

A SAUCER FAN THINKS BACK

WISCO

SEARCH

MAGAZINE

April, 1963

35¢

BOMBS and BABIES

WHAT HAVE WE DONE TO
OUR CHILDREN?

*MENACE OF THE
BLACK SORCERERS*

*A
BIGGER
UNIVERSE?*

*MONEY FROM THE
UNSEEN WORLD*



Amazing scene from a stone; impressionistic painting by Richard S. Shaver. How many faces can you locate in it?



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October

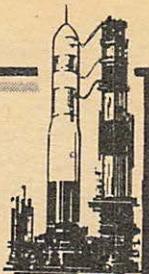
Sworn to and subscribed before me this **31st** day of **October**, 1962.

[SEAL]

M. Palmer

(My commission expires **NOV. 15, 1964**)

EDITORIAL



PERHAPS YOU have noticed the date on the cover of this issue and already you've got all steamed up and written a letter saying you didn't get your February issue of SEARCH (if you are a subscriber); or you've gone down and given the newsstand dealer the dickens for not having reserved your February issue. Yes, this issue is dated April, 1963. Yes, you did NOT miss an issue! Because the last issue was dated December 1962, and was numbered 50, whereas this one is numbered 51 and is dated April, 1963. THERE WAS NO FEBRUARY 1963 issue of SEARCH!

The reason is that one thing by which we are vulnerable - the fact that SEARCH is really a one-man operation, and when that one man gets sick, SEARCH gets sick also! If you will read the article on the atom bomb and babies in this issue you will get the whole story in detail, and it may shock you more than you expect.

However, out of all this has

come a lesson to your editor. From now on we are making plans to see that SEARCH does not depend on your editor alone for its existence. There will be another editor to carry on. That new editor will be Helga Onan, who has been our handy-woman for two years now, being responsible for all the typesetting in all our magazines and books. She has done a multitude of tasks for us, and now we are teaching her to be an editor. She may not be able to write, but as she takes over all the mechanical factors of producing our magazines, it will leave your editor free to concentrating on his writing alone. So, the result will probably be that you will find a great improvement in SEARCH in the future, and we will be able to do all the things we've never seemed to have time do do before. Such as the book we want to write on Moses; the book in which we tell the story of Ray Palmer himself, or at least his enormous file of notes on the unknown nature of the world and of life, and of the

psychic, mystic, mysterious, etc.

In a way, our mysterious illness has served to jolt us into a realization that time is short. This editor is 52, and he has so very much to tell you! He had better be about it! Helga will take the load off our shoulders, and let us do it. And as we introduce her to you, we assure you she's a brilliant woman, and will give you full measure.

The foregoing should answer the questions of those people who have purchased an advance pre-publication copy of our new book, **HE WALKED THE AMERICAS** by L. Taylor Hansen, which we originally planned to publish last Sept. 30, then in December. Now, because of our incapacitation, and also because of the railroad strike which delayed our paper deliver-

CHANGING CONDITIONS OF YOUR WORLD by Gloria Lee

Once again, J. W., a Being from Jupiter sends communication to people of Earth. His first book, WHY WE ARE HERE, brought such a tremendous reaction among many, he endeavored, through the Instrument, Gloria Lee, to relate still greater Truths and give a greater explanation of his first book.

Whether you agree with this book or not will remain to be seen, but none will be able to deny that herein lies much food for thought and will change many a thinker's concepts, and in some will stimulate desire to continue to delve deeper.

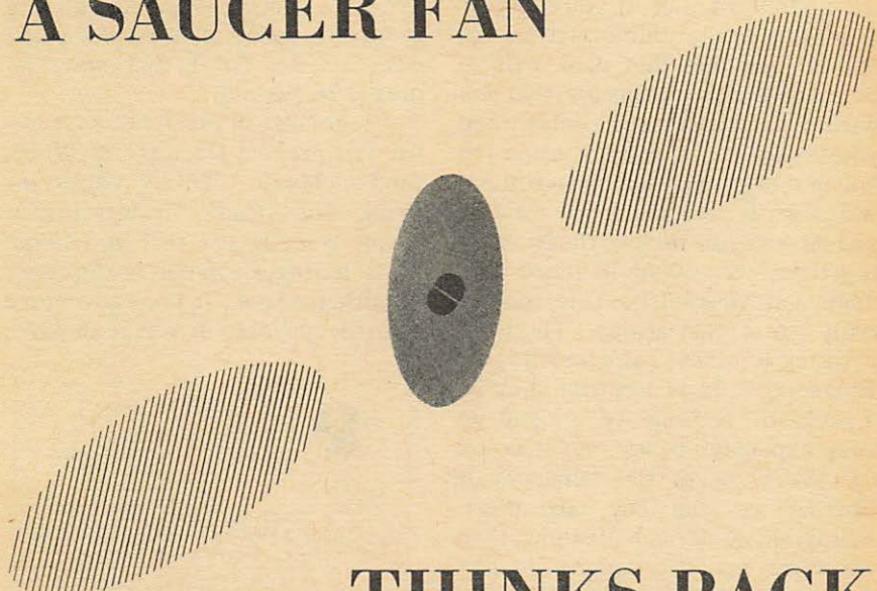
This book will offer one of the greatest challenges to the ones who seek answers to Life and its meaning. \$4.00 Also WHY WE ARE HERE \$3.75

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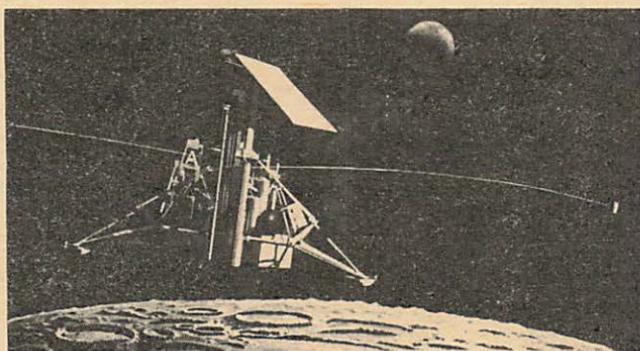
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A SAUCER FAN



THINKS BACK



By Alex Saunders

THE IDEA that Earth was being visited by alien space craft from a remote planetary star has intrigued me ever since I knew the meaning of such words as "alien space craft" and "remote planetary star."

The reading of science fiction in my teens nurtured the idea, while the voluminous BOOKS OF CHARLES FORT only intensified things. And when, in mid-1947, Kenneth Arnold's flying saucers created global headlines and widespread controversy, the matter was clinched.

What an exciting period that was!

This does not mean that prior to that time things were dull. Many articles were printed that caused much excitement and speculation.

Whenever I reminisce along these lines, one magazine stands out starkly. It is UNKNOWN, which ran such an article in the September, 1939 issue. Author Eric Frank Russell titled it Over The Border, and wrote: "Space is now being traversed with such ease and frequency that it is not conquering, but commuting. It is done not only with aplomb, but also with impudence.

"Extra mundane invaders have long ceased to be modest in their

arrivals. They soar even over our greatest cities, secure in their knowledge that their blazing descent will be defined by us in terms of superheated stones."

In making the airy, easy statement that we are being visited - and visited regularly - by unearthly creatures, Russell asks on what basis is this assertion made? If true, certainly they would have long been eye-witnessed.

With a confident head-nod, we are told that yes, indeed people have seen, and reported, "the arrival of intelligently fabricated machines descending from the skies - machines that never took off from any part of Earth!"

Using only the year 1938, his placidity-destroying article lists many verified cases of sea-falling "airplanes" in which immediate searches showed no wreckage.

Some locations: (1) about thirty-four miles north of Dieppe, France (2) five miles off Felixstowe, England (3) three miles off the village of Langatte, France (4) in the Baltic (5) in the North Sea (6) off Spain (7) in the west Atlantic.

In April, the Hull steamer, Polo, radioed: "Airplane just burst into flames off Dudgeon light-vessel." A search revealed no plane.

During that same month, the Newcastle collier, Birtley, docked at Hartlepool. First Mate, Robert

Wake, reported that he had seen "an airplane" plummet into the sea three miles before his ship.

In striking the water, a sudden burst of flame lit up the whole sky. After the mass of flames dwindled to three small patches of light, complete darkness returned. The ship steamed ahead at full speed. Nothing was found.

Witnesses were unanimous on one point concerning all foregoing accounts. That the objects tossed from the heavens into the sea were not natural, but artificial.

As Russell points out, they are always called "falling planes," except at night when a new tag is given them: "colored lights" or "meteors." A century ago in daylight they would have been referred to as "balloons", five centuries earlier - "man-carrying kites."

Of course, real airplane crack-ups do occur. Genuine falls into the sea are not rare. Russell refrained from mentioning some forty-odd falls reported in 1938 solely because they have coincided more or less with reports of missing planes.

What he is concerned with are planes that are not planes. Logically enough, he believes that a thing which is not an air machine must be something else.

From the data raked up, he theorizes on the probable home of the (as he calls them) space-traversing, super-amphibian sub-

mersibles. It is Venus. Why? Well, as our nearest neighboring planet is likely an abode of aquatic life, the alien visitors select terrestrial sea-landings because it is their natural habitat.

Consider, now, the March 28 experience of Harry Allen and William Baxter while fishing in Morecambe Bay, England, with several Fleetwood fishermen. In Baxter's own words:

"I saw a sudden scurry of seabirds rise off the water, and Allen and I looked at a spot nearly a mile away. Out of the water there rose something large and black like a big post. It was at least eight or nine feet high, and it rose and fell three times, then disappeared."

As an observant world-traveler, the shocked Baxter admitted the object was totally unfamiliar.

Had its descent been witnessed in the daytime, it would have been an "airplane." At night - a "meteor."

"We think," says Russell, "that things which dive in arrival are equally likely to soar in departure."

Sound reasoning. Have ascensions, then, been observed? Though evidence is scarce, it does exist.

The August 23 Liverpool Echo told of a huge "waterspout" seen off Prestatyn, North Wales, around which the sea boiled. Note the fact that waterspouts off the British

coast are not at all common. As a footnote, during that same night, colored lights were seen passing over the Irish Sea. Could be a possible connection here.

Thousands of holiday-makers from Bexhill watched several huge "waterspouts" in the Channel. This was on September 2, and that same night unknown "planes" flew noisily over northern France. What were they, really? Conventional planes - or night-departing space-vessels?

Russell enlightens us with the statement that fast-soaring vertical lights (certainly not "planes"!) are called "distress rockets." However, many reports mention the fervent launching of lifeboats in response to rockets from . . . nowhere. Again, I ask: "Night-departing space-vessels?"

For a good account of a possible alien space craft in flight, let us do some quoting from Over The Border.

"British Daily Telegraph, July 29, 1938 - Most brilliant meteor seen for years flashes over New York. 'It afforded spectators a display of atmospheric fireworks of such brilliance that many thought a fireball had fallen, or that a plane had crashed in flames.' (We knew it - it just had to come!) Newspaper offices were deluged with calls reporting the incident. We've been deluged with newspapers reporting incidents.

"Mr. C. Federer, lecturer at the Hayden Planetarium, in Central Park, described the 'incident' as a long streak of white light tinged with blue, with a brilliant, glowing head. 'I could hardly believe my eyes!'

"That head ought to look somewhat fiery with braking rockets going full blast, but we thrust the thought aside. Momentarily, it is of far greater consequence to find the reason why a scientific lecturer should distrust his own optics when confronted by a 'meteor'.

"'It looked like a giant Roman candle,' declared our incredulous but welcome witness, 'or a rocket with a brilliant exhaust.'

"Behavior was rocketlike. The extra-mundane argonaut arced into the north-east at a speed reported as being between ten and thirty miles per second. It disappeared over the horizon, when a full-throated trump of its super-heated brakes made the press say, ' - when it appeared to explode, or at least throw off a violent shower of sparks.' "

Are the aliens responsible for the many ships that have untraceably vanished? Or derelict ships found with not a soul aboard?

On July 10, the British newspaper, Reynolds News, bore this headline, MYSTERY FORCE SENDS SHIPS TO DOOM NEAR LONELY ISLAND, and asks what mysterious and uncontrollable

forces lurk in the Atlantic? Forces so strong as to overcome well-found vessels in a manner that had them disappearing completely?

There were, for example, the German four-masted barque, Admiral Karpfanger, with sixty cadets on board, and a Finnish sailing ship, the Winterhurde. Both vanishments took place on the same course and in the same area.

Similarly, the Danish vessel, Kobenhavn, with seventy cadets aboard, vanished almost ten years earlier. Which led Russell to suggest that it looked like there existed an alien appetite for cadets.

Other ships that did a disappearing act in 1938 were:

In March: The sturdy, modernly-equipped vessel, Anglo-Australian, with thirty-eight aboard. The Mauritius steamer, Agnar.

In July: Reported the Daily Telegraph (see July 30 issue) that two men and two women had vanished from a drifting rowboat.

In August: The Norwegian steamer, Havmann. The Norwegian ship, Rundehorn, with eighteen aboard.

With all sails set, an empty boat washed ashore at Hayling Island, Hampshire. No sign, ever, of its five occupants.

Ditto many other small sailing vessels, yachts, etc, all during the fateful year, 1938.

Two more human disappearances, in this case Japanese divers

off the Australian coast. First one happened at the end of July, 1937.

The skipper of the Japanese pearly, Yamata Maru, dived to salvage shell from a sunken ship. When, eventually, he sent the haul-up signal, the crew pulled up his helmet and life line. Only that. Other divers descended, found nothing.

This account, which Russell thinks might have belonged to the Melbourne Leader, stated: "This adds one more to a series of mysterious disappearances which are terrifying divers off the Australian coast."

A year later, the British Sunday Times, had a similar story in the August 7, 1938 issue. From the lugger, Felton, a Japanese diver, Masao Matsumo by name, descended off Darnley Island, near Darwin, Northern Territory of Australia. The crew did his bidding when he signaled to be hauled up. But what they brought to the surface were three things. His helmet, his corselet, and a basket of pearl shells. Of Masao Matsumo, there was no sign. Other divers plunged below. Nothing further was found.

Does the answer lie in alien kidnappings? If so, for what purpose? Biological experimentation - zoological specimens - food? Or is the reason beyond human understanding?

Magazines in which Ray Palmer has had a hand have printed many

letters that can only be described as incredible. One such unforgettable letter in February, 1947 AMAZING STORIES produced exciting tremblings which still come to me in my reminiscings. Ace Baker of Oklahoma City, Oklahoma, wrote an eye-witness account of what seemed to be a space ship's take off on U.S. territory!

On September 22 (presumably of the year 1947), he visited a friend twelve miles east of Oklahoma City. Leaving about three p.m., he drove back home.

With half the distance covered, his car went dead, quite inexplicably, while he was passing a long, open field on his right. Baker pulled over to the side of the road as the car rolled to a stop.

Ignition trouble? Possibly. He got out, and while starting around to the right hand side of the car, he heard a noise. It was like . . . well, let him tell it:

"Like the low whine of an electric motor just starting up. I looked around trying to locate the source of the sound. It continued to grow in volume. I became alarmed as I could see nothing. From a whine the noise changed to a hissing scream. It sounded more like compressed air then, or gas at tremendous pressure escaping. Louder and louder the noise grew until it was a vibrating roar."

Then it happened. Out in the

field to Baker's right, and near the road, there rose in the air a great cloud of dust. Next came a deafening roar and, as he described it: "the invisible force or whatever it was took off like some titanic rocket toward the southwest. It crossed the highway on a 45 degree angle, throwing great clouds of dust up from the ground. Then it was gone, fading away like a whisper. I went home, bewildered."

On September 27, an item appeared on the front page of the Daily Oklahoman. Baker drove quickly to the west side of the city to investigate the report. A number of people were questioned by him in the vicinity who had seen and heard . . . something. Baker found that it was the same mystifying occurrence that he had himself witnessed on September 22, six miles east of the city.

As for the newspaper clipping referred to by Ace Baker, it tells of a mysterious noise which aroused the west side of Oklahoma City. Clouds of dust accompanied a deafening roar in a field near the 3400 block on N.W. 10th. To a filling station operator in the 3300 block, it looked like an airplane take-off a hundred yards from the highway. But none was visible.

One wonders about police opinion, and what they had to say on the matter. Was it that an alien

space ship, here on an exploring mission, was observed departing for its home planet somewhere in (or outside) our solar system? Oh no. They could not be expected to say anything like that. So what was the official statement? Merely that someone had tested an airplane motor in the field.

Few saucer fans will argue that the more exciting observations are those in which material substance of some kind were seen to fall from a UFO, and personally examined.

The most famous such case was the Maury Island affair of June 21, 1947, when a stationary, doughnut-shaped aircraft surrounded by five other circling ones, discharged what seemed like thousands of "a white type of very light-weight metal."

In my reminiscings, another case of a "discharging" saucer automatically comes to mind. It was described in June Laurie's article *Beyond The Sky* in September, 1949 *FANTASTIC ADVENTURES*, and never did receive the wide publicity it deserved. Here, then, is another airing of that true story.

Martin Lefebre, a French student, left the University of Lyon, France, after having attended a class in physics. Suddenly, on this warm, summer evening in 1934, he heard a wooshing sound aloft. Up jerked his head, and, in the

remarkably clear sky, he saw a dark, unrecognizable shape.

As it raced by, he noticed something else. An object was deposited from it. Next came a brief, not-intense flare of light, and the falling object headed straight for the ground.

Immediately he made for the spot of impact, or at least where he judged it to be.

This was easy, for the object was lying to one side of the white, concrete-surfaced road where, possibly, it had been aimed.

It proved to be a metal cylinder, eighteen inches long and about four inches in diameter. No markings or orifices were present.

Taking it home, Lefebre brought it to the University the next morning. The professors to whom he told his story scoffed. But he had irrefutable evidence - the cylinder itself.

A close examination of the metal showed it to be of an aluminum and copper alloy. But it was not in the proportions that are found in aircraft alloys or the like. Apparently, from its hardness, it had been heat-treated. That was all. Nothing further could be learned about it.

Local newspapers were informed of the goings-on by some student, and reporters were quick to build up an elaborate story about Lefebre and the "cylinder from the heavens."

When the story hit the newsstands, the response was immediate. Many people wrote in giving exact detailed descriptions of Lefebre's observation. None had seen the cylinder fall, but all had sighted the flash of light that had accompanied it.

For a while the matter was much discussed everywhere, and then, gradually, it quieted down.

The Martin Lefebre incident is not finished. Not quite. The final touch that adds weirdness to the whole affair came about one year later. For no apparent reason at all, the young French student committed suicide.

As all the cases just reminisced are on the serious side, let us end this article on a humorous note. To accomplish this, I need only relate an incident of August 1, 1957, in which I was personally involved.

It was around nine on that summery Thursday evening when my next door neighbor, knowing of my interest in astronomy, called on me to come outside.

"There's an object in the sky," she said excitedly. "It was just announced over the radio. No one seems to know what it is, and -"

I dashed into the back yard before she could finish, and there, directly overhead in the blue, twilit sky where twinkling stars would soon appear, was a brightly shining yellow light. Very impressive

it was. Glorious. Much more vivid than Venus at its very best.

At first I did not know what to think. Could it be a meteor? Meteor! Let us not be idiotic. Meteors just don't remain stationary in the sky. Or, to be more accurate, meteors don't move with the extreme slowness of this object.

How about a planet? More idiocy, for the simple reason that I happened to know that no planet which could be seen with the naked eye was presently in the zenith.

Then came the idea that it might be a weather balloon. This thought would never have occurred had the aerial object been cigar-shaped with unmistakable portholes. But it was nothing like that.

However, a man-made balloon was a distinct possibility.

My neighbor got me out of my daze by saying: "Your telescope -"

Of course! I shot into the house, grabbed my two and a half inch refractor, and was back in the yard seconds later.

Then came unwanted trouble.

One leg of the telescope's tripod was stuck. I began tugging to release it. No luck. I kept it up, fearful that at any moment the shining object might characteristically streak away into oblivion. After all, I was not positive it was a weather balloon. Maybe it was a flying saucer.

Meanwhile, the light was losing

its brilliancy, turning from a striking yellow to white because at its great height it was able to reflect the last rays of the setting sun. And, too, it was growing smaller as it seemingly rose higher. To make matters worse, clouds were moving in on the fast-darkening sky.

Something like near-panic gripped me. I desperately wanted to focus the object in my telescope, and the way things were working out, it looked like I might miss the golden opportunity.

Finally, I managed to fix the unyielding short leg of the tripod on a wooden crate. The remaining pair of extended legs rested on the ground. The whole contraption wobbled a good deal, much to my teeth-gritting dismay.

Then, to further my exasperation, the telescope itself was on the dusty side. The lenses were shamefully in need of a cleaning. Oh, I had neglected it badly.

Try as I did (and I tried!) I could not catch the object in the telescope. By this time the light could be barely seen with the unaided eye. Clouds began covering it briefly.

As more and more arrived, it was hidden for longer periods. A few drops of rain fell. It was a hot, sticky night. My back was already aching because of my cramped position in vertical sky-gazing.

And the mosquitos - I swear they were eating me alive! I had reached the end of my rope. I could take no more.

I fled indoors.

Seriously, though, a word about the over-bright object which remained above Toronto for a full two hours.

Our three local papers had write-ups on it the next day, all claiming that it was a U.S. Air Force weather balloon which had been launched in Japan.

Fred Turnbull, chief weather officer at Malton Airport just outside of Toronto, said the plastic, instrument-laden balloon was one of several expected to be released to gather data on stratospheric conditions. This in connection with the International Geophysical Year.

The balloon (200 feet in diameter and helium-filled) floated at heights ranging from 30,000 to 100,000 feet, or twenty miles.

Drifting lazily, it caused traffic jams in downtown Toronto. Thousands of citizens stopped on the streets to gape and point wonderingly upward. Baseball fans at the outdoor Maple Leaf Stadium divided their attention from the field to the sky.

What is my personal opinion of the bright object? I believe it was, in all probability, a United States weather balloon as officially announced.

MENACE OF THE BLACK SORCERERS

By George Cardinal LeGros

THIS ARTICLE will read like madness to all but SEARCH stalwarts and other Occult-minded thinkers. We hope no others see it.

Everyone acquainted with Esoteric Science knows about the "Brothers of the Shadow" - Black Magicians, Sorcerers, some with brilliant minds, vast knowledge, and immense power. Doomed to ultimate annihilation, and knowing it, they want to take us with them.

Fantastic as it sounds, the supreme ambition of the Black Lodge is to destroy the world, thus eliminating Globe D from the Planetary Chain. Our Earth is the most critical and important link

in the Chain because here alone the Monadic Host makes its great decisions. If the Black Adepts could destroy it, the progress of the Life-Wave would be halted, and monadic evolution thrown back billions of aeons.

Failing to accomplish this, the Black Lodge would settle for the elimination of all life on the planet through extensive thermonuclear warfare which would render Earth uninhabitable for thousands of years.

The Adepts of the Black Brotherhood and the Chohans of Conscious Evil need no physical-plane planet for their dwelling place. They can live as comfortably on



the Astral until the Planetary-Chain goes into Pralaya and annihilation claims them.

Apparently the present period of the Kali Yuga offers them the best opportunity since the Fourth Round began to attempt all-out planetary destruction, there being no evidence in the Occult Records of anything like nuclear fission being known to the Atlanteans.

Inexorably committed to world destruction, they employ every

possible means to expedite that end. It is well known that they implanted in the power-mad minds of our scientists the revolutionary ideas which led to the discovery of those lethal forces which now imperil mankind.

It is also known that they influence, and in many instances hypnotically control, the minds of certain financiers, statesmen, and militarists who constitute what is known as "The Council of Lost

Souls" or the "Illuminati" - an international body holding the Free World in financial and economic bondage, dictating its policies, and working to establish a One World Government with its chiefs in command. Towards this end, it foments wars, revolutions and uprisings which keep the world in turmoil and misery.

It is inconceivable, for example, that the brilliant daring and diabolical machinations of Khrushchev could possibly originate in his irrational, peasant brain, or in the brains of his agenda. These paranoids are puppets, manipulated by satanic intelligences behind the scenes.

We can observe their dread influence on world affairs in our earliest records, and follow their omnipresent shadow through the blood-drenched histories of Egypt, Rome, the Middle Ages, down to World Wars I and II, Korea, and now in Cuba. They inspired the Illuminati to maneuver the U.S.A. into helping overthrow Batista's anti-Communist regime, and install the psychopath Castro as dictator, then lulled Washington to sleep until Russia established a missile base 90 miles from Florida. And then, at the zero hour, Kennedy, yielding to outraged public opinion, declared a blockade which challenged the retaliatory might of the red nation.

As far back as January 1962 it

was commonly known that Russia was installing nuclear missile launching platforms in Cuba - above ground and underground. Our Samos reconnaissance satellites had been relaying to U.S.A. "read-out" stations excellent photographs of the project. But they have not revealed that the underground platforms are not still there!

The Illuminati is not infallible and did not foresee this last move on the part of the U.S.A. - the blockade - but the Black Lodge did. The Illuminati believed, or hoped, that we would tolerate the Russian Cuban base - a key factor in the encirclement of North America which is one of their priority projects. The Black Adepts, having engineered the whole thing, hoped that the President's forced move would precipitate World War III and make their terrible dream come true.

It thus becomes clear that the inexplicable and apparently insane actions, and inactions, on the part of nations can be explained only by Occultism. No nation in the world, except Red China, wants a thermonuclear war. But the leaders of nations are in the grip of the Illuminati, which in turn is controlled by the implacable Sorcerers.

An important point to remember is that the Illuminati wants to enslave and rule the world, not

destroy it. Its members are human, or sub-human, beings and love life. But the self-doomed Adepts of the Shadow, knowing that their end is extinction, want it also for us and the world.

The Illuminati is one of the facts of life. That you may not know about it is not surprising because it spends vast sums and labors night and day to keep you from knowing. Only through secrecy can it hope to realize its fantastic dream.

Every town, city, state, and nation since time began has had its ruling hierarchy, or "Illuminati"; and it follows that civilization itself, en masse, is dominated by an international combine comprising some of the world's greatest financiers, industrialists, scientists, militarists and political leaders. As such, it operates as an invisible but virtually all-powerful government-within-governments.

Its aim is the subjection of all mankind to its sovereign tyranny. Towards this end it has labored through the ages, spiriting its agents into the chancelleries of many countries, and controlling their policies.

The overall strategy of the international plotters is to create strife, promote anarchy and revolution, set race against race, the masses against the classes, worker against employer, and the have-nots against the haves. Their chief

weapons are confusion, ignorance, terror, and threats of destruction.

Capitalism, Communism, the Labor Movement - all are used with equal ruthlessness to promote their ends. They are on the alert to use anything and anyone. History reveals that Napoleon, Lenin and Hitler, like hundreds of other powerful men of destiny, were their tools. Become powerful enough and they'll contact you.

The Illuminati has no connection whatsoever with the fictional "Jewish Peril." There is no more of a "Jewish Peril" than there is an "Eskimo Peril." There are, of course, Semites in the Illuminati. There are also Anglo-Saxons, Teutons, Slavs, Latins, Mongolians, and maybe Hottentots. The Illuminati does not champion any race, nationality, creed, or movement. It works only for itself, and for one purpose - the subjection of everyone to its Machiavellian purpose.

The International Communist Conspiracy is not a thing in itself: an independent growth. It is the child of the Illuminati masterminds, and their chief tool at the present time. When Czar Nicholas saw through their schemes, and refused to co-operate, they had him and his family murdered, and launched the Russian Revolution, which became the first link in the massive chain of terror now encircling the earth. They are wait-

ing for Communism to take over the world; then they will take over Communism.

Lenin and Trotsky were selected and employed by them to overthrow the Russian Imperial Government; and the Kuhn-Loeb banking house of New York placed \$50,000,000 to their credit in the Bank of Sweden. Through them the Illuminati organized and directed the Russian Revolution in order to obtain dominion over a vast territory and use it for totalitarian experimentation. In September 1918 Lenin emerged from the chaos which followed as the supreme ruler of the New Russia, but only after millions of Russians had been tortured and murdered, and some 12 million others condemned to forced labor for life.

This brings us to the subject of Money which, on the material plane, is the power that rules the world. For ages gold has been the foundation of sound currency within nations and between nations. It provides a fixed monetary standard by which national bankruptcy, deterioration of credit, and unrestrained inflation can be avoided.

Many of us think that the gold buried at Fort Knox is a secure protection for our paper dollars. But only a fraction of the gold belongs to our Government. Theoretically, none of it is ours. It is phantom gold. During the past ten years over \$8 billion has been

shipped abroad. Claimants outside the U.S.A. can demand gold for their paper money whenever they wish, but we can't. If enough of them were to exercise their right to demand gold for their claims against us, our entire financial structure would crash overnight.

Today we have only \$16 billion in gold left, and are required to set aside \$11 billion to support our circulating money. Thus our "free gold" amounts to only \$5 billion. Of some \$56 billion in money given away in Foreign Aid, more than \$24 billion has been used to purchase American industrial properties and American Bonds redeemable in gold. These holdings place the foreign interests in a powerful position to blackmail our government and drive us to economic ruin.

The U.S.A. is a rich gold-producing country, but is mining almost no gold. Our government requires that all mined gold be sold to the Treasury at the 1934 price of \$35.00 per ounce, although the costs of mining have increased several hundred per cent in the meantime, making it impossible for mine owners to hire labor, buy machinery, and meet other costs if they must sell gold at 1934 prices. In Alaska and our Western States 9,000 gold mines now stand idle.

The only safe and sure way to strengthen our money system is

by increasing our supply of monetary gold, and by returning to the gold standard which should never have been abandoned. In practical politics, there are only two choices: a return to the free ownership and mining of gold, or repudiation. Today, as you read these lines, the Swiss banks are pressuring President Kennedy to devalue the dollar.

As Karl Marx well knew, the first step toward the enslavement of a nation is the control of its money. And it is now history that the Illuminati succeeded in infiltrating its agents into both houses of Congress and inducing President Wilson to sign into law the Federal Reserve Act of December 23rd, 1913, thus bringing to an end all government control of our money.

The majority of American people believe that the Federal Reserve System is a United States Government-owned Agency, but it is not. All stock of the Federal Reserve Banks is owned by member banks, and the heads of these member banks are agents of the Illuminati, most of them being of foreign birth.

The brilliant criminal minds of this international cabal then seized virtually complete control of our monetary resources by hoodwinking even the honest members of Congress into granting unlimited taxing powers in the 16th Amendment (the Income Tax Law). There-

fore, during World War II, President Roosevelt was able to apply a TWENTY PER CENT "withholding" tax on small wage earners, and up to NINETY PER CENT on higher incomes - thus enacting into law a process of confiscation which is legalized banditry.

Our present Income Tax Law is strictly in line with one of the major planks in Karl Marx's "Communist Manifesto" which calls for a GRADUATED INCOME TAX for the confiscation of all personal income and the elimination of private property as a necessary step toward the establishment of a World Socialist State.

In 1934, Roosevelt abolished the Gold Standard, thus confiscating 40% of the savings and investments of every U.S.A. citizen, and initiating a program of inflation under an irredeemable currency which has brought us to the brink of economic catastrophe.

Roosevelt's "New Deal" represented full government control of every phase of life, with an elite of non-elected bureaucrats distributing the earned income of the nation's working citizens to those who could not or would not work.

This political paternalism is weakening the nation. We are being conditioned to vote ourselves money out of the public treasury, to rely upon the government for employment, security and ease.

But government cannot give of itself; what it gives to one it must take from another. Worse, both political parties are now controlled by men who seek to give their constituency what they have been taught to demand - tax money, taken from other people's pockets. Therefore, honest, responsible men are no longer attracted to public office. Which is exactly what the Illuminati, and their tool, the Communist Conspiracy, planned.

Much that happened was inspired by Harry Dexter White, a Soviet agent who, incredibly enough, actually ran the U.S.A. Treasury Department for several years during and after World War II. By his orders, all of our gold mining equipment was shipped to Russia and installed in Siberian gold mines worked by slave labor. Since then, the Russians have mined, bought, and hoarded gold against the time when other nations having no gold, and ours gone and our currency worthless, the Illuminati, through them will control the economy of the world.

This article is not intended to be political propaganda. What we are writing about transcends politics, and is a thousand times worse. It would disfranchise man not only of his right to vote, but to think, to feel, to be a human being. It would reduce him to a robot, indoctrinated with the in-

sane idea that his sole purpose in living is to work like a slave and die like a beast for the greater glory of a hierarchy of lunatics.

No, we ignore politics completely. All Political Parties are alike beholden to, and at the mercy of, an assembly of lost souls whose might has shaken and crumbled empire after empire, down through the centuries.

It is this Infernal Thing - stark, black and terrible - whose giant shadow hovers like a cowl of Death over both hemispheres. It is THIS that we are talking about because only by knowing the true source of our peril, the magnitude of its horror, and the colossal threat it implies, can we call forth from within ourselves a new strength and a greater resolve to disseminate among men that Truth which is Power - Power to turn back darkness and break all demon-thrones!

Only with TRUTH - the whole TRUTH and nothing but the TRUTH - can we cope with the Four Horsemen of the Apocalypse, whose fire-veined steeds - blood-brothers to the nuclear Dragon of Death - need only a touch of the spur to send them thundering across the world. Brave old world! - can you survive the slashing of those hooves, or must we say to you (we who are left): Requiescat in pace, in the black sunset of humanity?

PRYING INTO THE UNKNOWN

By
Will Carson
and
Jeannie Joy

IT'S ONLY recently that a concerted effort has been initiated to investigate and correlate the archeological, geological and anthropological mysteries that center in this Great Basin area. While we cannot forget the postulation of J.J. Coupling in his MR. KINKAID'S PASTS (Magazine of Fantasy & Science Fiction, Aug. 1953) that, as Heisenberg's uncertainty principle asserts there is no pre-destined future, perhaps there is no unique past, we can be sure that what will be established as having existed and/or occurred will be unique beside our conventional preconceptions.

Leland Lovelace, in his book LOST MINES AND HIDDEN TREASURES (The Naylor Co., San Antonio, Texas) tells of the discovery by two prospectors several

years ago of a series of caves in the mountains of southwestern Nevada in which they found "furniture of an immense size, as if built for giants" and dishes made of gold and some other metal, apparently of an imperishable alloy, all having evidence of being undisturbed for countless centuries.

And in 1904 a man known as J.C. Brown discovered in the slopes of the Cascade Mountains an ancient tunnel cut into solid rock, "lined with tempered copper and hung with shields and wall-pieces made of gold." Other rooms deeper in the tunnel contained similar objects, some carved with drawings and hieroglyphics comparable to Churchward's Lemurian art. The floor of these caves were strewn with the bones of giant humans.

We should stress that these are not wild-haired tales but facts

corroborated from various sources. It is a matter of record that in 1934, when J.C. Brown tried to recover the ancient treasure which circumstance had forced him to abandon 30 years earlier, he disappeared without a trace.

We were hoping in this issue to bring you a first-hand account of a man who, according to our most reliable informant, may have stumbled onto a related or similar find to the above. We are not, however, complete masters of our activities and a full report on this will have to be postponed until circumstance favors it.

We do know that the man is an expert "diviner" and has developed an ingenious "detector" which is not only adaptable to water and all minerals, but assertedly will react to animal substance as well, even indicating sex.

If this device works as accurately as provable tests seem to have borne out, evidently an extremely ancient sailing vessel has been detected lying buried about 300 feet beneath the California desert, along with crew and/or passengers, of both sexes, obviously clad in silk and in armor of a metal like titanium.

A rather sketchy report; yet, in view of past proven discoveries, we have no reason to doubt these claims. And how many "official" and therefore private discoveries of strange things have been made

in this area to inspire a concerted scientific investigation? We hope the persons who are given this responsibility will not try to "protect" us from exposure to anything too controversial or scientifically iconoclastic they may uncover. Like substantiation of Lemuria . . . or even Shaver.

What disposition would they make of the following?

MUSIC FROM ANOTHER WORLD

It has always been a mystery to us in the first place how Mr. and Mrs. P.E. can find and afford the time to do the sort of things most of us only dream of doing. After knowing them for more than fifteen years, it is inconceivable to suspect their integrity or sanity - and yet they impose the following excise upon our credulity . . .

While exploring for petroglyphs in the Casa Diablo vicinity, north of Bishop, California, Mr. & Mrs. P.E. came upon a circular hole in the ground, about nine feet in diameter, which exuded a sulphurous steam and seemed recently to have been filled with hot water. A few feet from the surface the shaft took a tangent course which looked easily accessible and, upon an impulse with which we cannot sympathize, the dauntless E.'s, armed only with a flashlight, forthwith crawled down into that hole.

At a depth we've failed to record the oblique tunnel opened in

to a horizontal corridor whose dripping walls, though now encrusted with minerals, could only have been carved by human hands, countless ages ago - of this the E.'s felt certain. The end of the short passage was blocked by what seemed to be a huge doorway of solid rock which, however, wouldn't yield. The light of their flash was turned to a corner where water dripped from a protuberance - which proved to be a delicately carved face, distorted now by the crystallized minerals, and from whose gaping mouth the water issued.

As Mr. and Mrs. E. stood there in silent awe - wondering what lay behind that immovable door - the strangest thing of all happened . . . but our chronology will not be incorrect if we wait till they return to the surface before revealing this, for now the water began gushing from the carved mouth and from other unseen ducts elsewhere in that cave and rising at an alarming rate!

They hurried to the surface, and in less than half an hour there was only a quite ordinary appearing pool of warm mineral water on the desert floor.

"Do you know," Mrs. E. said to her husband, "while I stood down there I heard music - the strangest, most weird music I'd ever heard. But it seemed to come from everywhere at once, or in-

side my own head. I guess it was just my imagination."

Mr. E. turned pale. "My God," he said; I thought it was MY imagination, but I heard it, too - like music from some other world!"

Why do they call that rock formation near where the E.'s had their strange experience Casa Diablo - the Devil's house? And why did the Indians name that area Inyo - dwelling place of a great spirit?

BODY AND SOUL

It's probably only an annoying coincidence (or is it?) but after having it occur no less than EIGHT TIMES, in this case we are not going to discard or revise what we've already prepared simply because someone in the latest issue of SEARCH has beaten us to the punch (and always so much better!). This time it was Harry W. Evans in his Reincarnation and Nonsense - More About It (Oct. '62). The parallel in our thinking at one point will be obvious but we trust the following can be presented without the risk of running the subject into the ground. We were saying . . .

We cannot see for the life of us what earthly, or heavenly, good repeated encores of the flesh would be to us if we couldn't remember from one incarnation to the next. What good is a lesson if you don't remember it? Or is the reincar-

nation theory that after the soul has graduated permanently from the flesh then only will it remember all the lessons learned in the different lifetimes - and you'll awake to find yourself suddenly a fully educated spirit? If so, then we're in no position to argue! (But we can and do nurse a private opinion.)

Physical perpetuation through plain old parturition serves the survival urge just as well as the prospect of reincarnating in some other body and never knowing who you were previously. Isn't there just as much of YOU in your progeny as there would be in some other body which is unaware that THIS YOU ever existed?

Did you ever try to sum up all those aspects of life which would be of no value . . . indeed, do not exist beyond the physical world? Try it. You'll find very little left to "take with you"! Even that noblest of all emotions, LOVE, is intrinsically involved with functions that are purely chemical. Like the love between man and woman. The only love that can be immortal then must be fleshless (selfless) love . . . call it "pure love."

It seems that another of the rare commodities which are of the soul and therefore possibly immortal is the "esthetic sense." Yet strip away the physical things that ROUSE our esthetic sense - music, poetry, scenery, etc. - and

all we've got left is a potential. And it seems a whole lot to us like the same stuff of the above mentioned "pure love."

Awareness comes to us via the five conventional bodily senses; memory, in which the brain plays a major, if not exclusive role; imagination, which is a reaction to memory and the senses; and finally extra-sensory perceptions, so-called, and which are the only contact with the physical world we can imagine as workable without a physical body.

How much of the awareness which is YOU is merely a reaction to external stimuli?

Imagine yourself totally unable to see, hear, feel, smell or taste - but still alive. Experiment with partial such isolation demonstrates that you would quickly go insane, but let's imagine you've been given some drug to prevent this and, although your body is in the above described condition, your mind remains as level as it is now. You would have no external way of knowing where you were, what position your body was in, what was being done to it, how much time had lapsed and was passing. You would have recourse only to whatever memories you brought with you into this limbo and whatever thoughts you might cast from these; and those perceptions which might come to you by way of another dimension.

Let's say you knew you would have to spend the rest of your physical existence in this state... and there was nothing to do but make the best of it! What would you have to make the best of?

A ridiculous question, yes; but remember: at death - if you survive - you will have no more, and probably less, than this FROM THE PHYSICAL WORLD to take with you!

It seems more logical than not we are born without a soul, or at least with only the nucleus or potential of a soul and whether or not we develop it through the cultivation of those aspects of life which are immortal is up to us. Further, it may be possible that when our "soul" (in this case referring to that part of us which may be deathless) reaches a certain stage of development, it may not have to wait for the body to die but may precede the latter into the "Whatevrafter," leaving the body soulless but still animated. Have you never seen an aged person who has become childish, vacuous or full of hatred whom you had known formerly to have been intelligent, kindly and full of love?

You may ask: What about persons who die or are killed before they have a chance to develop their souls?

Perhaps we put to much stress on the idea of individuality. Our 3-dimensional bodies may appear

to be separate entities at each "point" in time, but if the ESSENTIAL part of us which is immortal is only a part of a common ESSENTIALNESS, to which we all belong, then the "lessons" that might be learned by souls in the carnate are not for the benefit of any individual soul but for the common good of that "common ESSENTIALNESS" which is ALL OF US - which all of us IS.

It follows then (in answer to the above question) that if a person dies or is killed before he has a chance to "develop his soul" - which is merely his allotted portion of the "common essentialness" - it does not mean that he, as an individual island unto himself has been cheated of his chance to "develop his soul", but only that the "common immortal essentialness" which belongs to all of us has missed a chance at some physical experience . . . which couldn't have been terribly important to it (us) anyway!

And if the self-awareness of the individual upon physical death becomes (reverts to) ALL-AWARENESS, where is the tragedy in a "life cut short?"

The foregoing, to us, seems to satisfy even better Reincarnation's attempt to write DIVINE JUSTICE into our contract with LIFE.

SOMEONE SOMEWHERE ELSE

One night in the summer of 1951 the man we here shall refer

to as D.S. went to bed at his habitual time in his own bed after his usual ONE nightcap, but when he awoke in the morning he found himself in a strange bed in a room he had never seen before.

A cool-headed man, he didn't get too excited at first, figuring there was some simple solution to the startling circumstance which momentarily had slipped his mind. But then he glanced out the window, and what he saw brought him bolting out of bed. D.S. had been born and reared in Chicago, Illinois, and he had never been out of that prairie state, but now beyond this window he saw SNOWCAPPED MOUNTAINS!

The only logic he could grasp in that moment of panic was that he had been "put under" during his sleep and abducted . . . little sense as that made, for D.S. was only an average salaried working man. He rushed through the open door, only to enter other strange rooms of what seemed to be some wealthy bachelor's weekend hideaway, and although later unable clearly to recall details, he felt certain it was someplace in North America (contemporary, incidentally).

Again he noticed the mountainous landscape beyond the windows; but in the next moment his eye was startled by a movement and he spun around to find himself staring through a framed rectangle in the

wall at a strange man clad in red-striped pajamas . . . and then a half hysterical cry broke from his lips, and the expression of disbelief was reflected on the strange man's face, as D.S. realized he was looking into a mirror!

He fainted, and when he awoke he was back in his own room - but not in bed: He was on the floor in front of the wall mirror.

In issue No. 1 of "Prying" W.C. relates a similar experience that occurred to him when he was a child - awakening to find himself on a strange cot in an unfamiliar room; and although that was the extent of it, it was enough to convince him that such things can and do happen. He's certain it wasn't a dream.

D.S. is equally certain his strange experience was no dream, for it was one of the first things that occurred to him upon awakening in the wrong bed. And now he spends as much time as possible traveling through the mountainous regions of the U.S. and Canada hoping someday to find the man who looked out at him from the mirror. He wonders - as we do - if that man had a similar experience one day in 1951.

"TREASURE MAPPING"

Everyone probably dreams someday of owning their own home, and Mr. and Mrs. C. have been no exception. Having read Dorothy Spence Lauer's column in the Aug.

'62 issue of SEARCH, where she prescribes "treasure mapping" as method of bringing desires to fruition, they went a step further and began construction of a small-scale model of the "dream home" they hoped someday in the far distant future to be able to afford. They didn't even have time to complete their 3-dimensional "treasure map." They are now - hardly a month later - living in the full-scale reality of that dream home, and it's completely paid for!

But there is a further reason the C.'s refer to it as a "dream house". Immediately after purchasing it, Mrs. C. had a dream in which a deceased aunt appeared and told her that a member of the family was ill. Upon awakening, Mrs. C. - knowing from experience that such dreams are not to be taken lightly - wrote to her mother asking if all the family was all right. In that same letter she told her mother for the first time about the new home they had acquired. The same day Mrs. C. mailed that letter she received one from her mother stating that "Uncle H." had suffered a heart attack . . . and in that same letter Mrs. C.'s mother told of a dream SHE had had the night before - THAT MR. AND MRS. C. HAD MOVED INTO A BIG, BEAUTIFUL HOME.

WINDOWS INTO HEAVEN?

We know from personal experience, as well as having seen

the results of laboratory experiment, that the future CAN be foreseen. We wonder then how many "dreams" or "visions" of "Heaven" are actual psychic glimpses of the Hereafter - and thus PROOF that we DO survive physical death! It must be the ultimate goal of Parapsychology to "tame" "wild talents" - to be able to control the phenomena if possible, and to be able to identify pure fancy from an authentic case of ESP. If this goal ever is achieved, then actual proof of survival may be its fruit.

(Readers of this column should bear in mind that its authors are only "thinking out loud" and do not offer any of the material as authoritative (except in the case of personal experiences). These mental excursions merely are to stimulate the thinking process both in reader and writer. If anything here presented happens to hit the nail on the head or contributes anything more than encouragement toward our common search for needles of truth in the haystack of life, so much the better! But we do not offer it with any guarantee that such ever may prove the case. This applies in particular to the following.)

ARE YOU FROM MARS?

Soviet scientists recently have breathed new life into the old science fiction staple regarding the idea of invasion from Mars. Their

hardly equivocal contention that the two Martian satellites, Phobos and Deimos, are not natural "moons" but abandoned artificial space stations by way of which the inhabitants of a "dying" planet may have fled, or attempted to flee, to some more salutary world leaves us with the tantalizing question: "If SO, then where TO?"

We realize, of course, that no reputable scientist, Russian or otherwise, would dare venture aloud the obvious guess at the answer to that, without substantial evidence to back him. But we have no reputation at stake and are free to speculate aloud - as we'd bet many men of Science are doing in secret!

First of all, let's take a brief look at the established facts upon which the Soviet-accredited theory is based.

It is known that the two Martian "moons" neither resemble nor behave like any other known satellites in the solar system. For one thing, they revolve in exactly opposite directions, Phobos at an altitude of only 3,700 miles, Deimos at 12,500 miles - still incredibly close for a natural moon. For another thing, both orbits are directly above Mars' equator; and not only are they relatively small - Phobos with a diameter of only 10 miles, and Deimos exactly HALF that size - but the mass of both is so low that they either

must be hollow or constructed of some highly porous material.

No one we know actually has been there to determine these characteristics first hand, but if we can put any credence at all in present day scientific method we must agree that neither Phobos nor Deimos seem, from the accepted calculations, to bear the credentials of natural satellites.

So much has preceded this writing regarding the Martian canals that we'll only add the comment that, in spite of the currently accepted conclusion that these markings are some natural formation, we personally have seen and heard more evidence to the proposition that they COULD NOT have been formed by any natural force. Neither should it be necessary here to review the further established facts supporting the idea of Mars once having a tenable atmosphere, hence tenants, and conceivably intelligent ones.

We can easily predict, too, how a similar atmospheric "decay" may some day occur on Earth, forcing us to abandon her - or suffocate. And at present it seems that our best bet for a new home to move to might lie with Earth's pretty young sister, Venus . . . if she, by that time, should have grown up and become an inhabitable planet (which she, at present, doesn't SEEM to be). As for size and predictable average tempera-

ture, Venus even now is comparable to Earth. Gravity would be slightly less than we're accustomed to - and this could only be an advantage to survivors of some future space hegira.

But what if refugees from a planet no larger than Mars (about half as big as Earth) were forced to make Earth their new home?

With no more data than we have to go on we can only draw certain postulations and limitations to our imaginings, if we hope to reach any formal supposition. We will assume, therefore, that at one time Mars' climate and atmosphere WAS comparable to Earth's and that inhabitants thereof had evolved into beings similar to us - but not identical, for the lesser gravity of Mars would have most likely influenced a lighter muscular structure than that of Terrans. But if their respiratory requirements were anywhere similar to our's (and discounting any artificial means they may have contrived to sustain themselves after the natural atmosphere passed the critical point, and for how long) the time of their deadline (to leave Mars, or else ...) seems to have been sometime in our prehistoric era. This, of course, is presuming "natural" deterioration of their planet's atmosphere, which process is extremely slow, and not taking into account the possibility of some catastrophe -

either natural or Martian-made - which might have precipitated the planet's "death."

The latter would give us a pretty free hand at placing the time of the Martians' arrival, and we can find throughout mythology, ancient history, Biblical lore, folklore, etc., possible clues to this event and subsequent results. We might, for instance, wonder why the ancients called Mars "the bringer of war," and imagine these intellectually superior but greatly outnumbered and physically outclassed refugees from space trying to establish a base of survival among the hordes of half-savage, superstitious Terrans! Perhaps the gods on Mt. Olympus were the entrenched Martians. The field for speculation is almost unlimited here!

But let's go back to the more likely (we think) "natural" decay of Mars' atmosphere. If our analyses of its current composition are correct - as well as our theory on the rate of atmospheric escape - the Martian atmosphere would have passed the point of being tenable to carbon-organic life millions of years ago.

Now let's picture our technologically sophisticated but physically weak (by earth standards) Martians landing on the Earth of several million years ago. If they survived at all it would have to have been through the exercise of

sheer cunning. But even the most intelligent being, forced to submit to the constant, inescapable oppression of THREE TIMES their accustomed gravity hardly could be expected to thrive! It is far more likely they would degenerate.

At least until through the gradual process of hereditary evolution their bodies adjusted to the new environment . . . in this case, the development of muscular structures which could withstand the crush of gravity. But by then, it can well be imagined, any remembrance or semblance of the pioneers who first made landfall could long have been lost in the almost unbearable task of merely surviving.

And now we should like to call onto the stage Mr. Pithecanthropus Erectus, known familiarly as Java Man.

Nothing personal against the

gentlemen himself, he merely is typical of early Terrans. Look this reconstructed fellow over carefully - the dazed look of a man only just recovering from a stunning blow, only just having found the strength again to rise to his feet - the arthritic joints of a person whose lineage is from a much drier climate forced to dwell in a world whose major element is water - the sluggish brute muscles that hardly suggest he ever did or ever could move very rapidly, which in those days - unless you were bigger than most everything else, or had an external skeleton - was essential to survival. Look at this pitiful wretch of a man-thing and tell us with positive conviction that the lineage of all mankind on Earth could not possibly be traced to the red planet - the mysterious planet - Mars.



MONEY FROM THE UNSEEN WORLD

IT WAS close to 11 A.M. and I was on my way to visit Mom.

The short distance between her place and mine was being quickly traversed (partly because I was running most of the way). I had gone across the little park on the Square off 72nd St. and felt very happy to notice the happy expressions in the wrinkled but radiant faces of people taking the sun. A moment later I felt very depressed. I had been thinking of the previous

night, when my friend George had come to borrow money and I had not been able to help him.

George had told me that he had an audition for a job, but didn't have the money to take his suit out of the cleaners. I told him that my sister's fiance had also asked me for money to keep a doctor's appointment and I had not been able to help him either. My ex-roommate's rent was long overdue and he had asked me for a temporary loan also.

I was lost in my wishful thinking and was wondering how I could get some money to help them out when I noticed a bundle of money taking shape right in front of my eyes. I moved toward it like a needle being pulled to a magnet.

I didn't look around but (somehow) I felt the presence of a young and beautiful girl by my side.

The sidewalk where the money lay was radiant with sunshine. The early Sunday crowd was all about me and the money, and yet no one seemed to notice the money that was there for the taking. Without

By Persian High

missing a step I bent down, took the money (hoping nobody would stop me and ask for it), and quickened my steps.

I felt that the people sitting on the benches taking the morning sun were laughing at/or with me. I hurried more and more until I almost flew the rest of the way. When I turned around the block and headed for my mother's place I became aware of the very same girl that I had seen five blocks behind me. Funny, she was not running, but she got there as fast if not faster than I. I slowed down to catch my breath and saw George coming down the block. I waited for him to be near me and tried to tell him about my fortune. I opened my mouth, but nothing came out.

"Manny," George cried out, "you look like you have seen a ghost!"

I didn't answer, but took a five-dollar bill out of the neatly folded pack I had found and handed it to him. It was his turn to be speechless.

"Now you can keep your audition," I said as I began to run again.

When my mother saw me come into the house she thought I was sick. I still was white as a sheet. She closed the door after looking in the hallway to see who had accompanied me (she thought, she had seen a young girl following me).

I put the money on the kitchen table and without a word I watched her reaction. I broke into a nervous laughter.

"You found it?" she cried out. As happy as I was, my laughter turned into tears and we, my mother, sister and I were reverently silent for some time after.

The money left my hands as fast as it had come to them, but as a result of this, my friend George was able to keep his audition appointment (he got the job in a reputable night-club). My sister's fiance kept his appointment with the doctor, and my ex-roommate caught up with the rent. After I distributed the exact amounts to each one of my needy friends there was not a penny left for me, but I felt as happy as if I had inherited a fortune.

When I returned home, I went through the same little park I had crossed before. The same people were sitting in the same benches, but their faces no longer seemed illuminated with the light that had shone earlier that day.

As I walked out of the little park, I felt the bright presence of the beautiful girl who had made it possible for my friends to get some money when they needed it most.

On many occasions I have been able to notice this spirit near or around me, but never has she let me see her face to face.

YOUR FUTURE

BY

DOROTHY

SPENCE

LAUER

Predictions of the future by the ability known as psychometry. She can find lost objects, determine the state of your health, predict your future. Try her, and see.



TO THE MANY people who write to me, every analysis is worked out personally for you, and written only by me. The reason that I dictate these on tape and have my secretary send them to you is because of the volume of mail I receive. Many times I hold up your requests because I want to feel perfectly sure that I have a clear picture of your situation. So have a little patience if some time elapses. Remember, each analysis is done personally

for you, and what I send is for you, and you alone.

Also with regard to letters which I have received, especially in answer to the one which was sent to me wherein Ray Palmer was accused of being a disembodied spirit, I received another letter from the person who encountered Mr. Palmer and, upon meeting him, expressed his idea of doubt that he was Ray Palmer and asked him who he really was. The person who wrote this did not

appear to have very good perspective about anyone, and therefore, I did not answer the letter, but merely laid it aside. Such letters do not deserve the dignity of an answer and will not receive one.

Now for the future of the world in general. Very many people will again become apprehensive over the situation with Russia. Mr. K. will say many things which will startle everyone, but none of these threats will be carried out. In this, he is almost like the barking dog who never bites. Things will work out better for us than we realize where Russia is concerned. The Kremlin will never rule the United States, and anyone who says this is very wrong and merely helping Russian propaganda to circulate.

There are indications that there will be some trouble where Africa is concerned. Cuba, too, is going to come to the foreground, as it has in the past, and I hope we have learned that, except where the interest of the United States is directly concerned, we should allow these countries to work out their own problems. Naturally, however, if our nation should be asked to help, we should stand ready to do whatever we can.

Fear of War will still be prevalent, but, as I have said before, I do not see this as a probability in the near future.

There will be more robberies

committed than ever before, and a certain restlessness will take hold of people, but remember, this is going to be of short duration and people should not panic or make impulsive changes or moves.

Several world-renowned figures will pass away. One will be an actress who has gained great popularity. In spite of this, however, she is a very unhappy person and always has been. Therefore, death will be welcomed by her.

I feel there will be a relaxation of restrictions on loans, and small businesses will be encouraged to continue and, in some instances, to expand. The stock market may have a slightly over-average fluctuation, and during slump periods, there are many who will panic. But, there is really no need for this since it appears probable that it will eventually stabilize at a higher point than has ever been reached before. General panic at a low point, however, could cause quite a catastrophe.

To the people who were born under the sign of Leo, this time, I feel they are ending a seven year cycle. There will be many new paths opening for them. There will be many good things lying ahead for them. Doors which have been closed to them will be opened. Any property now owned by those born under the sign of Leo should be taken care of at this time as,

due to an unforeseen action on their part, someone, either relative or friend may try to talk them into something they would regret. Unless extreme caution is used, they could be persuaded even to the point of selling property in order to go into a venture which would prove worthless.

All Pisces should be careful in dealing with matters of an emotional nature, and it may pay Pisces to cut off any relationship which causes them to be miserable and emotionally upset in that person's presence.

Saggitarians are going to find also that there are many changes in their lives. Some may be quite drastic, but in the end they will prove beneficial for Saggitarians.

Taurus people may find that associations which have not brought happiness in the past will come to an end, and it will be just as well so.

Gemini should not get so mixed up that they don't know whether they're coming or going, especially Gemini business men. Otherwise, they're going to find that audits of books, let us say, may come about through agencies of government, causing them some painful thoughts about what they should do concerning what they would later term, "foolish actions."

Aries people should watch out for losses due to speculation, and placing too much trust in people

who do not deserve it. They will have to say "No" to lending money.

Cancer people are going to find that many unexpected things will happen during the month ahead. Many will move and will go to different cities or states, or visit their homelands. There are going to be both business and social affairs with brothers, sisters, or anyone connected with them. I also seem to feel that many Cancer people will leave the entire location here and settle elsewhere, but it will be a good move and one which will not be regretted.

Libras should be careful that they are not acting against their own good. In other words, they may have to watch their judgment where people are concerned, where correspondence is concerned. They could be their own worst enemy.

Scorpios may find things rather difficult, and a person in their lives, who appears younger, could be very domineering and may have to be dealt with in a severe manner.

Many Capricorns are going to find that they are going to have to make sudden decisions. They may have to move from present surroundings, and they may dislike this and revolt against these changes. But, as they acclimate themselves to these new locations, they too, as the Cancer people do, will find that many good things lie ahead for them.

Aquarians are going to find that

partnerships will be offered to them. Better things seem to be ahead for them, but they must not be so stubborn that they do not realize that many times they hurt others by saying things which they do not actually mean. Aquarians must learn to show love and affection to those they love, and not just show this to people who are on the outside, such as friends, or people they meet in a social way. Put some of that romantic attitude to work at home, especially you men, and they will find that many good things will follow.

All Virgo men are going to have

a great deal of drive, of energy within them, and should follow through on any opportunities presented. Virgo women could reconstruct their entire lives at this time due to changes that will take place. Due to this cycle, many will look much younger than their actual years. All Virgos tend to be over-critical, somewhat on the perfectionist side, and this is a trait they should make every effort to subdue as, left unchecked, it could lead to misery and even disaster in their personal relationships.

HOW TO GET A PSYCHOMETRIC ANALYSIS

Select a short verse from the Bible, perhaps your favorite, and write it on a separate sheet of paper, meanwhile concentrating on your problems. Then mail the sheet to Mrs. Dorothy Spence Lauer, Amherst, Wisconsin, and enclose \$4.00. Bear in mind the reply may take several weeks.

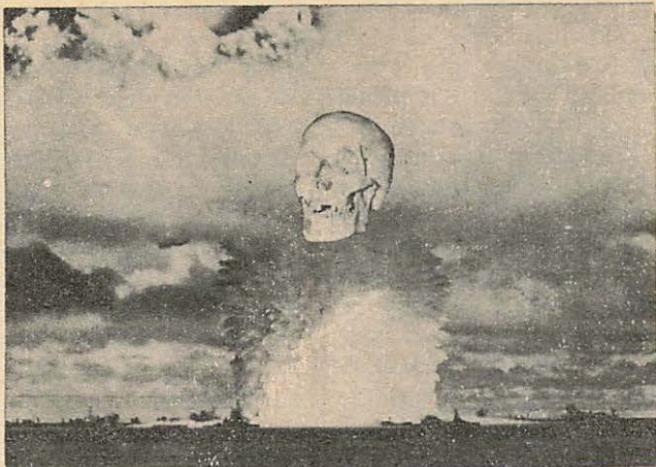
HOW TO GET A PHOTO AURA ANALYSIS

Send a snapshot of yourself to Dorothy Spence Lauer, Amherst, Wisconsin, and enclose \$4.00 to cover the cost. Be sure to include your return address! Surprisingly many applicants forget this! And please, if possible, report the results to SEARCH magazine after their accuracy or inaccuracy is determined. Remember, reports of inaccuracy are as important as those of accuracy.

ATOMIC POWER—

WILL IT MURDER THE HUMAN RACE?

This is an article you should read very carefully, because it is the most important article you will ever read! It is composed of FACTS; and its purpose is to challenge those men (soldiers, politicians and scientists) who have taken the destiny of the world into their hands. Its primary aim is to demand an answer, backed with positive proof, to the question that forms the title for this exposé—for that is what it is; an exposé of proven facts which for some reason are being given only milksop lip service by those who should be honor-bound, by reason of their solemn oaths as scientists, statesmen and soldiers, to safeguard the common good. When you have read every word of what should rightfully have been said by those more qualified to say it but who have not done so for reasons difficult to understand in the light of human nobility and faith in principle, write your congressman and demand an instant investigation into the facts concerning atomic energy. If a mad adventure into atomics, whether for war or for peace, is made without a proper investigation into the consequences, the answer to this question will be an unqualified YES!



AS we stand on the threshold of the year 1955, one single word has assumed tremendous importance; its letters seem to loom into the heavens above us, casting portentous shadows over the whole human race. It isn't, as some might suspect, the word ATOM. No, it is an entirely different word, and an entirely surprising one - it is the word SECURITY. Security, according to the dictionary, means: The state of being secure; specifically, freedom from danger, risk, care, poverty, or apprehension. Secure: to guard against, protect, guarantee. However, if Webster were alive to-day, he would discover that the word has taken on an entirely different connotation, an exactly opposite meaning. In place of freedom

from apprehension, it has become apprehensive. In place of the state of being secure, it has become the symbol of insecurity. In place of freedom from danger, it has come to mean the presence of danger. Instead of freedom from risk, it has become indicative of the greatest of risks. Far from being freedom from care, it has become the most insistent of alarms. It does not protect, it restricts. It does not guarantee, it undermines confidence. It restrains; it is the enemy of freedom of speech and action because of the fear of violating its new character, that of mandate. And ironically, instead of safeguarding our future, it has dedicated us to a course of suicide!

Because of the invention of the atom bomb, it has been necessary

to take security measures to safeguard us, to protect us against an attack by Russia (or any other power). On the surface, it would seem evident that the meaning of the word security has not changed, and that what has been said in the foregoing is not true. But in understanding the semantic significance of any word, it is necessary that all the contemporary conditions be taken into account. When we consider that Russia might (and perhaps intends to) attack us with the atom bomb, it is plain and simple security to advance our own ability in atomic warfare as a defense if not a deterrent. If we look only at the forest, we will not see the trees. But there are trees, a lot of trees, and we must examine each one. It is looking at the forest when we picture security as a means of dropping the bomb on the Russians. It is looking at a tree when we picture security as a simple dropping of a bomb anywhere. Is there any danger in that? Is there any insecurity in exploding bombs at all? Apparently not, because the soldiers go on exploding them. Because these soldiers are in our employ, paid a salary by our government (which is of the people, for the people, and by the people), we, the people have the right to expect that they are performing their job intelligently and to the best possible accomplishment of the purpose for which we hired

them, namely: the safeguarding of ourselves, our homes, our property, our nation. For this purpose the soldiers have hired the scientists to assist them, to give them all available knowledge of atomic energy - and to see that this knowledge is used to the best advantage they have placed these scientists under strict security regulations.

Now, in order to determine if the soldiers are doing their job as we expect them to, let's quote scientist Dr. Edgar B. Adrian. Since he didn't say this to us, we will quote from the men who quoted him; namely Joseph and Stewart Alsop, Washington news columnists. According to their column, published in many newspapers, Dr. Adrian said: "Repeated atomic explosions will lead to a degree of radioactivity which no one can tolerate or escape."

A flat, unequivocal statement if we ever heard one!

But let's get a few more opinions before we jump to conclusions. Dr. Adrain, we might mention, is a Nobel Prize winner, but some of his colleagues consider him an extremist. They say: "It's not quite as bad as all that. . ." So, let's take a statement from one of these colleagues: Dr. A. H. Sturtevant, geneticist from the California Institute of Technology. He says: "It is already true that all of us have been subjected to irradiation

from nuclear bombs. There are two types of damage to be considered - damage to the exposed individual, and damage to the genes in his germ cells. There is hazard, especially in an increase in the probability of the development of malignant growths, such as cancer. I am particularly concerned with possible damage to the genes, by which all life is reproduced. This can unquestionably result in the production of defective individuals or mutations, or, to use an old-fashioned word, monsters. There is no possible escape from the conclusion that the bombs already exploded will ultimately result in the production of numerous defective individuals. There is no way to measure this effect quantitatively - in other words, there is no way of knowing just how many little future monsters each bomb tested will produce. But they will be numerous."

This is the statement of a scientist who is regarded as "more conservative" than Dr. Adrian! If he is being conservative, then God help us!

We're going to be factual in this article, so let's now quote from one of the soldiers, Atomic Energy Commission chairman Admiral Lewis Strauss. "After every test we have had, and after the Russian tests as well, there is a small increase in 'background radiation'. But currently it is far below the

levels which could be harmful in any way to human beings."

That is a flat statement also, but let's check it with another actual fact. Let's quote from Nucleonics, a technical magazine. "The thyroid glands of thirty-nine cattle, five lambs, and ten sheep slaughtered in Memphis, San Francisco, and Boston, were examined for radioactivity. A number of these slaughtered beasts - notably those originating in Florida - were found to have radioactive thyroids. The count went as high as thirty-two times normal. The animals had eaten foliage containing iodides made radioactive by nuclear explosions - probably the Pacific series, or possibly as yet undiscovered Russian tests."

Now we have a figure, a factual figure, thirty-two. So let's go on with our facts, and quote some other scientists. For instance, Dr. Pierre Augur, French physicist and head of the natural science section of the United Nations Educational, Scientific and Cultural Organization in Paris; delegate to the United Nations Atomic Energy Commission. Dr. Augur suggests that the world powers limit their atomic bomb tests "in the interest of not creating too much radiation in the Earth's air. If tests are fired repeatedly without regard to pollution danger, we may drift into a pollution of the air that will be impossible to remedy.

From the standpoint of poisoning the world, the radioactive materials that explode over a few years, as well as those that explode for thousands of years, are equally important. How many bombs exploded in a short time would be dangerous to the whole world is problematical, perhaps as few as 100, perhaps more. These widespread effects are not the same as the direct radiation effects of the explosion. They are less immediate, and more insidious."

On the American side of the ocean, we'll take Dr. David R. Ingolis, physicist at the Argonne National Laboratory, Lemont, Illinois. He urges a halt in H-bomb tests "to give scientists some time to work on more effective defense measures. It would also prevent the H-bomb race from becoming a many-sided affair, for no other powers can independently develop H-bombs without making tests, and it would take only one mistake to destroy civilization as we know it."

Mighty flat statements, those!

Let's go back to Admiral Strauss. In the light of his statement that the "background radiation" is below the level called harmful, how does he reconcile it with the statement of one scientist that ONE bomb (hydrogen) could be too many, and the statement that possibly 100 bombs (atomic, not hydrogen) could raise the level to a "pollution impossible to rem-

edy?" That level, counting the level that existed BB (before the bomb) as 1, would seem to be but a short distance beyond, considering that we have already proved one instance of 32 as our number, and that has resulted from what official sources admit as only 50-odd bombs exploded so far. How far can we go before we reach a number that is "intolerable?" Is it 5? Or 10? Or 20? Does the Admiral intend to go on until he has exploded that one bomb too many?

But now, let's take one particular bomb explosion in detail and tell what is known about it: the March, 1954 hydrogen test. The full story is an astounding and fearful and shameful thing.

The morning of March 1, 1954, looked like an early sunrise to the twenty-three sailors of the No. 5 Fuduryu ("lucky dragon") Maru. But that flashing fire in the east, followed by its rolling thunders, was an unhappy omen for the Lucky Dragon. After some hours darkness covered the real sun and a white dust started to fall, atomic dust, the "ashes of death." Rubber equipment crumbled, and the sailors felt their bodies strangely aglow. That glow was only the preliminary of illness and aftereffects that may continue for years. One physician, a professor of Tokyo University, has even stated that the effects may show up again in freaks among the future off-

spring of the victims.

The hydrogen-bomb blast touched off at Bikini that morning did more than shatter the scientific expectations of its creators. It left 28 Americans, 236 Pacific natives and the 23 Japanese suffering varying degrees of radioactive burns. It "activated" the fish over a vast area, so that 100 and more tons of tuna fish have had to be destroyed on arrival in Japan. It has removed fish, a staple food of Japan, from the tables of millions of households. And it has torn an ugly rift in already precarious American-Japanese friendships.

The Japanese were the first to be baptized with atom bombs, in time of war. Now, in time of peace, they had been first to undergo baptism by the hydrogen bomb.

To understand the seriousness of the crisis one must understand the worsening problems of Japan. Fish has been a staple food of Japan for years, not only because Japan is an island empire, but because her teeming population cannot subsist on the produce of her land alone. There are 85,000,000 mouths to feed, and less arable land than in the state of California. As another 1,000,000 are added to the population each year Japan's fishing trawlers plow farther and farther into the surrounding seas. The fishermen of Japan do not generally have the seaworthy equipment of fisher-folk of other

nations. It is a hard, uncertain life, braving the furies of the deep. Oftentimes they do not come home at all.

The people at home respect the labors of the fishermen. Hence when the crew of the Fukuryu Maru arrived home with atomic burns and a radioactive cargo of tuna, the tide of resentment was higher than mere promises of "compensation" could assuage. Whoever was responsible for the misjudgment of the hydrogen blast at Bikini will have to go far, far deeper than dollar compensations in order to win back the confidence of the Japanese people.

The outcry covers not only the radiation injuries and the loss of fishing catches. The Japanese are also protesting wider issues, and principally the violation of the "freedom of the seas." This is a big issue to Japan, as she is beginning to find her fishing seas restricted on every side. The Nihon Keizai of March 27 pointed out that Japan's fishing boats cannot operate freely in northern waters and the East China Sea, because of the Communists; in the Sea of Japan, because of Korea's "Rhee Line;" in southern waters, because of the Arafura Sea pearl-fishing dispute with Australia; and now the United States' "closed area" cut off the routes to other southern fishing grounds. The newspaper concluded: "It is clear and explicit

the establishment of the zone violates the principle of freedom of the high seas."

Adding weight to the Bikini catastrophe is the Japanese memory of what happened at Hiroshima and Nagasaki. The sufferings and agonies caused by those bombs of nine years ago have been publicized in Japan as nowhere else in the world, and many of the Japanese people have learned of those horrors by firsthand eyewitness accounts. Those bombs are real to them! They shudder to hear of the new bomb, 500 times as powerful as the bomb at Hiroshima! When America came to Japan following World War II and gave Japan a constitution that outlawed war, the Japanese welcomed this sign of repentance. However, Japanese nationals have again suffered from American nuclear bombs. The Japanese do not dislike Americans because they are Americans, but here is another event in a lengthening train that is building up distrust of America and endangering Japan's alliance with the West.

The Japanese have a deep fear of radioactivity. So deep is that fear that for a month or more all fish, whether from the deep seas or the nearby seas, has come to be suspect. Most of this fish is free from all possibility of contamination, but fear has gripped the stomachs of the people, and for many has banished fish from the everyday diet.

Sound-cars sponsored by the ship merchants tour the streets of Tokyo, and posters have appeared on the streetcars, assuring the population that it is safe to eat fish. But fear remains, and the fish trade has hit so serious a slump that it would probably take some millions of American dollars to make amends on this score alone. Certainly it would take more than dollars to compensate the Japanese gourmand for the loss of that delicacy, tuna o-sashimi (raw sliced tuna), served with green horse-radish at banquets.

The spread of the fish crisis to all classes of the community is illustrated in the following examples. At a recent wedding all guests but two at the wedding breakfast declined the course of o-sashimi. Of the two, one was a foreign missionary and the other a doctor.

The hydrogen-bomb crisis in Japan is a big crisis.

The following letter was written by a schoolteacher to the Mainichi Shimbun, Tokyo, and appeared under the caption "The Lessons of the 'Ashes of Death'".

"With a worried look on her face, my wife told me when I returned home from work that she had served fish to the children and wondered whether to give them a laxative. Until she heard about it over the radio, she hadn't known about the radioactive fish. I, too,

read about it in the paper on my way home in the train and was surprised and worried . . .

"Why can't the manufacture of the frightful atomic weapons be stopped? Can it be that the people of the world have never heard of Hiroshima and Nagasaki? It is too early yet to forget about them. Others may have forgotten, but we Japanese still remember . . . Let us appeal once again to the peoples of the world to arouse the conscience of those carried away by enthusiasm for atomic weapons."

The Asahi Shimbun, Nagoya, received the following letter:

"Tuna from Bikini have given us a big shock. It is indeed a dreadful thing. Come to think of it, countless millions of fish living where the 'ashes of death' fell may have swallowed some of these ashes. Moreover, the radioactive ashes may dissolve and be carried by the currents of the sea to Japan. Will there not be a danger of fish in Japanese waters being contaminated?"

"I realize there is no end to worrying and that we must await the verdict of specialists as to whether the fish are fit for human consumption. But if we deprive the Japanese of their fish, they will have to eat meat, which is too expensive for the poor. So they must have fish, and so there is a danger of the entire Japanese race

being contaminated by radioactive food . . . Atomic tests in the future will probably spread havoc over wider and wider areas. This will mean that more and more fish will be swallowing radioactive ashes. It is horrible to think of."

Another letter, published in the Tokyo Shimbun, contained the following:

"I am employed at the Tokyo central fish market. The day the 'radioactive' sharks and tuna . . . arrived, the place was truly a madhouse. It is indeed dangerous when people of no experience disturb the public by talking, without any evidence whatsoever, about the effect of eating the fish. There were no buyers even for yellowtail caught in waters off Japan, for flying fish or for fish processed in Hokaido (northern Japan) about a month ago."

"If such a situation is allowed to continue, it is clear that every fish market in the country will be faced with a crisis. America should pay compensation not only for direct but also for indirect damage such as this."

"There is no way for Japanese fishermen to live if they are deprived of their fishing grounds by these atomic tests. Before aiming at the conservation of fish through the North Pacific Fisheries Agreement, America should ban 'hydrogen bomb tests' in the Pacific. As the name implies, I would like to

see peace and tranquillity in the Pacific. At least, the Pacific Ocean should be left open to the Japanese."

Two weeks after the first "scare" there were further jitters when the Welfare Ministry announced on March 30 that it had condemned as radioactive another 74,000 pounds of tuna, valued at \$10,000. This tuna was caught in mid-Pacific after the March 1 blast, by the No. 13 Keoi Maru. At the same time, 100,000 pounds of tuna had been detained three days on a third trawler, No. 5 Myojin Maru, up Sendai Way. Fish dealers were saying that they would not now handle this stale cargo even if it were released. On April 4 came the announcement that radioactivity had been found in the clothes of the crew of still a fourth returning trawler, the No. 7 Dai Maru.

The Japanese government itself has taken a conservative stand. While deplored the crisis and asking for just compensations, it is not raising objections to further American nuclear experiments in the Pacific. Some American authorities have excused the incident in saying that American personnel were also burned. But the big question remains, Why does anyone have to get burned at all? As pointed out by the Tokyo Shimbun in March 26, the March 1 bomb was very much more powerful than

it was believed by scientists to be, and the damage caused by radioactive dust was more extensive than expected. Does it not appear that nuclear fusion experiments may get out of hand altogether, and endanger the lives of the citizens of the entire world?

So, what to do? The Yomiuri Shimbun, March 26, espoused an immediate ban on the use of atomic weapons and restriction of atomic energy for peaceful purposes. The left-wing Socialist party called for the same measures. The Nippon Times of March 29 said: "The wider implications of the holding of these bomb tests . . . call for international action on the broadest lines under the leadership of the best brains humankind can supply."

The following is from a reader's letter published in Newsweek, April 12: "A lot of people in this country are in a state of terror about what might happen if a bomb fell on them. At the end of World War II, when Japan was out for the count, we dropped two atomic bombs, instantly killing hundreds of thousands of noncombatants and bringing about the death of hundreds more by radiation cancer. Some time later we moved the natives of Bikini away from their homes. Those that were too old or infirm to walk were hauled into ships by cranes. We then obliterated what had been their lifelong

homes and the resting places of their dead; those places that were to them just what our homes, churches, and synagogues are to us. Now we have terrified Japan again and infected 23 men with a dose of radiation that might possibly lead to a death more horrible than any by the most dreaded of natural diseases and caused fear and financial loss to thousands. Isn't it about time that some of us stopped worrying about what might be done to us and started worrying about what we are doing to others?"

A fishing vessel 2,200 miles from the location of the H-bomb blast of March 26 has been found to be radioactive. This was revealed (4/10) by Japanese authorities who checked the vessel with a geiger counter. They found a moderately high radiation count among crew members. None of the crew were seriously injured, and the vessel's catch of tuna was released for sale. However, radioactivity on a vessel so far from the blast prompted the government Fisheries Bureau to announce that it would begin a search for new fishing grounds "secure from the hydrogen bomb."

In July, Dr. Okada of the Tokyo Fisheries College declared: "We believe we can conclude that the stock of tuna in the radioactivity-contaminated seas will decrease in the future." Touching on another facet of this subject,

in October, Professor Takajiro Mori of Tokyo University said that the number of radioactive fish caught in the Pacific was increasing. He explained that in March the contaminated fish were limited to the nuclear testing area near Bikini, but by April a "large number" of radioactive fish were caught off Formosa. By June, said Professor Mori, contaminated fish were being caught off Japan.

A letter published August 16 in The Christian Science Monitor says that it was still necessary to test all the fish caught - and also to check the bathing beaches of Japan with Geiger counters. Some persons in that country, more than 2,000 miles from Bikini, are ill as a result of drinking radio-active rain water. The whole nation was justifiably frightened.

The Christian Century (September 15, 1953) bewails our failure to apologize and make prompt offers of compensation and points out the anti-American feeling that is increasing as a result of this failure. In its October 6 issue (p. 1196) it says that the Japanese have asked indemnities of \$12 to \$14 million and that we have offered \$1 million. Of course all this plays directly into the hands of the Communists.

Most of us are familiar with the descriptions made of the Feb. 1952 hydrogen bomb explosion, and how it annihilated an entire island,

vaporizing it instantly into dust, creating a crater deep enough for a 17 story building and more than a mile across (which crater filled with sea water leaving not a single sign of the island which once existed on the spot).

We remember, too, that the following March 1 test was far more terrible than scientists had estimated, and actually filled them with momentary terror that they had "gone and done it." Some of us even remember that a further H-test, scheduled for a few weeks later, was cancelled because of the fact that it was larger than the first ones, and apparently quite a bit larger. It was so large, in fact, that "the testing grounds were not big enough." Four million square miles of ocean not big enough!

Therefore, when we consider the recent report of the Congressional Committee on investigating the effects of the bombs on the weather, we are somewhat astounded. Let's quote again, perhaps not exactly word for word from the report, but very briefly, because the report meanders endlessly on whether or not (not, they say) the bombs caused the hurricanes (such as Hazel, which caused such terrible damage). We'll speak only about one comment: "If it were possible to explode a bomb underground, so as to throw a cloud of atomic dust into the strato-

osphere, the resultant cloud would be very dangerous."

What kind of a comment is that? "If it were possible." It IS possible! IT WAS ACTUALLY done in February, 1953! Millions of tons of earth and solid rock were instantly vaporized, pulverized to the finest of dusts (dusts that are now radioactive for thousands of years) and hurled into the air in a gigantic cloud, which in a matter of minutes had spread to 100 miles in diameter! The very same cloud that poisoned the Japanese fisherman, some of them 2,200 miles away! The very same cloud that is now floating around at very high elevation (just as every other cloud from every other of 53 admitted tests and explosions is floating around and will continue to float) until all of it is precipitated to earth to contaminate our soil, our water and our food! The Russians exploded bombs in the mountains, vaporizing them. The British vaporized entire battleships. All of this DUST, floating around in our atmosphere.

What do they mean "if it were possible . . . ?"

If we were to quote the statements of officials of various weather bureaus over the face of the earth where increases of radioactivity levels were noted after each test, we could write a book. Did you know that official efforts are made all over the United States

in weather bureaus to make daily checks on the radioactivity content of the air, and that more frequently than not, for weeks after each test, the tests record dangerous levels of radio activity? Such as a level recorded in Chicago of twenty times normal. And let's not forget the radio activity of the cattle the Alsops told us about.

Let's go on about this particular menace and amass a few more facts, from people who know what they are talking about. For instance:

Radioactive hailstones as big as tennis balls bombarded Washington one May day as the result of the explosion of an atomic cannon shell 29 hours earlier some 2,000 airline miles away in Nevada.

Three U.S. Navy Hydrographic Office scientists, Gilbert Jaffe, Walter Wittmann and Charles C. Bates, report this in the Bulletin of the American Meteorological Society (June).

The hailstones were not very "hot" radioactively, but they registered on a Geiger counter with which their melted substance was tested.

Many children at the time of the hailstorm ate several of the hailstones like snowballs, but they suffered no ill effects.

Debris of the atomic test was carried by a low pressure system to about 40,000-foot altitude over Frenchman's Flats, Nev., and then

blown at about 65 knots eastward. In Washington's vicinity strong up-drafts accompanying the passage of a cold front caused large raindrops and hailstones to be recirculated several times through the contaminated air mass before they fell to earth.

The hailstones fell on May 26, 1953.

This is just one instance, but it is typical. In Green Bay, Wisconsin, it was revealed that for three days after one test, the air was filled with radioactive debris which exposed residents of Green Bay (and of the rest of Wisconsin) to "three or four times the energy level of an ordinary chest x-ray" and therefore "not considered dangerous." What was neglected in the report was that a chest x-ray consumes a matter of seconds of exposure, and the exposure here was three days! Enough, any roentgenologist will tell you, to cause damage. Damage that might not show up for years, or even, hereditarily, for generations.

However, let's go into another phase of atomic energy, apart from bomb tests, and the horrific contemplation of a possible atomic bomb war in which thousands of bombs might be exploded all in one day! Let's take the use of atomic energy for peace, and see what the scientists have to say about it in more detail than we brought out at the beginning of this article,

Let's quote Dr. W. A. Roger, of the Argonne National Laboratory, near Chicago.

Atomic power threatens to poison the future world with radiation from the waste fission products of uranium.

Assuming atomic power coming into widespread use by the end of the century, there would be three tons of "hot" waste from the many reactors to be disposed of each day.

If the strontium 90 alone produced were diluted with water to a radiation that can be tolerated, it would require about five percent of the entire world ocean volume. The oceans are not big enough to hold the activity that conceivably may be produced and this sort of dispersal is not the solution.

Because relatively small amounts of radioactive wastes have been produced so far, disposal has been possible by mixing them with large volumes of water or air, and by burying them as solids or liquids underground or in the depths of the sea. Burial vaults have actually been used in some cases. During our lifetimes we shall need to isolate and control the radiating wastes in deserts or deep in abandoned mines.

Radiation may have important industrial uses, such as for food preservation, so that cost of handling and storing the waste from atomic power plants may be paid

for by use of the radiation. Although this will not solve the menace of radiation or its control over the years it would provide money to handle the problem.

Radioactivity of the fission products goes on and on, with intensity decreasing by half in varying times, 19.9 years for strontium 90 and 33 years for cesium 137. The radiation hangs around for a long, long time.

Just to clinch it, and not leave Dr. Roger alone in his opinion, let's quote from *Science News Letter*:

Present methods of disposing of radioactive wastes are safe, but in many cases extremely expensive.

This problem will grow and may well be a stumbling block to the commercial use of atomic energy, Drs. Abel Wolman, consultant, and Arthur E. Gorman, sanitary engineer for the Atomic Energy Commission, told the American Society of Mechanical Engineers meeting in New York.

"Hot ashes" are particularly dangerous, they said, because man cannot sense them without special instruments. Small doses can be very dangerous and sometimes fatal.

Presently, wastes from atomic plants are sealed in cement blocks and dumped in the ocean, or sent up tall chimneys, or stored in underground tanks, or sometimes cooled off in storage yards. Underground disposal costs up to \$1.75

a gallon, dumping in the ocean costs up to \$1 a pound, and dispersal in the air costs up to \$5 a cubic foot.

Scientists are now working on the application of cheaper methods of getting rid of the wastes. One possibility which has not been completely studied is dumping the radioactive residue into deep deserted oil wells or mines.

Another scheme receiving serious study is a method of absorbing the wastes into clay pellets. The pellets are then glazed in a furnace so that the products cannot seep out. These beads perhaps can be safely buried.

By the turn of the century, the scientists estimated, there would be three tons of radioactive waste a day requiring one-twentieth of the world's oceans for safe dilution.

These scientists are only two of many with such opinions, but for our purposes, we'll stop right here in our quotations on this subject, and spend a little time analyzing what we have just read.

When the children ate hailstones, they "suffered no ill effects." Certainly not. No more than from a chest x-ray. However, we've quoted some reliable authorities previously in this article to show that the effects of radioactivity are cumulative. The question is: just how much can we accumulate before it becomes a fatal accumulation? We have an

answer to that from Dr. A. T. Krebs of the Army Medical Research Laboratory at Fort Knox, Ky.

The amounts of radioactive substances normally deposited in human bodies, even when they are not exposed to fall-out ash or other radioactivity from A- and H-bombs, are close to the accepted tolerance.

This finding comes from studies by Dr. A. T. Krebs of the Army Medical Research Laboratory at Fort Knox, Ky.

The amounts of radium element Dr. Krebs found in normal bodies, however, seem to be well below the accepted permissible radium content.

In reporting his study in *Science* (April 2), Dr. Krebs points out that measurements of radioactivity in the human body should be interpreted with regard to whether the element radium is being measured, or the radioactivity from other elements in the body, such as potassium and carbon.

The amounts of radioactive substances in normal bodies, although they bring the "irradiation burden" close to accepted limits, are much lower than the toxic amounts found so far in radium poisoning cases.

What Dr. Krebs is saying here is that we have a normal accumulation of radioactive material in our bodies that is already (close

to the accepted tolerance.) This is an argument that some unthinking individuals have used to decry the danger of the bomb. They have pointed out that normally, from the rays reaching us from space, from the sun, from the normal intake from our drinking water (all water on earth is radioactive) and from the normal dust in the air we breathe, we are made radioactive and "it doesn't kill us."

Doesn't it? What does kill us? Why do we die? One of our most famous Americans proved that rather thoroughly some years ago. Charles A. Lindberg, mostly noted for his flying ability, although he's no mean scientist, had, if our memory serves us right, something to do with an experiment with a chicken heart (or some of the tissue from one) that was kept alive many years beyond the life of a chicken by simply keeping it free of radioactives (by centrifuging all the nutrients given to it and thus removing all the heavy elements). Theoretically, the heart could have lived forever, or at least for centuries, and would never stop growing. It had constantly to be trimmed down to size to be contained within the confines of its crystal prison. Other tissue, kept on uncentrifuged water and food rations by other experimenters, died in spite of the similarity of the experiment. The cumula-

tive radioactives finally stopped its cellular growth, by making cells too full of poison to reproduce themselves normally.

We've all heard of the unfortunate cases of the girls who painted watch and clock dials with radium to make them glow in the dark, only to be poisoned because of their practice of tipping the brushes with their tongues. We all know the startling resemblance of their "radium sickness" to old age. Though young girls, they looked like old women of 80 or 90 when they finally died.

Radioactives collect in the bone marrow, and there, where the red blood corpuscles are manufactured, they burn the cells with rays, and gradually destroy the ability of the marrow to construct healthy cells. Deprived of the red blood cells, the rest of the body is not nourished, nor purified, and the accumulating poisons coat the veins, debilitate the muscles, break down the tissues, and cause eventual death.

But let's not theorize - let's get back to Dr. Krebs. He says we are already close to the tolerance level. Thus, we need little more to build up a fatal accumulation. Already, we have all been subjected to the radioactive dust clouds, have been accumulating amounts still unmeasured, but certainly accumulated. And as long as tests go on, we will accumulate

more.

Our Government has initiated a world-wide peace program for the use of the atom for power and various other purposes. Even the Russians seem willing to join in. So, in the light of this, let's examine a few key words in some of the quotes we have made.

By the turn of the century (and progress is always faster than anticipated) scientists say we will have three tons of radioactive waste material (ashes, exactly like those from the March 1 H-bomb), to dispose of daily. We can't put them in the ocean in diluted form, because one day's production would require one-twentieth of the oceans of the earth to dilute it to a tolerance level. Thus, in twenty days, the entire body of the seas would be up to tolerance level, and the twenty-first day would put it over - and we'd all be condemned to certain death.

So, it can't be placed in the water. We'll dump in into the old oil wells, or abandoned mines. How long before each one is so "hot" we can't even get near it to dump? Put in in pellets of clay, and then glaze them over, so the ashes can't get loose and blow around, then "perhaps" safely bury them. Perhaps. No assurance that there is any place on Earth they can be buried and STAY there. Just a mere heavy rainstorm might cause an eroding flood and loose them,

scatter them about. An earthquake might heave them up.

How do we get rid of them NOW? Why, it's simple! We are mixing them with water (the Columbia river, for instance, where we get much of our salmon); and sealing them in cement blocks and dumping them in the ocean (and we all know how "permanent" cement is); or sending them up tall chimneys (and obviously out the top, as the chimneys have a top and everything sent up them comes out there); and storing in underground tanks (we'll soon have a lot of tanks located in many places); or cooling off in storage yards (it takes a long long time to cool).

Two of the methods in use right now put the ashes into your drinking water, and into your nostrils via the air you breathe!

Primary consideration now is the COST of these methods; and what they are working on, these scientists (not the ones who are warning us, but the commercial ones), is a way to reduce the COST. Why not just dump it in our front yard and let us do the worrying thereafter?

At first, when the atom bomb was revealed (along with the deaths of 120,000 people), the anxious question was asked: "Is it possible to blow up the Earth through a chain reaction?" This was a fine question for the propaganda department. It provided for a big,

dramatic answer, and one they could be fairly sure of. Just for the interest in it, we'll quote the most recent publication of this old mollifier: It appeared in Science News Letter for April 17, 1954.

Can the world be exploded like a gigantic atomic bomb and turned into a flaming star-like object with all life extinguished? This question has worried the world ever since discussion of atomic energy began.

Despite the tremendous size of the hydrogen bomb already achieved and the possibilities of even larger explosions, there is no danger of setting off a chain reaction which would destroy life on the earth. The answer to this problem of the annihilation of the earth is "no" just as it has been in the past.

Perhaps we can do no better than to repeat what has been said before. On Jan. 30, 1939, at the time when the fission of uranium first became known, it was not only possible to predict definitely that there would be an atomic bomb, but to report at that time:

"The physicists are anxious that there be no public alarm over the possibility of the world being blown to bits by their experiments. Writers and dramatists (H. G. Wells') scientific fantasies, the play "Wings Over Europe," and J.B. Priestley's novel, "Doomsday Men" have over-emphasized this idea. While they are proceed-

ing with their experiments with proper caution, they feel that there is no real danger except perhaps in their own laboratories."

More recently, in 1950, just after President Truman authorized the construction of the hydrogen bomb, this problem was discussed in more detail:

"Not even a monster super-H-bomb, the most gigantic that can be visualized, would explode the atmosphere of the earth or the waters of the oceans, ending life on the earth as we know it.

"That is the best judgment of scientists, despite the alarming statements of a few physicists. The damage that a dozen or so H-bombs could do to big cities is quite alarming enough without calling upon a chain reaction in the atmosphere or the seas.

"There is energy (excess mass that turns into energy) when hydrogen, oxygen and nitrogen of the air and water are transmuted to other elements. That is clear and no scientist disputes this fact. But in the explosion of an H-bomb there is even less than in an A-bomb of the sort of radiation and other debris that would propagate a chain reaction particularly in the light elements.

"In the H-bomb the process is more of a combination of the light-weight elements involved to make other elements with an incidental loss of mass or matter, which

turns into energy. This is what is called fusion. In the uranium-plutonium atomic bomb it is a matter of these two very heavy elements splitting into other middle-weight elements, with a slight loss of mass that turns into energy. This is called fission.

"In fission of the A-bomb, neutrons in excess are let loose and this makes possible the extremely rapid chain reaction. Probably neutrons do not have such a key role in the so-called hydrogen bomb, which seems to be a matter of smacking together the atoms of the hydrogen isotopes, deuterium and tritium (double and triple weight hydrogen), one or the other or both.

"To set off a chain reaction in the atmosphere or in water, something to react with the oxygen and hydrogen of the water and the nitrogen and oxygen of the air would have to be produced in profusion. This does not seem to be provided by the H-bomb if guesses as to its nature are correct.

Thus, in this red herring question, the answer to the more important and far more dangerous one, has been side-stepped up to now. Although very fine scientists have literally begged the politicians and the military to cease and desist, until the danger can be summed up, we are going to have more bombs, regardless. We'll let Watson Davis, promi-

nent science news reporter tell you about it.

Many more H-bomb explosions will occur in the Pacific in coming months.

Aside from any military or political reasons, we must know about the phenomenon of fusion, the transmutation of light elements, with release of atomic energy, the conversion of mass into energy. This requires scientific experimentation.

What is being done on a grand scale is comparable historically to the exploration of radioactivity that took place about the turn of the century, or the development of Uranium fission and the whole A-bomb program at the beginning of World War II.

There is not just one kind of superbomb - whether you call it hydrogen bomb, thermonuclear weapon, or fusion bomb. There probably are a dozen or so, each materially different. Then there is always the question as to how small and how large each of them may be made. And how they can be made to explode most efficiently.

The essential ingredients in a fusion bomb are: 1. Light chemical elements, part of whose mass is converted into energy.

2. A detonating or igniting charge, which is presumably a plutonium fission A-bomb, which is no small explosion in itself.

The igniting A-bomb would provide the high temperatures of a million degrees or more that are needed to fuse the hydrogen or other elements so that they transform into other elements with conversion of a small amount of their mass into energy.

Probably an A-bomb is the only practical way now known of setting off an H-bomb. But some of the tests now under way may include an attempt to ignite an H-bomb with another source of very high temperature, a fine metallic wire exploded by a jolt of high voltage electricity.

The material in a fusion super-bomb is basically some sort of hydrogen, either the double-weight deuterium or the triple weight tritium. This is the chemical stuff, the lightest element. Theoretically it could be converted into the next heaviest element, helium, with a large yield of energy from the mass or matter lost in the process. This is the kind of reaction that is believed to keep the stars stoked. It happens in the H-bomb in very short fractions of a second, and it has to happen before the atoms involved are flung far apart by the energy that such atomic interactions create.

The first of the U.S. H-bombs, whose explosion in November, 1952, is now being witnessed by the world in officially released motion pictures was presumably

primarily a rather simple hydrogen bomb. It probably utilized a D-D reaction, a combination of two atoms of deuterium or heavy hydrogen. It may have been a D-T reaction, in which a deuterium atom coalesced with an atom or tritium or triple-weight hydrogen. Both of these reactions, theoretically, should work.

Certainly one of them did in the now famous first H-bomb shot of 1952 Operation Ivy, which has become psychologically "poison ivy" to many.

The first H-bomb of 1954 (March 1) was about twice as large as the calculated estimate. It has aroused people by its tremendous size and the meteorological accident of "fall-out" of its radioactive material upon Japanese fishermen inside the danger area.

Too little is reported about the March 26 and April 6 bombs to do much speculating, but the March 1 bomb probably contained light element ingredients other than the hydrogens of the earlier H-bomb. That is what probably gave the March 1 bomb its extra "umph." It was an experiment. This test should have been made for scientific reasons, simply to know about the facts of matter and energy, even if it served no military or political purpose.

The best guess at an added light element is lithium. This is a light metal, atomic number 3 in the list

of chemical elements. Lithium is relatively plentiful in the earth's crust, and it was used in its metallic form during the war to produce hydrogen for inflating weather and radio balloons.

There are so many possible combinations of the light elements to try that we can expect many more H-bombs tests.

Just to make it official, here's an announcement of Friday, Sept. 24: "The Atomic Energy Commission is readying a new set of weapons tests at its Nevada proving ground next winter. The AEC came out Friday night with an announcement of a series of atomic tests commencing early in 1955, probably about Mid-February. Ranchers, miners and others in southern Nevada and southwestern Utah were warned of the impending tests which AEC said will conform generally with those previously conducted in Nevada.

So, according to Watson Davis, and the AEC, we are going to have more atomic tests in Nevada, plus more H-tests in the Pacific.

Earlier in this article, we mentioned that some scientists feared that some "ignoramus" in the atomic weapons race might hit on another method of setting off a bomb that might end life on Earth. Since we've just (apparently, because you'll note they are still "guessing" about what makes an H-bomb tick) said it was impos-

sible to blow up the Earth, it's something else that Dr. Pierre Auger, the French scientist is worried about when he mentions that "one mistake that can destroy civilization." That something else is a simple thing, an ordinary H-bomb wrapped up in cobalt. Let's quote Professor Leo Szilard, one of the original atom scientists, and U.S. Assistant Defense Secretary, Donald A. Quarles:

The cobalt bomb is a theoretical weapon that would use cobalt instead of steel for a casing to enclose a hydrogen bomb. Cobalt, a lead-like metal that absorbs radioactivity, would permit the winds to carry it to the far corners of the earth, annihilating all life in its path. It could easily wipe out continents. But could such an all-destroying bomb be built? An authoritative answer came (4/11) when U.S. Assistant Secretary of Defense Donald A. Quarles said that C-bombs were scientifically possible. He indicated that a war model cobalt bomb would actually be a Frankenstein, for he called it a "suicide weapon," one that would indiscriminately kill friend and foe. Of this weapon Professor Leo Szilard, one of the principal architects of the atomic bomb, has estimated that 400 one-ton deuterium-cobalt bombs would release enough radioactivity to extinguish all life on earth. This brings to mind the words of Albert Einstein,

uttered early in 1950 before the H-bomb was a reality: "If successful, radioactive poisoning of the atmosphere, and hence annihilation of any life on earth, will have been brought within the range of technical possibilities." (New York Times 4/7/54) Since the C-bomb is merely an H-bomb with a different shell, the successful H-bomb tests in March have brought Professor Einstein's prophecy into the realm of fact.

Now, if anyone among my readers is a metallurgist, he may recollect that in certain kinds of steel, cobalt is an ingredient, very minor, to be sure, but the term "cobalt steel" is familiar to every man in the street", specifically in the making of extra powerful magnets. For all we know, there is a small amount of cobalt in all atomic bomb shells, and H-bomb shells, and perhaps even cobalt magnets employed in the intricate firing mechanism of the bombs and other detonating devices. How much cobalt is ready in the atmosphere?

Can we be sure that irresponsible individuals, persons lacking in the proper knowledge of physics, and lacking the innate caution of a good scientist, will not make that "one mistake"? Perhaps a short review of the opinions expressed by scientists over the recent Oppenheimer case might throw some light on the subject. Let's quote a few of the reactions:

"I can only say I have the greatest respect and warmest feelings for Dr. Oppenheimer," Dr. Albert Einstein, Institute for Advanced Study, Princeton, N. J., said. I admire him not only as a scientist, but also as a man of great human qualities."

From the University of Chicago, where the first self-sustaining nuclear chain reaction occurred, three scientists commented.

Since the present state of international tension makes it "unfortunately necessary" to carry out loyalty investigations of men in sensitive positions, Dr. Samuel K. Allison, director of the Institute for Nuclear Studies, stated, such an investigation by competent men would completely establish the reliability of Dr. Oppenheimer. "The nation owes him a debt which it can never adequately repay," he said.

"I do not know any other person in the United States who could have provided the brilliant leadership at Los Alamos that he did, working in selfless devotion, and endangering his precarious health.

Dr. Cyril S. Smith, director of the Institute for the Study of Metals, said that he was confident that without Oppenheimer's "dynamic and selfless leadership, a successful bomb would have been delayed by many months."

He said that, having been a member of Atomic Energy Com-

mission's General Advisory Committee at the time the H-bomb decision was made, he still believed the committee's decision based on the technical information available at that time, was arrived at honestly, and that it would have been a "real catastrophe had the hydrogen bomb program been initiated without discussion of the issues involved.

"The resolution of honest differences of opinion among informed men," he stated, "is the very basis of democracy, and such discussion is difficult enough under atomic secrecy without persecuting one who proposed a less precipitous approach than that ultimately adopted by high authority.

"The action of the AEC will discourage free discussion of both politics and science," he said. "If followed through, it will effectively suppress the very originality of thought that gave rise to the bomb."

Dr. Leo Szilard said: "I have read very carefully the official charges against Oppenheimer. Whatever they may indicate, they do no seem to indicate the slightest suspicion that Oppenheimer might misuse restricted information. To Class him as a security risk, on the basis of these charges, will be regarded by his colleagues in this country as an indignity, and abroad as a sign of insanity - which it probably is."

These are strong comments,

but there is stronger evidence of a real revolt in scientific ranks against the security system, as evidenced by this item:

Scientists should refuse to work under the security system imposed by the government that resulted in the Oppenheimer case.

This work stoppage is advocated by Prof. O. Theodore Benfey, chemist of Haverford College, Haverford, Pa., in the SSRS Newsletter (Aug.), publication of the Society for Social Responsibility in Science.

There is great significance, in Dr. Benfey's opinion, in the fact that in the consideration of Dr. J. Robert Oppenheimer's security clearance by the Atomic Energy Commission only the lone scientist on the reviewing board and on the commission supported Oppenheimer.

"Everyone is now calling for a review of the security system," Dr. Benfey said. "But any scientist with a shred of insight could have predicted what would happen if scientists accepted the degree of secrecy now prevailing.

"They should have refused to work under the imposed conditions.

"Such a refusal would not have weakened the country; it would have led to an immediate review of the security system. But it would have required a certain amount of courage, the risk - not very great - of a few months of unemployment.

"Even now no one seems to be resigning. When will men learn that a country decays unless its citizens are willing to suffer for their convictions? Why should the government review the security system if it can get all the obedient servants it wants?"

Can it be that the conditions of working on atomic energy are becoming so bad that a "to hell with it" attitude is developing among the only minds who might dig deep into the danger that is facing us and find a way to avoid it, or at least to halt it in time? Is it fear of being called another Oppenheimer that causes many scientists to hesitate to bring forward what may be overpowering evidence for a "go slow" policy (as if the evidence already isn't overpowering!).

Following are excerpts from testimony by Dr. Vannevar Bush, president of the Carnegie Institution of Washington, to a sub-committee of the House Committee on Government Operations. Although the hearings were held in June, they were made public only in October.

"Let me say first of all that the development of weapons is very closely interlinked with their use; and it is impossible to separate the discussion of their development completely from the way in which they are used in practice.

I think there are two serious

weaknesses today that impede our program of research and development.

"First, the security clearance system as now practiced is, in my opinion, doing great damage to the relations between science and Government, and particularly to the relations between scientists and weapons development.

"Second, it seems to me that we have lost our effectiveness in getting new weapons tested, tried out, produced on an experimental basis, and finally introduced in use." . . .

Dr. Bush then explained his reasons for believing that there was room for much improvement in the use of the latest scientific advances by the Joint Chiefs of Staff in their planning operations.

"Now, let me turn to the other weakness for a moment, and that is the security system.

"I don't need to bore you, certainly, with a detailed recital. I feel that the way in which our security system is working at the present time is driving a wedge between the military and the scientific people of the country, and is doing great harm.

"During the war there was developed a partnership between military men and scientific men. It was not brought about automatically; it is not a thing that occurs readily.

"These men come from differ-

ent backgrounds, and it is hard for each group to understand the other; but nevertheless, by the end of the war an excellent situation had developed in which there was mutual respect between the two groups and they operated together well.

"It must be remembered that one cannot plan modern war merely from the military standpoint or merely from the scientific standpoint. It takes both types of thinking to produce success.

"That partnership, which was a healthy one at the end of the war, is, in my opinion, now almost destroyed, and one of the primary reasons is the security system.

"Now, I will not go into the Oppenheimer affair. I have written on that subject, and I think I should avoid entirely any question of the operations of the central committee.

"And I will not go into the Monmouth matter. But let me bring to your attention just 1 or 2 small incidents that will show the type of thing that is occurring all about us and that is so trying...

"Now, these instances seem trivial, but they are not. The scientists, generally, that served well, loyally, and vigorously now find that they are being queried, and people are going about asking question about them.

"The whole air of suspicion is just not such as to produce good

collaboration, the kind of really wholehearted collaboration between military men and the scientific community that we very much need to have for the problems that are ahead of us.

"For we are not at the end of the possible development of weapons. Not all the problems have, by any means, been solved. We hear a great deal about A-bombs and H-bombs; we do not hear as much about biological warfare, but I can assure you gentlemen that I am as deeply concerned about that as a possibility as I am about fission bombs and fusion bombs.

"I can also say to you that the morale of the scientists today as I meet them is low, so low that while they will not refuse to serve, they will serve without enthusiasm and without fruitful inspiration...

".....We also need to clear up the security matter and get back on firm ground. It is merely a question of how well the scientist group will work.

"There will be no refusal on the part of scientific men to respond when called on. You won't find any strikes, or any such thing. But scientists today are discouraged and downhearted and feel that they are being pushed out, and they are...

"The morale is very low indeed, and it is quite natural that it should be. Let me give you an

example. I could give you dozens of examples.

"I met a week ago a man who was a member of the scientific committee that is advisory to the Security Council, and he said to me, "Well, we have practically stopped working. It is quite impossible to accomplish anything in this atmosphere."

"Now, that is the sort of reaction I would get out of 3 out of 4 scientists today. They go on working, they feel that they are not welcome, that they are regarded with suspicion, that some of the men who led them during the war are now being questioned and their security and loyalty are in doubt.

"They are like an army without trust in their top leadership or in the political leadership of the country.

"They feel they are part of a group that at the present time is not considered necessary, that they are looked on askance by their neighbors, and they have no enthusiasm, they have no heart for their work.

"I think the basic problem is far deeper than any one move, but I feel that the President's Executive order and the way it has been implemented have been very unfortunate and have increased the seriousness of the situation.

"The basic fact is that this country has been going through a

wave of hysteria. When people are afraid they do strange things. One of their immediate responses is a tendency to abandon their liberties, they tend to ride roughshod over some of their own fundamental rights.

"We are afraid in this country, and quite rightly so; we should be afraid in the proper sense in a day of H-bombs; we should be afraid, also, of a situation in which we know that Communists have penetrated our defense. We have traitors in our midst, and there is reason for being afraid of them. But our fear in this country has taken the form of a hysteria in which we have gone to extremes, and we have disregarded rights.

"We have put all our emphasis on preventing some of our secrets from leaking and no emphasis to speak of upon getting some secrets that might be worth leaking and into this situation came the Executive order, and I think it was poorly drawn, has been poorly interpreted, and has made the situation much worse than it was before."

This ends Dr. Bush's statement, and I quote it, not to rail against the security program which is so unpopular, but only to show that there is a lack of the proper liaison between our military and political levels and our scientific brainpower, and that for a number

of reasons, there may be a hindrance to the performance best for all of us in the long run. If it is not in the safeguarding of our future through a proper examination of the risks we are taking in developing the bomb and peacetime power, it is, at least in the hindrance of the proper defense of our country against a Russian science which may be progressing faster than we are through sheer brutality and force and enslavement.

I point to these things only to suggest that it might just be possible that we are not being told everything (namely the long-range dangers) in the hope that the question of world domination may be settled before the actual danger point is passed; and that those who have the knowledge to tell us are deterred by the fact that the secrecy actually being imposed is a certain indication that any talking loosely might be quite dangerous to their actual persons, in the sense that it was dangerous to Dr. Oppenheimer, who is today an outcast, even though "cleared."

Perhaps it is NOT true that our atmosphere will be poisoned. If so, can we ask for and receive a proper investigation, and a final conclusive proof that it is not being poisoned, and will not be poisoned, through either war or peacetime use of the atom? The only way to find out is to ask.

If we are to believe (and what

else can we do?) in the facts that have been presented here, then truly there is "no place to hide." We have seen that there is no place to dispose of radioactive debris, ashes, waste products. We have seen that there is positive and continual evidence that our atmosphere is already partially and haphazardly poisoned. We have seen that reputable scientists are speaking out, but being heard only by minority groups because worldwide publicity, is not being given to their warnings. What we have not seen is the report of what ten years of observations have come to in the effects of the Hiroshima and Nagasaki bombs.

Not a geneticist in the world but will state flatly that radioactives and the rays from them will upset the genes and cause what are known as mutations. And very little exposure is necessary. Not a geneticist in the world will deny that the exposure can remain unproductive of result until many years later, or even many generations later. There has simply not been enough time to tell what will happen to the descendants of Hiroshima victims. But we do know that the incidence of Mongolian Idiots in Hiroshima births has risen to 800% of normal! We do know that in the Bikini tests, corn, and other grains, have mutuated, and successive generation are not even recognizable as corn or other grains. Undoubtedly

there are many more early effects of the radioactives which have not been publicized they are not yet "conclusive."

Must we wait until the stark horror of a "monster" is thrust into our own household? Have we no right to ask that precautions be taken to prevent such a monster from being brought out of our loins for us to nurse at our breasts and bestow our mother's love upon? Have we no right to ask that the possibility of a future existence for our children, and their unborn children not be denied them because of sterility, whether it be only haphazard, or involve the total population? Have the weapons makers the right to disregard the possibility of even one child being sterile because of their tests? Or have the industrialists the right to sacrifice the virility of one man to an atomic monster in the form of a machine?

On the very face of it, atomic energy is a farce. What is proposed is to heat water with it! And with the hot water to create electrical energy by the use of steam on turbines, just as we do with coal! There are many other ways to heat water. And without the ashes of death which have already terrorized an entire nation of 80,000,000 people, so that they fear to eat even the fish they must eat to stay alive.

Dr. Sturtevant has told us that the bombs already exploded have

exposed us to radiation which POSITIVELY will produce numerous human MONSTERS. Is Dr. Sturtevant a liar, a fool, an incompetent; or is his word worth consideration? If so, then why is it not being considered! Must we increase the number of monsters manyfold before Dr. Sturtevant's warning will be heeded? I (at least) DEMAND that Dr. Sturtevant be answered. I insist that he be squelched if he is not telling the truth, and has no foundation whatsoever for so frightening a statement.

If the examiners who reported the radioactivity in the cattle placed on sale in our meat markets are liars, I insist that they be confronted with their lies; and if they tell the truth, I insist that no more of such meat be sold, and more, I insist that no more radioactives be poured into our atmosphere to contaminate those cattle - because worse than that, I do not wish to have my OWN thyroid gland rendered thirty-two times more radioactive than normal! Nor any one else!

If I am to die, I prefer to take my chances that it be at the hands of a Russian (from whom I can run!) rather than from an invisible, soundless, sneaking, horrible death I cannot even detect until it has murdered me!

Is it true that Japanese persons have become ill from drinking radioactive rainwater? Show me,

with your Geiger counters, that my own rainwater is not radioactive more than is normal. And if it is, I ask what right you have to make me sick, and demand that you stop the activity which is making me sick! If The Christian Science Monitor is falsely reporting to its readers, it should be exposed. Perhaps Admiral Strauss can expose it! If he cannot, he should be removed so that his unfactual statements can do no further harm!

In the light of the evidence which any man on the street can obtain, it seems that there is great danger. Thus, I ask that all atomic work stop, until we can get the truth out of our scientists. It is necessary to use the greatest of caution in a matter so serious. If the argument that the Russians will not stop is advanced, go ahead and build your bombs, ready to retaliate against the Russians in the event they start anything. Certainly the bombs we've already tested are more than sufficient to serve any possible purpose! Why, we can see plainly already that if we just use

what we have, we cannot exist as a living race on this planet, but will have committed suicide. Do we need a bigger gun to blow off our heads? But DON'T test any more! DON'T spill any more radioactives into the air! And if the Russians continue, do all in your power to STOP them. Let the scientist speak, and convince not only me, but the Russians of the danger (or the non-danger).

I read what many important and honorable and able scientists have said, and I am frightened. I ask myself why they have not been heard - obviously they have not, for the tests are going to continue. And I say to myself MYSTIC is a magazine of small circulation; few people will read these words of those great scientists.

But maybe they will ALL write to their congressman! After all, that is the way we do things in this country! The truth can't be held down for long in the good old USA!

Let's find out before it's too late!



After reading the foregoing article, would you believe that it had been published in 1955? We have reprinted it now, from the pages of MYSTIC, which was the original title for SEARCH, of April, 1955, actually on sale in February, 1955. Today it has proved amazingly prophetic - how much so you will discover in the article immediately following, which brings the atom bomb picture up to date.

BOMBS and BABIES

have we already murdered the human race?

By RAY PALMER

FOR A BEGINNING to this article, I would like to quote one sentence from the previous article. It is this one: "Must we wait until the stark horror of a 'monster' is thrust into our own household?"

A few months ago, a true "monster" story hit the headlines and gave the world a chill and a shudder. But it was a passing chill, and today it is remembered only as a past event of distasteful nature by most people, and by others as a very sad remembrance only because there is a terrible reminder constantly before their eyes - this reminder being in the form of a beloved, but horribly misshapen, son or daughter. Most of these human "monsters", so pitiful in

their deformity, which consists of missing arms and legs for the most part, are to be found in Germany, because it was there that the drug "thalidomide" was most widely used by pregnant women to alleviate the discomfort of their "morning sickness". The drug is no longer being used today, and in this country it was never used except to a minute experimental degree because one of our alert guardians of public health had not sanctioned the drug in the first place in spite of its wide usage in Europe. For this she is to be highly commended.

But just recently several very odd facts have come to light. One of them is a statistic. It reveals that out of the 4,000-odd "thalid-

omide babies" born in Germany, only 25% of the mothers actually took the drug. The physician who presents us with these official figures asks a quite natural question: "What caused the other 75% of deformities?"

The other fact is the result, in part, of a several-year-long survey conducted by this writer, and the published opinions of several doctors who have apparently been conducting their own survey - engendered by a suspicion instilled in their minds by certain trends noted in their daily practice of treating patients. It might be best to begin at the end with this bit of information, and give the most recent experience of this writer, as a graphic illustration.

To those of you who are regular readers of this magazine, it has been noted that it has skipped an issue (the February, 1963 issue). This issue will be made up for by an extra issue later in the year, but the keeping of this promise may well depend on a non-recurrence of the event that caused the skipped issue in the first place. The reason was quite simple - the editor became ill. The illness took place about three weeks after the United States demonstrated that the atom bomb can be used peacefully to build such things as harbors or to remove annoying mountains. You will remember the underground test which left a large crater in

the earth. You will be able, if you are sufficiently perceptive, to link this explosion with one mentioned in the previous article which vaporized an entire island, and which "scared hell" out of the scientists who thought they had "gone and done it". The result of that earlier test was to throw into the atmosphere millions of tons of radioactive dust which will take from fifteen to twenty more years to finish descending to the earth and completing its ugly job of contamination (as the second dirtiest bomb on record - the first was a Russian test which scared the Russians worse than ours scared us).

The point to be made here is that just as the first test was dirty because it hurled millions of tons of dangerous radioactive dust into the atmosphere, so did this latest test add to the fatal cloud over our heads. Your editor won't live to see the last of this cloud come down, but it will come down. On his children and upon yours!

It was this cloud which was depositing its initial strontium-90 fallout which I will ask the reader to bear in mind.

True to government predictions of the imminence of a wave of "Asian flu" (always predicted after a "dirty" bomb test - if you will take the trouble to check the timing of the two for yourself), this editor came down with it - and it was a quite uncomfortable thing.

Along with it came an attack of what we thought was "bursitis", which is an inflammation of things called bursa in the shoulder joint. The condition known as bursitis is the inflammation in the joint caused by deposits of calcium. Sometimes this calcium will dissolve, sometimes it must be removed by surgery. It is hellishly painful. In fact, so painful was this attack that it seemed more than bursitis, and we feared it was actually an approaching heart attack. So we had an electro-cardiogram and also complete blood tests. The results were completely negative.

What was the verdict of the physician? It was quite an astounding one. He said flatly: "Atom bomb." When he said it he was merely confirming the research of three years among physicians which we have made in an effort to determine if there is any growing conviction among the medical profession that atomic poisoning of the atmosphere has reached the state of being positively recognized as the cause of the mounting flood of "mystery ailments" which are plaguing the doctors' diagnostic and treatment powers. It is the fact (!) which we are now about to give you, and which we suggest that any one of you can confirm beyond all doubt by questioning enough physicians.

Let's take the bursitis first. It is a well-known fact that the two

elements calcium and strontium are chemically related. They are so closely related, in fact, that they are virtual twins. The human body (and even a vegetable) is unable to discern the difference between the two, and will take up either one in the impression they are both calcium, necessary for bone building and for good teeth. In the human body, the calcium is deposited in the marrow of the bones, where it plays a part, not only in bone and tooth building, but in the manufacture of red blood cells. Any surplus picked up by the body can be deposited in the joints, or in the walls of the veins, where it causes hardening of the arteries in a contributory fashion. Thus it is that strontium-90 can be deposited in a shoulder joint, cause normal frictional irritation of the delicate bursa, which perform the function of lubricating the joint, plus radioactive ray burns which greatly heighten the inflammation.

The manner in which the strontium-90 arrives in the joint is via the lungs. It is breathed in with the air, and the rays, now in close contact with the nasal passages, the sinuses, the lung tissue itself, cause burns very similar to sunburn or x-ray burns. These burns produce the symptoms known as "Asian flu", which are exactly like those of ordinary virus flu. Runny nose, swollen sinuses, a cough, fever, debility, dull aches

and pains, particularly peritoneal and chest, loss of appetite, etc. This atom bomb produced "flu" is distinguished from virus flu by the term "Asian" (from the fact that it was an Asian bomb test which produced the first recognizable epidemic of respiratory poisoning due to air-borne radioactives.) Doctors know full well that there is no treatment for Asian flu but bed-rest, large doses of vitamins, soothing syrups to allay the rawness of nasal passages. They know that within a few days' time the body will eliminate the bulk of the poisonous particles with the exception of those which become chemically locked in the bones and marrow from which they will never be eliminated. They know, too, that in older people, inasmuch as the bones are already formed, little or no strontium-90 or calcium is deposited there; but in the case of younger people, a good amount is being deposited.

Thus, in the case of older people, the discomforts and dangers amount to temporary illnesses such as "flu" and bursitis and kidney-bladder-liver upsets. In the case of younger people, to these discomforts is added a future danger that is much more ominous. The radiating rays of the strontium-90 will cause leukemia (blood cancer), bone cancers, gene disorders (the cause of birth deformities and mutations), sterility and

mental disorders.

Now that we have mentioned birth deformities, we can hear many people, including physicians, beginning to bridle, because they anticipate that we are going to blame the thalidomide monsters on radioactivity. So let it be firmly established that thalidomide does cause this particular type of deformity, and is the cause of many such monsters. The true fact in the linkage between thalidomide drugs and radioactive particles is the same as between radioactive particles and fluorine. It has been established by the medical profession that radioactive contamination which ordinarily can be within acceptable limits (which are acceptable only in the sense that half a bullet through your heart is more acceptable than a whole bullet), becomes highly dangerous in chemical combination with fluorine which serves as a catalyst to boost the activity to fantastic proportions. In exactly the same manner does thalidomide boost the gene damage results of radioactive exposure to "monster" proportions. The thalidomide alone can cause these deformities of the limbs, and radioactivity can cause them. In combination they accentuate them. The worst deformities are caused by this interaction.

Today "thalidomide" deformities are still occurring in cases where the drug has not been taken,

and they will continue. These are atom bomb casualties. The facts are not getting publicity for a very simple reason - the authorities of the governments of the world have weighed the deformity of your child against something called "national safety", and have decided that the bomb tests must continue. But before we examine this premise to its logical conclusion, let's continue with our list of physical ailments.

Since the advent of the bomb, there has been a four-fold increase in miscarriages in human births over normal levels, due to the fact of radiation during the critical first three weeks of incubation. Any doctor can confirm this for you, even if he is puzzled as to the cause of the increase.

We all know that the incidence of so-called "mongolian births" has increased, particularly among the populations of Hiroshima and Nagasaki where the increase is a fantastic and horrible 800%!

Lung cancer is taking a very sharp upward trend. Cigarettes, air pollution, radioactives are all combining to make it a fearful menace to the future health of the world's people.

Lukemia is climbing steadily, especially among the young. It is a common occurrence for a baby to be born with leukemia, something not heard of before the bomb.

Baldness is increasing. Haven't

you wondered why so many football players now display that shiny dome as well as the previously familiar black gaps in their front teeth? But it isn't only football players, but all of us who are losing our hair. Particularly those of us who habitually go without a hat.

Physicians the world over are convinced of the truth, and very many of them speak about it very freely - there is a frightening amount of radioactive poison in the air, the water, the soil and therefore in the food we eat. It is causing "new" diseases for which there is no known treatment. It is accentuating known diseases. And what is happening now is only the beginning. This writer has in his possession newspaper clippings, magazine articles, and private comments by physicians positive evidence and documentation which could be reproduced in support of this research, but they would only be a waste of space needed to say a few more things which are necessary to say. Perhaps it would be better to invite those physicians among our readers who have something to say, either to support or to refute our amateur research, to write their opinions for publication in this magazine. We know of at least one physician who is so disturbed by the situation that he is writing a book even with the knowledge that no book publisher will risk publishing the information he

intends to present. We would like to assure him that when he finishes the manuscript, we will not lack the guts to publish it for him! The reason he feels he cannot get a publisher is his conviction that speech is not really free any more in this country, and that it has been supplanted by censorship under the guise of "national security". From this we gather his book is also of high controversy in a political-sociological vein. How many of you readers would hold that against him?

Let's go back now to the matter of the bomb and contamination. In the article previous to this it was pointed out that there are many opinions on the number of bombs that can be exploded in any one period of time (say ten years) before a contamination level is reached which might be called the "point of no return". In this previous article, the question was asked: "Will atomic power murder the human race?" and the answer was that it could. One of the extreme figures given as making such murder possible was the outside one of 1,000 bombs. At the time that article was written (1954), only about 50 bombs had been exploded. Today the figure of 1,000 is very near, if it has not already been exceeded. The testing is continuing at a pace that can only be called break-neck. There is no longer any word said

concerning the "danger point" of pollution level. All we hear nowadays is "permissible". This word is a strange one, because it has a new meaning. Permissible also contains the connotation "permissible by whom", and the answer is "by the military deciders in the Pentagon". Today the matter of the welfare of the citizen is a matter of uniformed brass deciding which is best: mass death in war, or slow death by disease and poison, with the added factor that the latter is an unknown quantity which includes in its unknowables the fact that the slow death may be far worse than the quick, and a hell of a lot more certain and final. We might survive a quick atom war, as humanity. We cannot survive total suicide because the point of no return is the ultimate point. A war might fall sort of the ultimate. A soldier who takes his chances in battle can survive. A man who shoots himself through the head with an elephant gun cannot.

Has anything changed since the factors of amounts of contamination from each bomb test were suggested (and recorded) back in 1954? Do you understand what is meant by a "clean" bomb? Do you understand from your sources of public information that bombs nowadays are clean? A clean bomb is one that does not scatter its radioactive dust over you. Thus a clean bomb

is one that explodes, possibly, in outer space, or deep underground with no eruption to the surface. In the latter case, the contamination of underground water supplies is quite possible. No other bomb is clean. Radioactivity is still the characteristic of exploded atoms. Fusion is not as bad as fission. But the choice between the two is academic. Whether you split apart one element to make two or three or join two or three to make one is immaterial. The atomic activity excites many elements, making them radiate for varying lengths of time. Some only for a fraction of a second, others for thousands of years. A bomb which radiates and hurls millions of tons of matter into the atmosphere is dirty, no matter if you call it hydrogen or uranium - fusion or fission.

The truth is that there actually exists a point where the atmosphere, the water and the earth can be contaminated to a fatally poisonous degree, and the argument as to precisely how many bombs will do it is futile. Since we are now testing without counting, the point will be reached inevitably. If 500 bombs or 750 is the point, it has already been reached. No one really knows. The sad part is that those who ask, and who would like to try to find out, are ignored, and the ignorant plunge on uncaring and unthinking and irresponsibly. They

point to the nearby bear and discount the tiger beyond the hill. This is a human failing, but it is worse than a failing for free men to submit to the dictates of an idiot because he happens to hold the gun which represents power. Give a man power, and even if he says he will wield it to your best interest, he WILL wield it!

What are the facts regarding Hiroshima and Nagasaki sixteen years after? Do you know them? And if you say you do because you read official reports in the newspapers, can you be sure that report is the truth? How can it be the truth when it is government policy today to lie, because the lie is useful as a weapon against the enemy? It is excusable and permissible to lie to the American citizen because we wish to lie to the Russian soldier!

What are the facts about the aftermath of those two first bombs? Does the report in our newspapers agree with that in the Japanese? The answer to that is elementary - they do NOT!

Have you ever seen in your newspaper the announcement that in Niigata, Japan, after the big 1962 Russian tests, the radiation count was 220,000 per hour? Do you know how far above the permissible level this is? Have you ever heard the expression "Concentrated Heavy Rain Fall"? It is a very common one in Japan, and

it means both highly radioactive and highly concentrated (by volume) rainfall. It is the great terror in Japan, because under the onslaught of such rainfalls, the damage to housing is terrific, because houses in Japan are so flimsy. A house constructed to withstand earthquake is a paper shell against flood. In Japan there is no argument (and no governmental assurances) that the atom bomb does not effect the weather. The atom bomb simply DOES effect the weather, and disastrously. It is textbook information - truth. In this country it is denied, in spite of the fact that every meteorologist in the country knows differently. Why does he not speak out, as his counterpart in Japan does? He does not because he fears his dictators in the Pentagon!

Also in Japan a survey of average temperatures has been carried on, and the conclusion reached is that the earth is warming to a degree they call the "death pathway", and they say: "This is the result of nuclear explosions making the air layer uncertain and affecting a change in the earth's magnetism.

It is too bad that you do not read Japanese, and subscribe to Japanese newspapers. If the truth is the truth, it would translate identically whether in English or Japanese. Why is it that the "official" facts contradict each other depending on

which government is giving them to its people?

In 1954, we gave what information we had on atomic testing, and the best guesses on its danger and what would happen. Today we read those guesses over (in the preceding article) and we are amazed at the prophecy contained in them. We can find our "thalidomide babies", our weather influences, our "Concentrated Heavy Rain Fall", our official censorship, our intimidation of private citizens, our usurpation of civil liberties by power groups, our milk and food contamination, our waves of new diseases, our rising rate of sterility, and our mad acts of war, our deteriorating morals, both public and private.

We have seen the "tolerance" levels of exposure to radiation raised so many times that we have lost count. We have seen people walking about with radiation sores on their faces and bodies and have been alarmed at the increase in carcinoma (!). We have seen a new generation admitted to have the unremovable seeds of their destruction implanted in their bones, a new element never before known on the earth except in the laboratory, strontium-90 - to say nothing of other elements such as radioactive iodine, fluorine, etc.

Never before in the earth's known history has a child nurtured within his marrow so hor-

rible an enemy to his health and life. Never before has the human animal been menaced by an enemy totally invisible, indetectible by any normal senses. The cave man could flee to his cave and hide from the tiger, but your child and mine has no place to hide, and cannot even see the tiger!

It has been established also, and ignored, that old age is nothing more than tissue degeneration due to atomic radiation. Our life span of 70 years is geared to the normal background radioactivity so much used to allay our fears "because that is no different than the bomb, and it has always been there, and it does not kill us", BUT IT DOES!

Every bit of added radiation cuts down our life span. Science knows this now. But it quibbles by setting the amounts at weeks or months, or at most, a few years. Even a slow progression of poison which causes old age will eventually reach a point where death occurs before maturity, and therefore reproduction, and racial extermination is the result. Have we set in motion the forces that will push us to this fatal point? Have we indeed committed suicide without realizing it? Can we discover if we have not? How will we discover it, and thus relieve our minds of this terror? By continuing to take the bland assurances of those who are totally ignorant whereof they speak? Or should we

ask them to cease and desist while we let the best minds among us try to discover the truth? Why should we not proceed on the premise that what has already happened is "bad medicine" and stop swallowing it simply to halt an evil thing where it is and let it go no further (even if some of us might consider it permissible). I, for one, do not consider it permissible to undergo the agony of the past month on a purely personal basis. The bomb is hurting me. I don't want to hurt. I do not propose to accept that hurt at the hands of those who would rule me by arbitrary action to which they have no moral or constitutional right.

It may be that they are right in their decision, but I ask that I be given a chance to share in this decision. If I am to die by suicide, I ask that my hand also be upon the gun that does the job!

I do not mind giving up my life to defend my liberty, but I do not want to give up my liberty to save my life! Especially if my life is to be lost also!

There is much talk among the gentlemen with striped pants as to a test-ban agreement and on-site inspection, and also on the subject of disarmament. But all their talk comes to nothing, and for a very good reason. This policy of secrecy utterly destroys any possibility of agreement.

There are two quotations which

are favorites of Americans. One of them is that biblical one: "Know the truth and it shall make you free", and that political one: "An informed people is a free people". In this case, here is the only possible answer to our problem. If all the peoples of the world were properly informed, and were told the truth, we would need no gentlemen in striped pants, no conferences, no governmental action - the people themselves would demand and put into effect total nuclear disarmament and end forever all testing.

When a family is faced by a ravening tiger, there is no discussion as to whether or not to allow the tiger to eat them; nor is a child thrown to the tiger on the premise that the tiger will be appeased and never more become hungry, thus saving the lives of the family.

If the child is sacrificed, the family of the future will not exist, for he is the family of the future.

There can be but one answer to the predicament that faces us, and that is an end to secrecy, deceit, evasion, unilateral decision, governmental "policy" unknown to the people who are being governed. The constitution recognized that government must be by consent of the governed, and intelligent consent can only be given if full information is available.

The facts regarding the atomic bomb testing and the poisoning of our planet cannot be refuted if they

are brought into public light. The testimony of thousands who know the truth would be decisive if they were given a country-wide, world-wide audience, without fear of reprisal in the form of "official denial or official contradiction".

Even if there were no threat of bomb poisoning, the violation of the constitution by this new policy of mon-information, secrecy, deliberation-information, secrecy, deliberate lying because it is rationalized that the untruth is a potent weapon in war, hot or cold, is a danger which should be met immediately. The truth is that the world is filled today with traitors in government who make Benedict Arnold look like a piker. Some of these traitors know what they are doing, others are unconscious of the powers that guide them, others are well-meaning but terribly in error. Because this secrecy weapon gives them the power, their errors are foisted upon us. We must be free even from well-meaning fools!

Or is it really too late, and we have killed ourselves, and already we are insane and cannot know the truth even if it is told to us? If so, let us pray that the one scientific premise we haven't mentioned may be true - that the human animal may mutate under the rays of the bomb, and develop the power to adapt to radioactivity, even draw upon it for his life.

There is a saying that two heads

are better than one. Perhaps with two heads man may at last learn to live in peace! But this man would

prefer not to be left with this last forlorn hope, if there is yet time!

A

BIGGER

BY

BRINSLEY
LE POER
TRENCH

UNIVERSE?

SOMEWHERE in the human organism data is stored.

Many modern researchers think that somehow a record is made and filed of every event, subjective or objective, above a certain very low level of impact. This is not a particularly new idea, although in earlier times it was expressed in different terms than it is customary to use in our own age.

The complete record of the life-history of an individual is not

available to his normal waking experience. This awareness appears to function above a much higher threshold of impact than the absolute minimum required to install the permanent record. Experiences from this higher range tend to lose energy after a while. They may fade and fall below the threshold of waking awareness. The organism is said to forget such data, but the data forgotten is not obliterated. It is, so to speak, only stored away in a sub-stratum of lower-energy records. Under suitable circumstances such as stress, deep reverie, trance or hypnosis, the forgotten data can be contacted and

recalled again. All this is, at least, one theory of what happens. How it happens is still even more debatable at this point in history than the theory itself. Many people who have attempted to work with the theory regard it as being based upon actual fact and supportable to some degree.

Apparently the number of possible items that can be recorded and filed by the human organism is very great, but it would seem to be obvious that any creature who has existed for only a definite period of time would not have had the opportunity to store up an infinite number of impressions. There will be far more possible events, sensory emotional, and mental, existing outside the sphere of his experience than he has had time to perceive and to record.

That sphere of experience, as recorded both above and below the threshold of his normal waking awareness, constitutes the universe in which the organism, be it amoeba, ant, human being or any other creature, lives. Each exists in his own continuum. Where parallel data is filed in more than one individual storehouse, an agreement becomes possible. This agreement constitutes a subjective reality. This subjective reality may not actually coincide with the natural world in every detail, since it is the product of whatever perception is available to the crea-

tures who have formed it out of the records of their own experience.

Color-blind persons have a very different reality on traffic-lights than their fellow human beings have whose eyes react to a wider (but still incomplete) spectrum of radiation at the level we call light. Those who do react to the wider range of frequencies greatly outnumber the color-blind who are, therefore, held to be deficient and abnormal. The color-blind person would have great difficulty in imagining what the color he could not see was like - if he could manage to do such a thing at all. "Explaining pink to a man born blind" has become a cliche denoting the impossible. The idea "what is it like?" is a key to the problem.

Every new datum gathered from each new experience must, apparently, be relatable to some previously recorded datum or category of data if it is to find a place within the human organism's filing system above the threshold of his normal waking awareness. If it cannot be so related it is rejected, either immediately or fairly soon, by the acceptably sane and well-ordered mind, as Impossible or Unreal. The new datum must be like some other datum already acquired and filed if it is to be comprehensible. Otherwise, if the rejection does not take place, the

mind occupies itself with an unending, frantic search for a proper pigeon-hole, or the right connector. Its energies are scattered and dissipated, its efficiency is impaired, and it goes crazy. It may even "blow all its fuses" and blank out entirely. That is, so much energy will be withdrawn from the ordinarily available records that do not correspond to an overwhelming datum that cannot be rejected, that all data normally available (including the new impression) will drop below the threshold of awareness. Fainting, unconsciousness, amnesia and coma, are all manifestations of this condition under certain circumstances.

There are many other possible reactions which we call emotional that can occur before these more drastic symptoms appear. In fact, any level of the emotional spectrum may be activated by an unsuccessful attempt to reject a new datum impossible to assimilate into the already existing pattern of experience. Boredom, anger, fear, grief and apathy, are commonly observed examples. Thus, the human mind (or whatever you care to call it, since other organisms that are not human share the same or similar reactions under like conditions) has certain limitations. These boundaries are also the horizons within which communication with that mind is possible.

Anything outside the sphere of the mind's accumulated data on whatever experience the organism has had is beyond its ken if it cannot be related to or connected to the store of records. Consequently, as a result of a natural restriction, the completely unfamiliar datum is automatically classified and catalogued as "Impossible".

The real break-throughs in any field of human activity have been extremely few. If the recent finds of what may have been mankind's forerunners on this globe have been correctly assessed, those early pre-men roamed the world for an incredibly long time before some radical experimenter devised a way to improve upon the natural shape of a convenient stone and realized he had something worth repeating. One wonders how much more time and effort were required, even then, to induce others of his fellows to copy his new-fangled notion - or how often the same sort of genius had to appear, try, and fail, before the idea caught on. It is certainly not beyond thinking that somewhere along the line it became emotionally necessary to devise just punishments for such deviations inspired by a genius for making unpopular associations, such tampering with tradition, such heresies. If there were any guardian angels about in those days (self-appointed or otherwise) they must

have found out early in the game how dangerously difficult it was to inject a radical innovation into the stream of accumulated customary method.

In our own time, most experimenters engaged in scientific research arrive at what they call their inventions or break-throughs by applying one set of data to another. Bravely, they are looking for unfamiliar, but theoretically predictable, combinations, or extensions in predictable directions, of data that has already been at least partially formulated. If one set of ideas (records) does not immediately fit in with another set, further pieces of data are juggled into the tentative pattern together with a selection of some of the original pieces, and so on, and on. This sort of research is very tedious and slow. It requires more patience than the putting together of a thousand-piece jigsaw puzzle. However, it goes on entirely within the sphere of connected and connectable experience. Applied research already has an idea of what it wants to achieve before it starts to look for its new combinations. This limits its possibilities still further, at the outset.

Only by accident can an entirely new concept appear which may demand a new and different theory for its explanation. Then its discoverer must undertake the long,

hard, uphill task of convincing somebody else that his new idea is real and possible. Thereafter, at least under most of the present systems of research, the lucky bungler will have to convince whoever put up money for research in quite another direction that the new deviation is worth developing. If he can manage to do this, then the world may get a new drug, a new mathematical theory or some new form of propulsion, as a result of his endeavors.

We doubt, however, that all this has very much to do with true creative thought or real creation as it exists and functions throughout the greater part of the Cosmos.

The full potential of the creative human mind is incalculable. We simply have no idea where its ultimate horizons lie or what it is actually capable of accomplishing. An assessment of its achievements, even during the past few decades, suggests that it is still working on one cylinder. Occasionally, the next-in-series gives a smoky cough, or a pop, or a bang, but on the whole, the human engine keeps pumping along on the same old power-source it has used since the dawn of history - the one we can label out of our well-developed modern vocabulary, its emotions. Most of the reactions (and actions) of the majority of the human race stem directly from or are colored

by the effects of activities originating from this category, or arbitrary division, or real sector of subjective function.

Hardly anyone can say truthfully that he deliberately uses his emotions more than very occasionally. As a matter of fact, if he does, his fellow human beings may react unfavorably and call him cold, calculating, heartless, inhuman and insincere! Most of the time our emotions are using most of us. We allow ourselves to be pushed around by them and continue to be the willing victims, the puppets, of installed and automatic reactions. Why? Because it is generally agreed by the inhabitants of the earth that it is right, proper, and acceptable, for human beings to be that way. So we continue to react more or less blindly to our emotions every day of our lives, and although we need not go all the way with the fundamental Freudian interpretations, sometimes the reactions can lead to most unfortunate results.

Emotional reaction tends to assume definite and distinguishable patterns and to become habitual. These patterns and habits are communicable from one individual to another. Children copy their elders, other children, and even animals. Patterns of reactive behavior are handed down in families, are assumed by groups, and they can be so widely accepted

that they become what people think of in a general sense as national and even racial characteristics. In none of these instances is the acceptance or the copying completely universal throughout the membership of the group concerned, although it can be very widespread. There are always some individuals who remain dissimilar. In general, the larger the group, the more deviators there are within it.

Nevertheless, in any family, or in any other group, there are certain patterns that are allowed and accepted, and there are other patterns and habits which are discouraged or not tolerated at all. There is a norm for the group, and all who abide by that norm are appreciated as being normal. Any group-member who exhibits patterns of emotional reaction that are not acceptable or allowed is, of course, not appreciated. He is abnormal, and if his abnormal patterns are impossible to connect in any way with the standard acceptances of the group to which he is supposed to belong, he is called insane.

It is an interesting idea to play with that perhaps a visitor from another part of the Universe (if such there could possibly be!) observed and assessed the behavior of the human race according to his own set of emotional - and possibly reactive - values,

would he regard our kind as sane? Or, would he say we were sick? Or, would he think we were insane?

To take the idea even further, if emotional reactions were not acceptable to his group at all, if, perhaps, such reactions fell below the level of his ordinary awareness and so made no conscious impact upon his recording mechanisms, how many of our actions would be comprehensible to him? How much of our behavior could he explain in any manner satisfactory to himself - let alone to us? Suppose such a visitor had a four-cylinder mental engine, in good working order, and tuned up to peak performance. We wonder what the human race might look like to him!

If there are superior races in the universe, perhaps this or something like it could be at least a part of the explanation for their supposed reluctance to communicate directly, at length, and publicly to great numbers of human beings. After all, a so-called normal human being on this planet would not think much of the idea of living with a bunch of lunatics for any length of time. Only mental specialists care to do that.

From the point of view of our own personal file of data, be it considered sane or otherwise by the groups in which we pretend to function, we accept that history provides much evidence that visit-

ing mental specialists do come among us from other places. Life in their part of the universe may be very different from our life here. It may run along some extremely unfamiliar lines. The principles that govern and motivate its every-day events may vary considerably from those we know and use-and-are-used-by, at least in terms of pattern and evaluation. This need not make it immediately dangerous to us or anything we cherish, except, perhaps, a few of our inherited acceptances. It might not harm anything more precious than our habits to learn how to live within the expanded horizon of a bigger universe. We suspect further, that despite two utterly insane world wars in recent history, that humanity has possibilities. We believe that, given a reasonable opportunity, it can learn how to associate new data with its old patterns without involving itself in disturbing and destructive automatic rejections of the unfamiliar. If we are right, perhaps the human race may someday find itself outside its self-created limitations. Perhaps then those boundaries which once looked so much like its last defences will appear to it, in retrospect, in another light. They may look as much like a kind of lunatic asylum as the tormented and frightened bedlam of superstition that motivated the Aztecs or the Inquisition.

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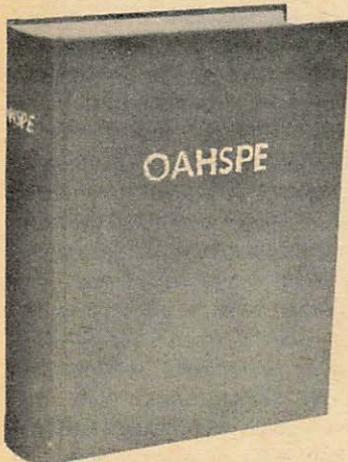
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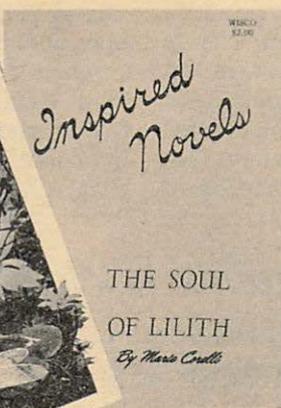
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- For sale a scarce book of Astrology by Alfred T. Pearce Vol. 1 Genethlialogy print in London. Also Fate Magazines 1959 to 1962 - 30¢ each. Lillian Lippe, Orange St., Brentwood, New York.
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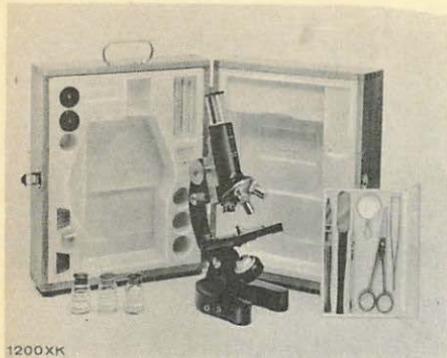
Psychic Experiences by Katherine Beaton-Troker, Vantage Press, 120 West 31 St., New York 1, N.Y. 1962, 62 pages. Price \$2.50. Order from: Mrs. Katherine Beaton-Troker, 560 Westminster Ave., Elizabeth, New Jersey.

PERSONAL

Would like to contact people of long standing in the UFO field who have come to the conclusion that the reason the saucers are here, is the same as the theory as expressed by Immanuel Velikovsky in his book, Worlds In Collision (Doubleday 1950, Gray Barker sells, Box 2228 Clarksburg, West Va.) Frank Scully knew the answer and stated in his chapter, Theories In Collision, in Behind The Flying Saucers. In Flying Saucers and The Straight Line Mystery, page 271, it tells of two German men and women picking up Evert Clarks dog, Nov. 6, 1957. And later a little man picked up the dog of John Trasco, page 273. Serious? You bet! On page 264, Velikovsky says, in Babylonian Astrological texts, it is said that a star takes the shape of divers animals: "lion, jackel, dog, pig, fish" the planet Mars, its atmosphere distorted by its approaches to celestial bodies - Venus, Earth, Moon - took on different shapes . . . Venus suddenly ran into the Wolf star. "Wolf star apparently means Mars". The North-Germanic tribes spoke of the Wolf skoll, that pursued the Sun, (Götterdämmerung - By Wagner). George C. Wilson, P. Box Nineteen-twelve, Farmington, New Mexico.

BEGINNING IN THE JUNE ISSUE: "THIRTY YEARS AMONG THE DEAD"

By Dr. Carl W. Wickland



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3. Fast focus adjustment
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11. Revolving substage aperture with 3 color filters
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13. 3 volt electric lamp
14. Adjustable arm arms 90°
15. Heavy die cast base
16. Jack plug outlet for house current
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17. 8X wide angle eyepiece
18. 20X eyepiece
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