

ROUND

ROBIN



A Factual and Non-Sectarian

Publication

issued in the interests of

BORDERLAND SCIENCES RESEARCH ASSOCIATES (BSRA)

Published by **MEADE LAYNE, M. A., Director**
3524 Adams Avenue, San Diego 16, California

Vol. XII

January - February 1957

No. 5

Volume XII - No. 5

A Publication of the Borderland Sciences
Research Associates -

CONTENTS:

PAGES:

OFFENDERS AGAINST PEACE - from "Le Courriere Interplanetaire"-	1 - 4
EXTRAORDINARY MAP DIVINING - - by Assoc. Gaston Burrige -	5 - 8
THE DROSNES-LAZENBY CANCER TREATMENT - - and - Psychotherapy -	9 - 10
<u>ANTI-GRAVITY and SPACE-SHIP PROPULSION</u> - - by Physicist C.F. Krafft - - and - - A Letter of Importance -	11 - 13 - 13
THE INDISPENSABLE COMPLEMENT -	- 14
"PRANA" and SUB-ATOMIC ENERGY CONVERTERS - - by Assoc. "Lindy Millard" -	15 - 18
DANIEL FRY DISCUSSES SPACE-CRAFT -	18 - 19
<u>SUPERMATTER</u> - by C.F. Krafft -	20 - 21
LETTER from W. Gordon Allen - and - MISCELLANEA -	- 22
INSERT page: Letter from ARTHUR CONSTANCE to BSR ASSOCIATES -	

Meade Layne, M.A., Editor and BSR Director - with
assistance of BSR Associates. Published bi-monthly at
BSR Hdqrs. - 3524 Adams Ave., San Diego 16, California.
Subscription included with BSR membership: per year, \$5.00
-Singles, .50. BSRA is a non-profit and non-sectarian or-
ganization, and serves no special interests.

OFFENDERS AGAINST PEACE

- from Le Courrier
Interplanétaire -

Experiments detrimental to the whole human race are going on, in spite of the protests of the universal conscience. We have no need to wait for a third world war, a thermo-nuclear one; for war against life, against the whole life of our planet had already been declared by men in 1945. It has not ceased, ever since then, to spread its ravages.

Let us consider the matter again, after all that has already been written on the subject:

Professor Sturtevant, of the Inst. of Technology of California, has established the fact that about one million eight hundred thousand children out of the nine hundred and ten millions of our planet are already showing signs of changes which could be attributed to nuclear explosions. These 'variations' could be translated in the course of several generations into deformities (children with six fingers, club feet, etc.), organic lesions (diabetes) or abnormalities.

The radio has produced evidence of radioactive rains by means of which a considerable quantity of radioactive vegetables have become unfit for consumption.

Prof. Lassagne, honorary director of the Radium Institute in Paris, wrote in 'Le Monde', of Sept. 7, 1955, as follows: 'Carried away into the atmosphere, this radioactive dust which represents a radioactive-equivalent of hundreds of thousands of tons of radium, could fall, according to the prevailing atmospheric conditions, whether in the form of ashes or of rains, upon territories situated several thousands kilometers away from the site of the explosion. No possible protection could be devised against the contamination of living creatures in regions so powdered or so watered. The radio elements would inevitably penetrate into every human organ. Such a radioactive rain fell over the south of the Japanese archipelago some days after the explosion of March 1, 1954. A general contamination was established in this region. Radioactivity was discovered in the urine of the population (more concentrated in that of young children), in plants, in the milk of cows, etc. After the explosions of Bikini, radioactive fish were caught several thousand kilometers away.

'One milligram of radium is sufficient to kill an individual', so we are told by Prof. Teller, head of American nuclear manufacture.

The Bavarian Minister of Agriculture has revealed (May 24, '55) that the radioactivity contained in the rains of June and December, was such as to comprise a certain danger. This news caused a sensation among the population (according to the 'France-Soir' of Bonn). One of those retrospective revelations which they are kind enough to dish out to us!

From the AFP of May 27, 1956:- "The skipper of a Japanese fishing boat has suddenly become ill, and it is feared that he may be suffering from the effects of atomic radiation following upon the explosion of the H-bomb of May 27th, last. The boat was working, however, a good distance away from the danger zone, as marked out before the explosion. The eruption which broke out over the whole body of the sailor is considered as symptomatic of atomic maladies.

The first submarine explosion took place at Bikini, 1946. The second (to speak only of American ones; the Russians have kept quiet about theirs), was exploded on May 18, 1955, off the coast of California. Each of these was equivalent to five thousand tons of T.N.T. It is known that no means exist of preventing the contamination of edible fish, even when the bombs are launched far away from the fishing areas and maritime routes (Prof. Fontaine).

Before his death, Prof. Debiere, who was Director of the Radium Institute, thus described what he called the gradual poisoning of our atmosphere:- "A bomb of 50 kilos produces 50,000 tons of nitric acid. One charge of 50 kilos can induce in the atmosphere enough centres of condensation to give an average concentration of 25 millions per cubic centimetre in a layer of forty kilometres depth over the whole surface of the earth. These centres could persist for years before being eliminated."

Well, the first hydrogen bomb had a power of five million tons of T.N.T. and the last, a power of fifty million tons! After the explosion of the Russian bomb in 1955, an increase of radioactivity in the atmosphere was observed on all sides. The Observatory of Fukacaa in Japan declared that rain-water, falling afterward in the south of Japan, contained 28,000 Geiger units per litre and per minute. The Japanese Ministry of Health had stated not long before that life was actually in danger in the middle of an atmosphere of more than 100 Geiger units!

On December 21, 1954, Dr. Leyton, of London, reported a dangerous increase in cases of migraine due to electric charges produced in the atmosphere by atomic and thermo-nuclear bombs;

and in India in 1955, a 'strange malady' was under observation, believed to be due to H-bomb explosions. We are in a good position, actually, at the AMI, to know and to affirm, that a large number of people have been attacked by dangerous radiations, producing various troubles, particularly, sterility or even death without warning. In 1955 radioactivity at Chicago was increased by 100%. On the 10th of February, 1955, a red tide killed millions of fish on the coast of Trinidad. Radioactive rain and snow have fallen on several large towns, amongst others.

The percentage of 'mongol' idiots born at Hiroshima and Nagasaki is eight times greater than normal. Besides this, many monsters have already been born in Japan. Doctors have destroyed them, so that the public should not be informed, and scientists have coldly studied, scrutinized and dissected them (Information comes from the Brotherhood of Faith, Ontario. *Also confirmed by member of Society of Metaphysicians, Ltd., who was an assistant at such post-mortem operations.)

Dr. Harold Pambelbon, well-known American scientist (atomic) and naturalist, was able to show, two months ago, to his colleagues of Ogden (Utah), mosquitoes of the size of dangerous hornets, peacock butterflies scarcely out of their chrysalises but as large as tom-tits, and two gigantic insects which he had captured in his neighborhood with the aid of a butterfly net. "At first," said Dr. Pambelbon to representatives of the Press, "I thought that radioactive rays produce results only in the course of several generations, but I now know that the same sample tissue from an egg can, if it is submitted to radiations which would be dangerous to man, and if it is maintained in a constant temperature of 30° centigrade, becomes in several months the monster which you have under your eyes."

The greatest biologists and geneticians admit that the domain of perturbations caused in the human organism by atomic radiation is far from being fully explored - "It will not be, perhaps, for another half century." However, enough is known to have it said, in the corridors of the Atomic Conference in Geneva, that this is a 'disagreeable subject, for it contained the risk of spreading panic amongst the crowds of people who understood nothing about it' (Revelation by Charles-Noel Martin in the 'Figaro Litteraire' of April 28, 1956). "What we find awkward about this affair is public opinion, but public opinion can be moulded; it is for us to make it clear that after all, every step forward in progress carries its inconveniences, and that a little radioactivity spread throughout the immense world cannot cause much harm." Yes, that is what is being whispered behind the fine facade of 'Atoms for Peace!'

Professor Axel Hellenborg, chief of Swedish meteorology, considers that atomic explosions charge the atmospheric currents with centres of ice. 'The North Pole is today 18% heavier than the South Pole. The result of this phenomenon could be the upsetting of the equilibrium of our planet.' It is not I who have said it this time!

'The progressive ignition of the atmosphere is now a possibility capable of producing total atomic destruction' (J.J. Williamson, President of the Society of Metaphysicians, who has, alas, reason for saying that *cataclysm has begun).

The cause is easily understood. We are in the presence of CRIME AGAINST THE LIFE OF THE PLANET, crimes which have been going on for eleven years. The Russian, American and English leaders responsible for these ignoble enterprises are acting without concern for the common welfare. The only 'extenuating circumstance' for the Americans is that of having always announced their evil intent. The only 'extenuating circumstances' for the Russians is that of having proposed, several times, and again quite lately at the last session of their Disarmament Commission, the suppression of the H-bomb experiments (and this act is in the shadow of bad motives.) The American and English once again refused such action: no doubt due to knowledge of ill-motive. The English are aggravating their case by preparing for next year, experiments on the first British H-bomb.

- end -

Note: LE COURRIER INTERPLANETAIRE is edited by Professor A. Nahon, at 25 Avenue Denantou, Lausanne, Suisse. The British edition, in English, is issued by the Society of Metaphysicians, Ltd., Archers' Court, Hastings, England. Single copies, U.S.A., .20; 12 copies \$2.00. Either the French or English edition should be interesting and useful to American readers, since it supplies information from European sources not easily obtainable in this country.

The issue of Le Courrier Planetaire quoted above includes an open letter to President Eisenhower, part of which reads as follows:

"One hundred experts on atomic questions grouped under the aegis of the National Academy of Sciences have recently published a report, of which the conclusion follows: Atomic radiations are putting the whole human race in peril. The pursuit of thermo-nuclear experiments is capable of rendering the earth uninhabitable. One million 800 thousand children are already showing signs of changes which could be attributed to nuclear explosions.. Vegetables, fruit, fish have been shown to be radioactive. Birds die suddenly. Monsters have been born in Japan. . . A new malady has appeared in Salsburg ... The north pole is today 18% heavier than the south ... Ignition of the atmosphere is now a possibility . . .

EXTRAORDINARY MAP DIVINING

(Assoc. G. Burrige)

Few ROUND ROBIN readers would deny there exists a type of human mind capable of locating hidden-from-sight materials. If asked, many of its readers might even look out over their glasses and reply, "Huh, kid stuff!" Dowzers, diviners, radiesthesists or rhabdcomancers are hardly "chicks just out of the shell" to these folk. History is full of diviner-legend, and legend is full of their history!

We do not wish to sharpen an old saw here. But once in a while a man will use his wits in such a way as to turn the tables on his scoffers so neatly, while playing their game, that we cannot help wishing to share the word of it. Such a "table turner" is Emmuel Carroll.

Carroll came up the divining path the long, hard way. If his has been a bed of roses, ~~then~~ the quilts have had many a thorn between. Some years ago we wrote, "Persistence is a name f o r Carroll. Time has proved us right."

Carroll was divining before he knew what he was doing - before he knew he could! He took his bride to Wyoming to hunt jade on their honeymoon. They began the search by walking the hills and canyons, their eyes "glued to the ground" - in the ordinary way. They had not done this very long before Carroll stopped abruptly one morning, turned half way around, looked back across the canyon to a clump of bushes on the other side, and said to his wife, "I think if we look over there, (pointing) we'll find some."

They crossed the canyon and climbed to the bushes. Beneath them they found a jade boulder as large as a man's head! The boulder paid for the honeymoon. Finding that stone made Carroll realize he didn't necessarily need to look for things as others did - that he had something. But it took him years to learn how to use that something. It may well be he has not yet reached the full realization of his talents.

We would like to bring forward here an account of his latest successes in "map divining".

Map divining is not uncommon among people like Carroll. However, such an accomplishment is disbelieved by most other persons. Even those who do not deny a diviner can find underground water when over it, or nearly so, shake their heads violently, back and forth, when confronted with map divining.

We do not wish to discourse on how map divining may be done - or how Carroll says he does his. Rather, we would like to present an account covering some 300 separate, but consecutive map divinings for oil, processed by Carroll. These have been proved and found to be better than 95% accurate! And more astounding, they are of public record to prove the proof. Part of the proof and the public record were being recorded while other parts of the divining were in progress. Anyone may look up the back issues of the publications we will name and see the facts for himself. No one need take anyone's word for anything!

There is only one way to prove divining of any sort. Dig, and find the stuff! Such procedure is a long, slow, expensive matter. A diviner must be a rich man to prove any number of separate locations during a year that way. Map divining is the king of time and money consumers - if you wish proof!

\$25,000 is a small cost to drill a prospective oil well site. Anyone wishing to prove his "guess" that there is oil "down there" would have to spend seven million, five hundred thousand dollars on 300 separate sites! But Carroll proved his map divining on more than 300 separate sites and didn't spend \$100! Yes Mam and Sir, every divined site was drilled - some deeper than a mile - at least one more than two miles!

Now, just how does one go about getting 7½ million dollars worth of underground information for less than a \$100? Its a good trick if you can do it - and Carroll did it. This is how.

In California - and in many western and southwestern states also - before any oil or gas well can be started, those sponsoring the drilling must obtain a "release" from the State's Department of Oil and Gas. One of the requirements in obtaining a release is an exact record of the new site's location - Range and Township numbers, Section number, and precise position of the site in that Section. All this becomes a record. The record becomes "public property" as soon as the release is granted, just as knowledge of a will or a deed transfer becomes public property as soon as recorded. This prevents "claim jumping", but also washes away all secrecy from the proposed location, so unless one has surrounding land under lease, he might have company!

Established in 1919, and published regularly since, is a n oilman's paper known as Munger's Oil-O-Gram. The Oil-O-Gram is issued five times a week. It carries all news and items of interest to oilmen. Among those items is a daily list of the "releases" granted the previous day from all offices of the Department of Oil and Gas in California, and many other states a s

well. This list covers "Wild Cat" wells as well as those in known and developed fields. It was from this daily list which Carroll chose his subjects for map divining and predicting. The locations were accurate. They were of public record with established dates. Back issues of Munger's Oil-O-Gram may be consulted in large public libraries, in the library at the Munger office, in the files of oil companies, in the libraries of technical colleges offering courses in petroleum geology.

In addition to a complete list of releases granted, is carried information regarding those wells which have already been drilled. If these wells are good - "hits" - the number of barrels per day of crude is given along with its type, the gravity of the oil, the amount of gas and water which may be issuing from the well. If the well is "a miss", that information is also given. All these wells were releases listed in some earlier issue of the paper. Thus, Munger's Oil-O-Gram provides a complete published report, entirely independent of Carroll's activities, and over which he had no possible influence. These reports are based on information furnished by each individual owner of the drilled wells to the Department of Oil and Gas, and checked by the Department, thus can be considered highly accurate. Here again, Carroll could have no influence, whatever.

Mr. Carroll has a private library of some \$3,000 worth of standard U.S. Geological Survey surface maps and aerial photographs. He does not have all the maps or photographs published by any means - nor has the Geological Survey mapped and published all the area of the State of California. This is true of most western States. There are many "holes" of this State's surface not accurately recorded on any sort of small scale map.

But Carroll knew that if he was to make his part of the scheme as water-tight as the rest, he must find means for publishing his predictions before the wells were completed. He also knew this publication must be of public record, and one which could be easily referred to at any future date. He found such a place in the newspaper, "The Huntington Beach News", in its weekly column called "Oil Round Up". Thus, for many weeks, "Oil Round Up" carried from two to four inches of "Carroll Predicts".

Because our space is limited we will show only one example of the complete cycle of Carroll's predictions. This one can be matched many, many times by consulting back issues of the "Huntington Beach News", Huntington Beach, California, and Munger's Oil-O-Gram.

To make our record fully complete, however, it should be noted that the "News" is published on Thursdays. Carroll's predictions had to be in the offices of the paper the Monday before. Allowing postal time from Carroll's home, where the map divining was done, it meant he had to have his work finished and in the mail by Saturday morning before the Monday, before the Thursday's publication. This meant Carroll was predicting nearly a week before possible publication. In many cases, drilling of the predicted well site was continuing during this interval. But in only one case was a well site "spudded in" - (begun) - drilled, capped and abandoned, and the results published in Munger's, before Carroll's predictions of it would have been published in the "News". A hurried phone call by Carroll to the "News" to strike the item, prevented any possible "question" marring the whole process. Carroll had predicted "a miss" for that particular site. It was!

As our example of the cycle through which Carroll's 300 map divinings went, from inception to final disposal we present the following: Munger's published a notice that Humble Oil and Refining Company had obtained a release and were spudding in a well on Rancho Santa Clara, March 8th, 1956. Carroll had maps covering this area and he divined this site. In the "Huntington Beach News" for Thursday, March 15, 1956, "Carroll Predicts" said this well would be "a miss". Again, on March 20th, 1956, Munger's reported the well had been abandoned and capped after drilling some 8,335 feet! While this was "a miss" for Humble, it was "a hit" for Carroll!

Thus did Carroll carry out a like pattern for more than 300 times. While the above item was only one in a list of several others published on the same date, in the same column, it will serve as a good guide for all the others. Considered in the light of the above information, anyone may readily see there could be no possible collusion among any of the various sections in this arrangement, and no way Carroll could have come by before-hand information regarding the site except through his own peculiarly outstanding ability for divining such things.

Emmuel Carroll has caused much "gnashing of teeth" among petroleum engineers and geologists - as may well be imagined. They haven't a thing to say back. Perhaps they feel much the same as the Harvard scientists with whom we have had some correspondence regarding divining. When we pointed out to him that geologists made many errors too, and nothing was ever said about them, our correspondent replied, "Yes, geologists do make errors, but they have a scientific basis on which to work."

Mr. Carroll, we regret you have been so right, so often, with so little of today's scientific basis on which to work!

THE DROSNES-LAZENBY CANCER TREATMENT

(The BSRA publications have long supported - and continue to support - at least two other types of cancer treatment besides the one named above. Both the Koch and the Hoxsey treatments have worked near-miracles in thousands of cases. The Drosnes-Lazenby method using mucorhycin has a similar history, so far as persecution and abuse are concerned, but has steadily gained ground and is far past the experimental stage. It deserves the widest possible publicity, and we quote introductory paragraphs from Pittsburgh's Cancer Weapon. We urge all Associates to write the Drosnes-Lazenby Clinic at 4774 Liberty Ave., Pittsburgh 24, Penna., and ask for this publication and any other material relevant to the Clinic - and if possible see that any sufferer from cancer known to you at least gets the necessary information.)

'MUCORHICIN is the name of the substance used in the Drosnes-Lazenby cancer treatment. Mucorhycin is an antibiotic - indeed, it is a combination of seven antibiotics including two strains of penicillin.

'Mucorhycin is a mold substrate containing generic forms of Mucor, Rhizopus, and Penicillin.

'A 6½ year experiment was conducted with Mucorhycin under medical supervision, to determine what effect this substance has on prolonging life and affording symptomatic relief in advanced cancer. Clinical records were kept on approximate 2,000 cases. - Patients were of both sexes and of all ages; presented all types of malignancies. Previously these patients had had surgery - X-ray, radium, or all three. They had been sent home to die as incurable with only palliative therapy to ease their suffering until death ensued.

'Clinical records show that some of these so-called incurable cancer patients are living as long as almost seven years beyond their life expectancy; others from one to almost seven, free from pain and other symptoms, and leading normal lives.

'Percentage of symptomatic relief, such as alleviation of pain, ability to sleep without drugs, increased appetite, and better digestion, in the patients who did not survive, was tremendously high. No toxic reaction or side effects were found in a single instance.

'Diagnosis of malignancy had been established in all cases by accredited hospitals and physicians.

'The results of this experiment establish beyond a doubt the value of Mucorhycin as an anti-cancer agent.'

(Editor's Note: This series of articles is presented in the public interest. The articles are written by a proponent of the Drosnes-Lazenby Cancer Clinic. The staff of the Clinic feel they have been grossly mistreated by the medical profession and grossly misrepresented by our free press in recent years. The Pittsburgher Magazine takes no sides but merely wishes to provide a forum for full, free discussion from both sides. Replies to these articles from the medical profession or the press will be welcomed.)

Inquirers should receive not only the brochure mentioned in the first paragraph above, but another by Frank Edwards, of seven printed pages, and another 2-page item by Alma Kline Eckard. An excellent addition is the six-page reprint of articles in the Youngstown, by Editor Bud J. Fares, of Youngstown, Ohio. Our own current information was forwarded to us by Assoc. Philip Friedman, R.A., of Florence, Arizona, who has been active for several years in his support of the Mucorhcin treatment.

- e n d -

PSYCHOTHERAPY - THE HEALING OF THE BODY BY MENTAL MEANS

"The mind has a body". This is the basic axiom of the "new" therapy - which of course is not 'new' at all, but old as the race. The converse proposition, invented by modern materialism, that 'the brain secretes thought as the liver secretes bile' has joined many other solemn futilities. We can hardly proclaim as yet any age of Enlightenment, but we are at least discarding some of the smug sapience of the near past. In its issue of January 27, 1957, the American Weekly prints a lengthy article by Will Cursler, titled Dealing with Faith, and summarizing the results of a year and a half of investigation of mental and 'religious' healing among many cults and denominations.

"I can report", he writes, 'that churches of all faiths are in the midst of a tremendous reawakened concern with this subject. The familiar argument that only functional (not organic) diseases are cured does not seem to hold true. Weekly healing services are common in many churches, and ministers often have the full cooperation of medical and psychiatric leaders who also are exploring the new role of spiritual and psychosomatic healing.' ... Cures of terminal cases of 'killer' diseases such as cancer are reliably reported, by written statements in reply to specific questions.

All these facts are of immense importance and significance to humanity. One comment of a critical mind might be, that any real or seeming miracle cannot be construed as 'proof' of any theological or sectarian dogma - as has been done for many centuries past.

(acknowledgment to Assoc. Dorothy Costa for clips).

ANTIGRAVITY AND SPACESHIP PROPULSION

by C.F. Krafft

There have been many apparently genuine UFO sightings which cannot be readily explained on any other basis than that they are spaceships of unknown origin. This immediately brings up the question of how they operate. We are confronted here with two main problems, namely the problem of overcoming gravity and the problem of providing adequate propulsion.

A true antigravity device would have to shield or neutralize the force of gravity and not merely overcome it with an opposing force. As Isaac Newton himself realized, the immediate cause of gravity must be a push rather than a pull, and for exerting such a push there must be an ever present ether. In order to diminish this push, the ether that is above a body would have to be brought down below a body. A ring-shaped closed core magnet should be capable of doing this, because if we are correct in our assumption that the flow of ether in a magnetic field is circumferentially of the axis of the magnet, then it necessarily follows that if the magnet has the form of a ring-shaped closed core, there will be a flow of ether from one side of the ring to the other side thereof. The circular rim that usually surrounds a UFO of the saucer type is suggestive of such a closed core magnet. Sometimes the rim has been observed to rotate, but that may be for gyrostatic stabilization, or it may be merely the recoil from a central structure that is being kept in some desired angular position. If substantially all of the circulating ether is in the magnetic material of the core, then it may be possible to bring it into the open middle portion of the ring by positioning an electrode at the center of the ring and keeping this electrode and the ring at a difference of potential. If the central electrode is charged positively and the magnetic ring negatively, then it seems that the ether currents which are linked with the electrons of the ring would have to constitute both the electrostatic field and the magnetic field because these are not different fields but different aspects of the same field. If the magnetic field could never leave the magnetic material of the core, then there could not be any electromagnetic induction such as occurs during the operation of a transformer.

Whether an antigravity device of this sort would be operative can be determined only by experiment, and we have no proof that the UFO's employ any antigravity device at all. The same force that must be used to give them the enormous accelerations that have been repeatedly observed would be more than sufficient to keep them standing still in mid-air, but we do know from the absence of conspicuous vapor trails that this force is not exerted by jet or rocket motors of the types that we are familiar with. Jet or rocket motors would also be inadequate for this purpose because of the limited amount of energy that can be obtained from chemical reactions by thermal expansion.

It would be different if ionized particles could be used instead of heated gas molecules because the electrostatic repulsion between electrically charged particles can be much more powerful than thermal expansion. A single alpha particle for example exerts a recoil force of about ten pounds, but radioactive materials do not produce such particles in sufficient quantities for this purpose. The use of artificially produced ionized particles for operating jet or rocket motors has been previously suggested, but the difficulty has been that the energy necessary for expelling them at a high velocity would have to come from electrostatic generators carried by the spaceship, and these would add so much to the weight of the spaceship that little if anything would be gained. However, in the scheme that will now be presented, the ionized material could be prepared in condensed form at the large hydroelectric plants where power is plentiful, and could then be fed into jet or rocket motors for release of the entrapped energy.

For a proper understanding of such a process, the structure of the atom will first have to be considered. Under the prevailing nuclear theory nearly all of the mass of an atom is concentrated in a tiny central region called the "nucleus", but recently it has been shown that what was once considered to be a true nucleus is really a star-shaped core reaching far out toward the peripheral portions of the atom. Such an atom can ionize by either of two methods -- either by the liberation of complete electrons, or by exposure of the free ends of the core structure which carry positive charges at their outer ends. The latter mode of ionization occurs in the inert gas atoms which ionize quite readily, but do not form any valence bonds because a valence bond must always be a bifurcated structure.

There is, however, another form of bond that should be possible between ionized inert gas atoms. In 1936 a certain attractive or cohesive force between protons at close range was discovered. This force, which is often referred to as "super-gravitation", is believed to be the force that keeps the atoms

intact. If inert gas atoms in the ionized condition could be joined to one another directly through their cores by means of this force, and without the use of valence bonds, then an entirely new kind of matter would be produced -- exactly what would be needed for spaceship propulsion. The best material to use for this purpose would appear to be argon, but molecular nitrogen and many other materials should also be tried because inert gas atoms are not the only ones that can ionize in this manner. The material would have to be brought to a very low temperature, put under extremely heavy pressure, and subjected to a strong potential gradient for removing the negative electrons that would be set free by this process.

If such a condensed form of ionized matter could then be caused to disintegrate by one method or another, the positive gaseous ions thus released would create a tremendous expansive force due to their electrostatic repulsion from one another and from the positively charged jet or rocket motor which should be mounted on high voltage insulators so that it will acquire a positive electrostatic charge during use. Eventually the entire spaceship will also acquire a positive charge, which accounts for the peculiar corona that usually surrounds a UFO, and it may also explain why UFO's do not melt or burn up during their rapid movement through the air. A jet or rocket motor powered in this manner would not produce any conspicuous vapor trail but only a blue flame, such as has often been observed behind UFO's, and it would probably also be less noisy.

- e n d -

A LETTER OF IMPORTANCE: Admiral Delmer S. Fahrney, Chairman of National Investigations Committee on Aerial Phenomena: 1536 Connecticut Ave. N.W. Washington 6, D.C.- TO BSR Associate E.W.H. of Norwalk. Admiral Fahrney's letter reports that --

" the Policy Committee in Washington is holding off on any publicity or articles until they are better organized to handle the information that is flooding in. Also there is the matter of funds to handle this load. At the moment Major Keyhoe is acting as Director until a permanent Director is named. We are trying to increase the Board of Governors from ten to fifty names of some consequence in national affairs who are interested in our venture and who can give us a hand financially. If you know of any who can help, let us know."

THE BSR DIRECTOR CALLS THE ATTENTION OF ALL ASSOCIATES TO THIS IMPORTANT AND RESPONSIBLE PROJECT AND ITS NEED FOR FUNDS.

(Meade Layne)

THE INDISPENSABLE COMPLEMENT

'A CRISIS IN SCIENCE -- NEW ENIGMAS IN PHYSICS REVIVE QUESTS IN METAPHYSICS:' Under the double heading just quoted in Life Magazine for January 28, 1957, prints one of the most significant editorials of recent years. What the LIFE editor has to say is not new in substance. It has been in the minds and writings of many workers in the 'borderlands' of science, and long before that in the texts of metaphysics. But here we have an explicit and simplified statement in a publication of national circulation. To quote briefly:

"At a recent meeting of the American Association for the Advancement of Science there was sober talk of scientists abandoning their traditional impartiality toward the effects of their discoveries and of providing professional to society on how to control the revolutionary potentials science is creating . . . Yet conditions within science itself are changing so fast as to baffle its practitioners. . .

"Experiments recently announced destroyed the 'principle of parity' which has been a cornerstone of submicroscopic physics for thirty years . . . There may be distant galaxies whose atomic structure is just the reverse of ours ('anti-matter'). The volume of known space has been enlarged 50 times in the last decade . . . Some scientists are arguing the likelihood of life on other planets, perhaps even on millions of planets. . . There is even concrete planning of a space vehicle. . . Yet ever vaster are the areas of ignorance which seem to open. . . the "strange" particles . . . vast jumbles of new numbers with an "insulting lack of meaning". But the more science 'progresses' THE LESS DOES IT PROMISE US a theory of the ultimate nature of the universe and of life.

'Two facts strike the layman as significant. One is, that the old-fashioned materialism is now even more old-fashioned. Its basic assumption is irrelevant to an age which has proved that matter is interchangeable with energy. The second conclusion is, that old-fashioned metaphysics is sciences INDISPENSABLE COMPLEMENT for a full view of life. . . Set free of materialism, metaphysics could well become man's chief preoccupation of the next century -- compatible with science but not confined to scientists . . .'

All these considerations (to repeat) are not new; our BSR Associates will have heard them many times. For a practical application let us again point out how deeply the problem of the space ships is a metaphysical-and-physical one - and that text books of science have no solution and will have none, until the two aspects of this approach are integrated. Almost alone and for a decade now, the BSRA have maintained this thesis.

(Ackn to Assoc. J.H. Bruening)

"PRANA" AND SUB-ATOMIC ENERGY-CONVERTERS

by
BSR Assoc. "Lindy Millard"

In Theosophical books there appears a quasi-onomatopoeic term: "Prana". By virtue of its context, this term seems to mean "pangamutuous hash of frequencies, rotary and undulatory, microcosmic in amplitude but ubiquitous in distribution so as to pervade both space and matter." Although this etheric energy is still impalpable to scientific instrumentation, we know intuitively that Prana must exist, because there is no better way to account for the ultimate origin of the mass-energy of sub-atomic particles than that energy in some form has always existed at every point in space. At 0° Kelvin (Absolute Zero) frozen matter has no atomic or molecular motion whatever, but there still must remain some "background" fluctuations of unquenched energy, called "zero point fluctuations", which have nothing to do with the hypothetical motion of the electrons in so-called "orbits" since the background energy belongs to "empty" space itself.

As to the energy-conversion process whereby some of the energy of Prana becomes mass-energy, there may be several scattered clues in books on occult topics, but only a few scholars could spot them. They would have to know certain facts, such as those of acoustical engineering, etc., in order to sift the useful clues from a maze of other possible suggestions. Some clues may be gleaned from these books: Phylos, "A Dweller On Two Planets", Ch. IV (1894); J. Howard Cashmere, "Lost In The Bottomless Pit" (1905); The Secret Book of Dzyan; the Kaballah; The Book of Job; Oahspe; and The Book of The Secrets of Enoch. Some of these may be quoted where they seem to throw some light on this topic.

The clues often hide behind metaphors, terms which not be taken too literally outside of their interpretive contexts. Here is one: . . . "And from the rock I cut off a great fire, and from the fire I created the orders of the incorporeal ten troupes of angels and their weapons are fiery and their raiment a burning flame, and I commanded that each one should stand in his order." . . . (From The Book of the Secrets of Enoch, XXIX: 2.) The "rock" here mentioned is certainly not mineralogical and lithospheric, nor is it necessarily combustible like sulphur and anthracite. That "fire" could be

non-chemical and ultra-sub-atomic in form, like an energetic burst of resonant vibrations, as though particles of the rock were resonant singularities which can occur in many ranks of size or specialized potency. Each singularity need not be complicated; it may be a hollow ball with a tiny orifice in it, or perhaps two antipodal orifices.

In Dzyan, Stanza III: 3 of Cosmogenesis, one finds this: ". . . the Ray causes the eternal Egg to thrill, and . . ." If we give imagination free reign, untrammelled by commentaries written by others, we could discern here a metaphorical reference to a cavity resonator (the Helmholtz kind), which can "thrill" (respond to Prana selectively) so as to generate a field of Akasic (?) output, thus accounting for the "fire" from the "rock". Again, the energy outputs of the resonators may interact, so as jointly to set up "stationary waves" with velocity-loops (swishing action) and quiescent zones or velocity-nodes wherein pressure fluctuations may occur. It may be claimed that Phyllos, who used Frederick S. Oliver as his amanuensis from 1883 until 1886, had predicted the quantization of energy prior to its discovery by Planck in 1900. See pg 64 of the 1940 reprint. Phyllos, on pg 62 (1940), seems to have alluded to frequency-resonance itself, rather than to positions of equilibrium in stationary-wave nodes between oscillatory loops, so that here the One Substance could play the role of the active resonators rather than of passive particles.

The Kaballah, which describes Deity in anthropomorphic metaphor, has very little to say about energy and matter.

Job 38: 7 says: ". . . the morning stars sang together.." The Authorized Version of the Bible has a unique nomenclature of its own, whose hidden meanings may be discerned from a complete tabulation of contexts for a given term, gathered from all places of occurrence therein. Among the code words of the Bible are these: "path", "way", "high arm", "dayspring", etc.

Let us examine closely the function of a cavity resonator. During the influx phase of pulsation at the orifice, the gaseous aspect of the ether behaves like a short-range flow from all directions of a great hemisphere (a velocity field with point-symmetry) and this half of the cycle is entirely impalpable to the environment, so as to imitate what Ramon Natalli calls the "time vacuum" (R.R. X:4, Nov.-Dec., '54, pg 22). But the opposite phase of the pulsation at the resonator's orifice is much like a cough or jet-pulse. Consequently, the energy-field near the orifice has a definite saw-tooth ("push-push") type of flow. Natalli

says that sub-atomic radiation (gamma) is of this character. In connection with protons, the generators of the gravitational field (indirectly), a saw-tooth velocity field in the ether also corroborates the gravitation concept of H.J. Cashmere (set forth at the back of his book Lost In The Bottomless Pit, pgs 157-165). The range of frequency for gravitation must be so exceedingly high that every proton must cast its own shadow into space, right through the circulatory ether-currents which are maintained near its core. On the basis of the influx - phase of the pulsation, Cashmere had prepared a thesis on gravitation (in his book), which almost resembles the basis of the theory of O.C. Hilgerberg, but he did not foresee that cavity resonators cause the pulsation.

It seems highly probable that cavity resonators occur in various sizes and shapes, and their origin is not difficult to derive logically from Fricke's theory of primary and secondary ethers. Fricke assumed that the secondary ether consists of vortex-balls or spinning droplets of primary ether, as has been explained in R.R. XI: 1 (May-June, '55), pg 13. Were these vortex-droplets to become packed solidly together, a solid state of the secondary ether would result. A random orientation of spinning moments seems to be more probable statistically than a neat array of alternated moments -- a checkerboard arrangement of clockwise and counter-clockwise moments. The latter would exist as an indestructible "not-cut" substance of Democritus, as "plenum" or "adamant". But in the former, more probable, form, the solid ether could eventually erode and undergo cavitation. The two classes of plenum may coexist in the same lump. It is therefore not at all inconceivable how cavity resonators could have been formed after eons of time, during the primeval "Olams". Clouds of them could have been regrouped by radiation-pressure and selectively redispersed several times over during past eternity. This may throw some light on both Dzyan and Enoch revelations.

It has been alleged by many sources, including W. Russell and even Phyllos, that a gamut of frequencies (Prana) keeps the atoms of matter in existence, that the chemical elements are as tones in the octaves of this gamut. Let us see.

If an asterisk denote the highest possible frequency of Prana, we have for it vibrational period T^* and the frequency f^* , each a reciprocal of the other. If f^* be "high do" and if the seventh tone down from this be "do" also, then we have the first octave. The n -th tone of the gamut will therefore have a frequency that is given by:

$$f = 2^{-n/7} f^*$$

This is the "law of octaves":

But the period of the same tone is given by:

$$T = 2^{n/7} T^*$$

However, the law of vibrational periods whereby a cavity resonator must respond to some sub-harmonic of f^* , is given by:

$$T = (2n \text{ plus } 1) T^*.$$

This may be called the "law of odd multiples". Cavity resonators obey this law, but not the law of "octaves" under the condition that all Prana waves have but one speed of propagation in common. The only way to reconcile the two laws with each other, is to abandon Einstein's dogma about the speed of light . . . !! Selah. ("L.M.")

- e n d -

DANIEL FRY DISCUSSES SPACECRAFT

(Daniel Fry is the author of two volumes concerning space - craft: The White Sands Incident, and Alan's Message to Men of Earth. His scientific training is extensive, he is favorably regarded by serious students of the UFO phenomena, and is so widely known that no detailed introduction is necessary. The following excerpts are from a tape recording of a lecture delivered by Mr. Fry in Seattle, in June 1956. The full transcript runs to seven legal-size pages, much too long for this publication, but brief quotations may induce our Associates to turn to the books mentioned, and to the forthcoming Steps to the Stars. We quote from the question and answer section of the lecture.

Question: What sort of motivation do these craft have?

FRY: They are propelled by a field, and I might say that within ten years at the most we will have a duplication of this on earth. We would have had these some time since if it hadn't been for three specific 'thought blocks' that are produced accidentally by the means that are used to explain the mathematics of relativity. I say there is nothing wrong with the mathematics of relativity today, but there are a number of things wrong with the analogies that are used to explain these mathematics. They make things appear to be impossible that are not basically so at all. There are much simpler explanations than have been given the public up to this time. Some of these I am publishing in a small monthly publication called "Understanding" . . . It is usually stated

that they are 'magnetically propelled' and this is correct as far as it goes. The field is produced by the interaction of two magnetic fields. But this in itself is not a magnetic field in the usual sense of ferro-magnetic. We usually think of some ferrous material that has been polarized. Unfortunately, iron or any other ferrous material has a comparatively low saturation point and isn't very good material for setting up a propulsion field. But a field can be produced by the interaction of two rotating magnetic fields which are essentially identical to a gravitational field. It can also be made contraterrane - i.e., negative with respect to the gravitational field of

the earth. You then have a tendency for the two reference points to separate rather than to approach. Basically, the attraction of gravitation becomes propulsion. It doesn't do anything to the gravitational field of the earth itself; it is in itself, a field which is in opposition to it ...

Consider a permanent magnet and a soft iron bar. We note that the properties of these objects are their inherent attraction and infer that this property would exist no matter what is done. Of course we know that if we wound a conductor around the soft iron, inducing a flow of electrons in this winding, we could cause these objects to exhibit either attraction or repulsion, one as easily as the other. In other words, we could also polarize the soft iron bar. Note that in this case, while we are producing a repulsion between the two, we are not destroying the field of the magnet - not shielding it nor overcoming it. We are simply producing a field which is in opposition to it.

This is a subject in itself, this propulsion of the craft, and it can be gone into for five or six hours and becomes more clear and understandable as it gets down into basic fundamentals. There is nothing particularly complicated about it, but it does require time.

- - - - -

(In reply to many inquiries: We can supply the 30-page MEMORANDA OF THE MARK PROBERT SEANCES (also called seance reports) in the following numbers, at \$1.25 each:

NOS. 1 - 2 - 3 - 4 - 7 - 10 - 12 - 13

Also: SPACEMEN, FRIENDS AND FOES, by Trevor James: a 36-page brochure in two parts. Also: THE GREATEST PUZZLE OF ALL, by Clarkson Dye (an approach to spiritism) @ \$1.00.

(The price of the SPACEMEN brochure just mentioned is \$2.00 for both parts - total price).

S U P E R M A T T E R

by

C. F. Krafft

Ever since the time of Dalton and Higgins it has been thought that matter always consists of atoms -- discrete material particles which may exist separately or in chemical combination with one another to form molecules. Various theories have been advanced as to how these atoms are constituted, but until now the existence of the atom as the necessary structural unit of matter has never been questioned.

All modern theories of atomic structure, including the new vortex theory, have considered the atom as a centralized structure in which all parts are firmly bound to a tiny central region, usually referred to as the nucleus or core of the atom. Until recently the nucleus was considered as a tiny hard kernel at the center of the atom, but it is now quite clearly realized that the "nucleus" is not as well-defined and self-contained an entity as it was formerly thought to be. On the contrary, it is now considered by many authorities as being a radial structure extending far out into the region of the electrons so as to constitute a core rather than a true nucleus, but even in this revised structure of the atom, the positive protons are still clustered around the center of the atom while the negative electrons are mainly in the peripheral portion.

When two such atoms collide, they will either rebound or will become chemically attached to each other by means of their valence bonds, which will then hold the two atoms at a fixed distance from each other. When two inert gas atoms collide, they can only rebound, at least this is all that can happen in nature where temperatures are never very close to absolute zero.

Artificially however, we can produce temperatures very close to absolute zero, and if inert gas atoms can be sufficiently quieted down thermally so that they will no longer rebound, and if their peripheral electrons can be removed by methods similar to electrolysis, then it seems that it should be possible to bring the cores of the inert gas atoms into direct contact with one another. Their exposed cores will of course carry positive charges which ordinarily repel one another, but at very close range protons attract each other by a force known as "super-gravitation". Hence if the core of one atom can be brought

into direct contact with the core of another atom at sufficiently low temperatures, then the two atoms should become permanently attached to each other, not to form a molecule, but a superatom. By a continuation of this process it should be possible to form long stringlike polymers of atoms, similar to synthetic resins, but with this difference that in synthetic resins the atoms are joined to one another by chemical valence bonds while in such atomic polymers they will be merged with one another into long stringlike atoms and will thus lose their separate identities.

In order to produce such superatoms we would have to use inert gas atoms without valence bonds. The most suitable material to work with would be argon which is plentiful in our atmosphere -- much more plentiful than any other inert gas. Argon furthermore has the advantage over neon in being more easily liquefied and in having longer radial brahces on its core structure.

Needless to say, such superatoms would constitute not merely a new chemical element, but a completely new kind of matter. If such supermatter could be produced, then it would not only open up new industries, but would introduce a new era of civilization, which may surpass our wildest dreams.

- e n d -

We take this opportunity to announce that the new book, *THE INEXPLICABLE SKY*, by Arthur Constance, already published in England by Werner Laurie (1 Doughty St., Lon. W.C.1, \$3.50) will shortly be issued in this country by The Citadel Press, 222 - 4th Ave., N.Y. 3. About two-thirds of this book is devoted to astronomical phenomena of the most striking sort, and the remaining third to the 'visitation' of the UFO. As to this subject, the author does far more than merely recite a long series of remarkable sightings. He is a 'constructive iconoclast' with little patience with smug scientism, and we especially recommend his books to our Associates, since he is very favorably disposed toward the interpretation of the aeriforms (UFO) which the BSR has been presenting for nearly ten years past. There is a slow but steady movement of opinion in this direction, and Arthur Constance is well in the vanguard of a distinguished group.

Excerpts from letter, Mr. W. Gordon Allen, of KGAY, Salem, Ore and other stations of the network: To the BSR Director:

"I was much impressed by T. James' SPACEMEN brochure. . . I mentioned the other night that in the discussion of Newton in the 4 vol. work on the History of Mathematics just published by Simon and Schuster, which has had excellent reviews, it was indicated that most of Newton's utterances on basic science in his Principia were of psychic origin and not particularly brought about through experiment. . . I was amused to note, in reading about Newton in the Encyc. Britannica that this matter was not even hinted at. . . In the article by James one notes that the subject of light is said to be much in error when used as a constant by physicists. The phenomenon called the Zimmer Effect. . . shows that we can never be certain of a source of light that comes to us from 'outer space'. If light goes through a strong magnetic field no earthly observer can be certain of just what the situation is at its source. . . We still are trying to determine how to present this material to the public on our radio stations..

W.G.A.

(This active and well-informed interest by a man in Mr. Allen's position -note the last sentence in the paragraph above* is a source of encouragement to BSR Associates. ML).

We call attention again to the CHARTS compiled by BSR Assoc. KEZIAH, at 916 So. 21st St., Arlington, Va., and sold by him at \$1.00 each. These charts measure about 2'10" x 1'9" and are packed with classified data on the subject of the aerofoms. Good for and against doubting Thomases.

B.S.R. Hdqrs. has 50 copies on hand for resale, of following bklets: (two pocket-sized) -- "Speculative Suggestions" (Parts I and II); and "Selected Passages"(from the Farraday communications). These are offered by the compiler, F.R. Bartholomew, \$1.00 for the two. ORDER FROM: B.S.R. Hdqrs. --or from: F.R.B., 2501 Irving Ave., Minneapolis, Minn.- These small publications contain much valuable material.

After a long series of delays we expect to fill all standing orders for the COMING OF THE GUARDIANS some time this month. About 100 pgs. Statements of the Probert Controls concerning the aerofoms. This is a mimeo book. -- Price - \$3.00.

"Spiritism and the Beginnings of Christianity: by Jas. R.L. Morrell. Pocket-size brochure, admirably done and a popular item. "Thy Kingdom Come" is an additional item included at the \$1.00 price. Pub. by the author at Remington, Ind.- OR: BSR HDQRS. has 50 copies here for resale (\$1.00 each).