eye sun spots C.R. 70-340.

#### Box A (Resumed)

- Feb 11 Village of Charleston, Rhode Island. This girl, aged 23, thought to have died — but physicians and members of family not convinced and thought she was lying in a trance. People around excited. Said that 2500 had visited the house, to look at the body of the entranced girl. Religio-Phil Jour Ap. 9, copying from N Y Tribune, Feb 21.

- Feb-Mar Fires in churches and schools

#### Box 4 (Resumed)

- Feb 12 (N) like wood ashes in Vermont / Proc. Ac. Nat. Sci. Phil. 1876/10 or 1870?

- 13 Very large sunspot Ast. Reg. 8-93.

- 13 Sand and animal matter / Adriatic / Les Mondes 22/516.

- 13-14 Genoa / Night / rain of red, earthy substance containing considerable animal matter. *Cosmos* 3/6/318
- 13-14 Dust fall Italy / *Sci Met* 5/186
- 14 Yellow rain blue spherated / Genoa, Italy D-29
- 13-14 Rain and snow mixed with diverse substances fell in Liguria and Piedmont and other parts of Italy. *C.R.* 70/1326
- 13-14 At Mondovi when the yellow snow fell Dinzi saw lightning and heard thunder. *An. Soc. Met de France* 1903 77
- 12-14 And no q in Italy. Was one on 8th — Peru?
- 12-13 Comet Met. Q. Sand / Italy / D-231 *C.R.* 70-13.
- 15 Great spot told of in Times and dated 10th was on 15th — however other spots on 10th. *LT March* 28, p. 5.
- 15 Great sun spot described in London Times of 21st as 10th of Feb was 15th. However were great ones on 10th. *LT March* 28, p. 5.
- 16 Morning. N E sun spot Glasgow *Nature* 1-401.
- Feb 17 Ab. noon. Severe shock San Francisco but no damage. *LT March* 4, p. 4.
- 21 6 a.m. Tide in Thames to unusual height overflowing banks. *Lloyd's Weekly Newspaper* Feb 27.
- 22 Eruption Ceboruco, Mexico, Y B '71-224
- 23 LT, p. 11. Solar surface.
- 23 Venus Inf Conjunction Sun (A 1) See far back in notes to paper / Obj — like March 22? Also time Conj. of Venus.
- Feb 18 East End (London) News of. Report upon inquests upon 4 persons dead of exposure to the excessive cold. Said that at Ramsgate, outdoor work had been abandoned the cold was so intense. BO / end of fire flies that seen in 1870. Presumably not descended from the 'Surin flies(?)'. So rare that Mr. Webb knew of no other occurrence except in the summer of 1822. Looks as if persisting current and stragglers the next year. BO / 1869 / In 1870, flies like the Italian fire flies appeared again this time at Hardwick, ac to the astronomer T W Webb.
- 1870 BO / Summer Webb's fireflies I think in *Nature* 2-98
- Feb 19 BO / Galignani's Messenger of. In Germany all outdoor labors entirely suspended. 20th — very rigorous winter in Roumelia — peasants frozen to death in Spain.
- Mar 3 1870, *Nature* of. 1869 / noted that at New Wadsworth large numbers of lady birds had appeared. "So early an appearance will surprise most of us, who have been wont to regard these visitors as summer guests." In own notes, nothing like this any other time. Seems unaccountable numbers of terrestrial lady birds.
- Mar 6 At Malta sea suddenly rose 2 or 3 feet, subsided and rose again. West End (London) News March 26.

## Box A (Resumed)

- 23 Standard of, p. 7. A polar bear that was shot in the Mediterranean between Sardinia and Sicily. Circumstantial story — small boat put out to capture the bear — bear attacked — tried to board the boat — hunter cut its front paws off and then shot it.

## Box 4 (Resumed)

- 24 Cornwall / Met same as Feb 24, 1871 / *Eng. Mec.* 12/540-570.
- 26 Paris / 9:43 p.m. / Met explosion and train, Paris horizon. Was seen at Macon 9:33 local time—9:43 Paris. *Les Mondes* 22/431 p. 568
- 28 6:22 p.m. began series of Fiume q's lasting throughout year. *Nature* — 268.
- 28 12:20 p.m. Trieste somewhat violent shock. Following day 8:56 p.m. again. *Nature* 1-539
- Feb BO / Final days not so cold, but no genial invitation to hibernating insects. All reports upon weather for Feb in March number of Symons Nat Mag were upon unusual coldness in England. Also March, except first few days, was cold.

## Box A (Resumed)

- Mar About. Began fast of a girl at Walton, Eng. See Sept 15, 1871.
- Mar 12 LT, p. 5. Polt. Home of James and Frely Wright. Brother and sister at Poplar Grove, ab 4 miles from Jamestown, Va. Polt. phe. Their little neice aged 8 or 10 said to be the medium.

## Box 4 (Resumed)

- Mar 18 Most brilliant aurora recorded up to 1902, at Dunedin, N. Zealand. Other auroras on nights of 12, and 22nd, and N. S. Wales 22nd. N. Z. Institute 1902 405.
- 22 Brilliant aurora in N. Zealand, Tasmania, N.S. Wales, not mentioned in Melbourne newspapers. *Otago Witness* (Dunedin, N.Z.) Apr. 9.
- 22 D 267
- 25 Again conspicuous spots on sun LT Mar 28, p. 5.
- 25 Conspicuous sunspot LT March 28, p. 5. See 31, p. 10. error made in estimate of size.



- 25-28-30 Sunspot N. eye by Knobel and others. Ast. Reg. 8-108.
- 26 Sunspots sketched by Mr. B. Knobel from 10:40 to 11 a.m. clouds — at 11:15 a bright patch seemed to have broken out in the group. E. Mec. 11/84.
- 28 LT p. 5. Sun spots.
- 31 Deming at sunset when through mist saw N. eye. spot. Ast. Reg. 8-108.
- 31 Comrie / Wm Roper List of Earthquakes See Ap. 3, '86

#### Box A (Resumed)

- Apr 1 LT p. 12. Apr 2, p. 5. Ext affair near Ryton

#### Box 4 (Resumed)

- Apr 3-4 Cor Astro Reg 8-109 writes that looking up at sun watched a large black spot on disc of setting sun. Also on 4th.
- 5 Aurora / Little Bear 7:45 p.m. C R
- 5 9:10 Time of aurora at Anvers (Manche) great met from Great Bear. C R 70-820.
- 5 May 20, Nov 16, Nov 22 / Germany Zeit Met / Index Nord
- April Shower pollen Yokohama, Japan Sci Jour 1871-189.
- Apr 4 9:50 p.m. / Shock at Bogota a night before/for 2 hours after sunset a column of light in the West. A J Sci 2/50/409
- 5 Aurora Paris, Manche, Vendome, Indre et Loire, Moselle, Saint Lo / CR 70/822-862-1008.
- 5 At time of brilliant auroral displays N. & S. earthquake shock in volcanic region of N. Zealand and soon afterward began eruptions of Torquariro.
- 5 Aurora La Sci Pour Tous 15-175.
- 6 Sun spot. Two cors under this date call attention to great spots on sun LT 8th, p. 11. On 8th another writes (11th, p. 11.) In Times (15, p. 4) cor writes of enormous N.E. blotch he saw at sunset.
- 8 LT p. 11, Apr 11, p. 11, Apr 15, p. 4. Apr. 19, p. 8. N.E. Sun spots.
- 8 Another enormous irregular spot traversing sun noted pass off disk ab 14th. Also other groups. LT 11, p. 11.
- 11 Avignon, France. At sunset large blotch N. eye on sun LT 15, p. 4.
- 11 Incip Volc / LT July 6, p. 9, 1871. Quake China, ac to translation of Chinese Governors report. Quake at Bathang, 260 miles West of Li-tang, 2000 persons killed — Flames burst out of ground in 4 places. Heavens dark with the smoke. Also black, fetid water spurted out.
- 11 Whirl / Gulf of Siam.
- 13 Singular catastrophe at New Brunswick.

- 14 Mr. Gledhill records Nos. 1, 3, 4, 17, 9, 11 and 30th as bright, round disks. B. Assoc. '71/81 Plato

#### Box A (Resumed)

- 15 Polt. Medium and Daybreak of polt in a house ab. 2 miles from E. St. Louis, Missouri. Coats and things drop from pegs and they return. A child in house said ghost of a little girl aged about 12 years was visible to her. Investigated by reporters from St. Louis Republican who said that every movable thing in house had been affected.
- 16 p. 1. Religio-Phil Jour. Caroline Godsey, at her home, eleven miles from Union City, Tenn., still living and sleeping as usual arouses and remains awake 9 minutes, 11 times in 24 hours. This keeping of time looks to me like instances of hypnotic direction.
- 19 LT, p. 7. Supposed castaways on Auckland Islands

#### Box 4 (Resumed)

- May 6 Strange shaped sunspots E Mec 13-413.
- May 9 Remarkable instance of sunspots revolving around another. Nature 2-356.
- Apr 19 11:20 p.m. Paris horizon illuminated by meteors from Hercules C.R. 70-950.
- 20 Jones Co., Ga., Tornado / Finley's Rept
- 21 LT, p. 9 Aurora
- 22 Violent shock, Dacca, India. LT 25th, p. 5.
- 23 Chile. Light quake BA'11
- May 2 Solar halo, England. Ref Ap 10, 1872

#### Box A (Resumed)

- May 2 In Louisville, Ky., man kills a woman—said spirit of his dead brother had persuaded him to do this. Rel. Ph.-J Aug 27, n. 3

#### Box 4 (Resumed)

- May 10 In Plato an increasing then decreasing light that in Mr. Birrs opinion was independent of sunlight. E. Mec. 14/195 (This note used by DeWitt C. Miller, through corresp. q.v. T.T.)
- 10 LT p. 12 Aurora
- 11 11:30 shocks Caxaca, Mexico great damage LT July 21, p. 12.
- 11 Heavy shock earthquake City of Mexico N. Y. Herald 19, p. 7.
- 11 and to 20th Quake Mexico. Heat of the soil caused red bean eruption from it. C.R. 71-329.
- 11-12-16 Great quakes Mexico BA '11.
- 13 Guam Light quake BA '11

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