9 April 1968

Nothing But the Facts on UFOs

or

Which Novosti Writer Do You Read?

- 1. Whether you believe in unidentified flying objects (UFOs) or not, Novosti (APN -- the Soviet "unofficial" news agency) agrees with you. We are forwarding attached reproductions of two articles which argue both sides of the issue:
 - a. "Unidentified Flying Objects" by Felix Zigel, Notion of Science (Technology), Assistant Professor, Moscow Aviation Institute, appearing in the February 1968 issue of Soviet Life (counterpart to USIA's America) for which APM supplies all materials; and
 - b. "'Flying Saucers'? They're a Myth!" by Villen Lyustiberg, APN Science Commentator, which originally appeared in the 16 February 1968 issue of Moskovsky Komsomolets, and which AFN released in English translation on 12 March 1968.

The first article takes UFOs quite seriously; the second laughs them off and even claims the U.S. publicizes them to divert people from its failures and aggressions.

2. It is not surprising that two writers take opposing views on so controversial a subject, or that one adds a dollop of propagands. It is surprising to find any disagreement on any subject in Soviet media, especially in materials made available by the same agency to approximately the same readership. The irony is obvious.

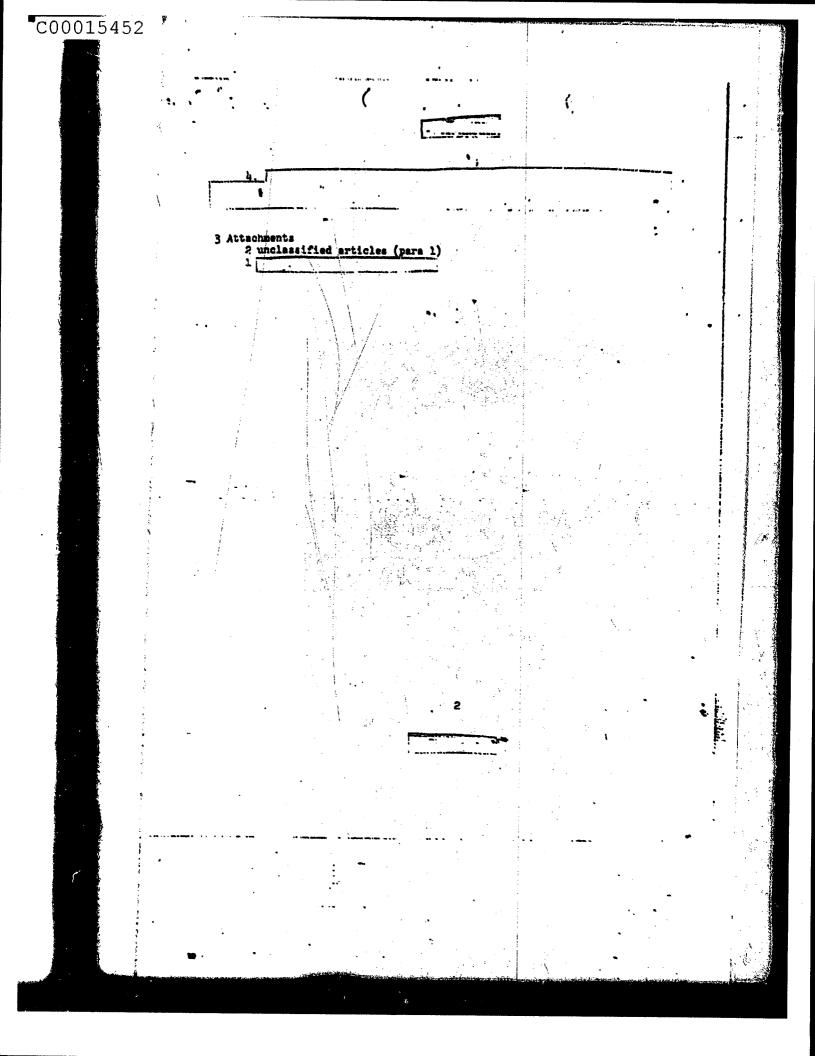
 This document is made available through the declassification efforts and research of John Greenewald, Jr., creator of:

The Black Vault



The Black Vault is the largest online Freedom of Information Act (FOIA) document clearinghouse in the world. The research efforts here are responsible for the declassification of hundreds of thousands of pages released by the U.S. Government & Military.

Discover the Truth at: http://www.theblackvault.com



Tuesday, March 12.

"FLYING CAUCERS": THEY'RE A MYTH:

Villen Lyustiberg; APN Science Commentator

In the last 20 years publication of literature on "unidentified flying objects" has advanced to one of the first places in the world. This problem is dealt with by numerous acsociations and clubs.

Are these "flying saucers" just imagination or reality? Thousands of recorded statements by bye-witnesses seem to show that "there must be something in it". But let us try to look all these materials from a different stand. So, as the convinced supporter of the "saucer" theory say almost ever time, you can draw your own conclusion while we give you.

"Facts Only"

Kenneth Arnold, an American pilot, is the "godfather" of flying saucers. It is he who noticed in 1947 nine shining discs flying in formation at the speed of about 3,000 km an hour.

The next encounter with saucers had a tragic outcome. In January 1948, an immense flying saucer appeared over the Nox US Air Base. Pursuing it Captain Thomas Manthell perished. The last thing he reported from an altitude of 9,000 metres was that he saw an object and was going to approach it.

This story found extensive response. Many considered it to be a stern warning of unknown envoys from other planets to leave them alone. There was a great deal of a talk about the mysterious death of the pilot. It was received as undoubted proof of the existence of mighty forces still unknown to us.

But the results of a thorough investigation by US authorities received much less publicity. The mysterious "saucer" proved to be nothing but a thin-walled plastic balloon made by US Naval Forces under the secret "Skyhawk Operation" project.

Such balloons could rise to an altitude of 30,000 metres. Meanwhile, Thomas Manthell pursuing it, forgot that he had no oxygen apparatus on board his craft.

We know of stories about encounters and even hand-to-hand fights with pilots of craft landing from other planets. They were shot at, but without success.

A saucer out down a tree on the Amazon River shore and disappeared in the turbid stream. It was never recovered. Another saucer glided over the earth like

an injured i.r. and .most crashed before the eyes of witnesses. But "having spitout" several pieces of metal, it levelled out its course and flew off. Delivered to the police, the metal proved to be ordinary tim.

An abandoned silvery disc was found in the deep rock-coal seams in Norwegian coal mines on Spitzbergen. It was pierced and marked by micrometeor impacts and bore all traces of having performed a long space voyage. It was sent for analysis to the Pentagon and disappeared there.

Nothing but a saucer put out of commission a high-voltage power transmission line in 1965 and thus plunged several large American cities into darkness for six hours.

But the most thrilling masterpiece of this sort was probably the "Interview w: a Man from Venus" published at the close of 1967 by the West German Stern magazine. This materialized blue-eyed "superman", a version of Nietzsche's "blong beast", proved to be a secret service agent of the Pentagon. He was 190 cm tall, spoke excellent English (it was English indeed!) and could breathe freely in our atmosphere without any devices. His modest fibre suitcase contained an unusual silvery suit, flexible like silk and so hard that a diamond drill broke off it.

The man from Venus said that he could walk freely in such a suit over the surface of the hottest stars, ignoring all powerful gravitational fields.

Maybe these "facts" will do?

How Can They Be Studied?

It is easier to ask this question, than to answer it. These flying saucers—they are like Our Lady: they appear to those who believe in them. And they persistently fail to show themselves to air observation posts, meteorologists and astronomers, i.e. precisely to those who can give us accurate information and trustworthy descriptions of a flying object.

Experiments that do not repeat themselves, or the chance appearance of a phenomenon always either handicap the possibility of investigation considerably or exclude it altogether.

Nowhere in the world is there EVEN ONE trustworthy stereoscopic photograph making it possible to trace from two points simultaneously the outlines of a solid flying object clearly. All photographs that exist have been made with single-lens cameras and always leave a margin for doubt.

A series of such photographs amazingly resembles a straw hat with a black silk ribbon, thrown into the air. Others undoubtedly prove to be internegatives obtained from two combined slides, for instance, that of a landscape and that of a strangely designed craft drawn on white paper. Modern photographing techniques allow photographs to be produced which no expert will ever prove to be counterfeit. They are real. But they do not show strangers from space; they show quite ordinary earthly objects unexpectedly foreshortened -- pots, pans, plastic toys, and the like.

Are there photographs which evoke no doubts whatsoever? Yes, there are. They always show shining objects of a circular or oval shape with vague outlines. Most

likely these photographs show ball lightning. Incluentally, the nature of the lat has not been fully elucidated yet either, due to the vagueness of the place and ti of its formation. However, no one ever thought of ascribing a cosmic origin to it

Even with a superficial analysis, mysterious flares on clouds proved to be reflections of electric welding, warning lights of simplenes in the area of simple or distant summer lightning. And the November 1967 "saucer" over Sofia proved to a high-altitude NATO reconnaissance balloon.

Among the most serious works devoted to an investigation of the problem, there are two which ought to be mentioned. One of them is the book "Flying Saucers" by Donald Menzel who explains almost all cases of their appearance by disturbances in the Earth's or Sun's atmosphere. Our planet travels in the upper layers of the Sur atmosphere where clots of high-temperature plasma are moving freely.

The other is a book by Frank Edwards. It is a collection of statements, notes and records of eye-witness testimony classified into several sections. True, Edwar often qualifies his source as a witness who did not wish to have his name mentioned but who may be fully trusted, or that the trustworthiness of the witness is confirmed by numerous of his countrym 1, but he cannot mention his name so far for a number of reasons. That's not very convincing, is it?

For Whom Is It Not a Myth?

They are those for whom science is a business. Taking advantage of the lively interest of people for everything that trange and unusual, numerous lecturers in the West appear before audience apports and stories, invite eye-witnesses to such lectures, and demonstrate probability in the such lectures, and demonstrate probability is and slides. Most of these lecturers are nothing but ordinary quacks. True, there are people who are sincerely convinced in the truth of what they are talking about. They strive to draw the interest of the public to certain phenomena but, we are sorry to say, there is more harm than use in that.

The Americans Lesly and Adamski are the most outright frauds among them. Using their "good friendly relations" with strangers from other planets, the enterprising businessmen "visited" Mars, the Moon and Venus, learned from our cosmic neighbours to treat by simple and accessible methods such diseases as cancer, glaucoma, hypertension and others which afflict the human race. Their lectures, motion-pictures, books and medical practice have brought them many hundred thousand dollars out of the pockets of trusting listeners and patients already.

We may trace a clearly defined regularity in the appearance of large numbers of flying saucers. And, strange as it might seem, this regularity is closely connected with earthly events.

The first "cycle" of four years began in 1947. The number of saucers always grows sharply on the eve of presidential elections in the USA. This is difficult to explain. Maybe people on other planets lay bets as to who will win in the next elections -- the republicans or the democrats. Perhaps, these saucers appear in order to divert the voters' thoughts from the again non-fulfilled presidential programme and promises to make the country a "great" and "prospering" society.

There is another cycle. True, it is not determined by time. Saucers flooded the earth's atmosphere in 1951, in the months when the American troops were waging ruthless, annihilating war against the Korean People's Democratic Republic.

Tues . is home.

1.11

The next invasion of saucers was in 1965-1966, when 35 American advisers in South Vietnam were quickly replaced by half-a-million-strong army equipped with the latest arms and intending to rout the National-Liberation Front within two weeks and when the President of the United States of America, without declaring war and in violation the constitution of his own country, gave the order that the peaceful population of North Vietnam be subjected to brutal bombings.

In short, when newspaper circulation drops, when readers get tired of economics and politics and when they are to be diverted from "irrelevant" questions, the Western businessmen resort to three reliable, "always fresh" sensations: Flying Saucers, the Sea Serpent (sometimes it is substitued by the Loch Ness Lake monster), and the Snow Man.

It is much nicer to read about mysterious craft from Venus than to think of the future, of the wage freeze, of growing prices or unemployment. Statesmen in imperient countries resort to this "information" quite deliberately. For them the flying saucers are not a myth, but a well-camouflaged means for misinforming the people. And nothing but that.

(Moskovsky Komsomolets, February 16. In ful

THE END

UNIDEN" IL JEL

flying objects

First the factor several striking and reliable 1 FO abservationes, and then, employees,

First Account

THE PLACE of observation is Kazakhstan, the field camp of a geophysical expetition from a Lenbuggad research lesiture. The nearest populated locality, Kokia, is 24 miles away. The time of observation is August 16, 1966, about 11 P.M. local time.

According to Master of Geology and Mineralogy Nikulai Sochesanos, the campchiel, a strange, luminous body surblents appeared over the mountains on the costern slope of the valley. It was moving from morth to south, and its visible diameter was one and a half times longer than the Moon's.

A few seconds later the body disappeared lechind a resustain top, reappeared and headed southeast, keeping constant speed and height above the Earth. The mysterious object was less-shaped and bright, the edges being sourceshad less luminous than the center,

The body described an are in the sky and disappeared behind the mountains, leaving me i trace.

The unidentified flying object (LFO) was observed by eight scientific workers, members of the graphs sized expedition.

Serond Arennot

On July 26, 1965, Latvian astronomer-Robert Vitolaick. Yan Melderie and Esmeraldo Vitolaick were studying assertitional Open. A 20-15 P.M. they noticed an assessmelly bright star moving doubt in a nestedy direction. Looked at through bimoculars with a magnification of eight diameters, the "star" resolved itself into a small, flat speak. The below open their disclosed the following incredible picture.

In the heart of a less-chapsel disc, which the astronomers estimated to be about 225 feet across, was clearly existent a thickened part, a small sphere. Around the disc, at a dictions of two dismeters, were three spheres resembling the one in the center. The spheres stem diminished in size, gradually leaving the farth Some 15 to 20 minutes later the spheres legan to move awas from the disc, as if receiving in different directions. The sphere in the center also left its place and moved awas, Finally at 10 P.M. all these shriping extend green bedien were so far awas that the astronomers lost eight of them.

This strange picture was observed in the mother-leen past of the six at about 60 degrees above the horizon. The astronomers retinued that the enignostic objects were about 60 miles above the larth.

Third Account

A long radiogram arrived at the office of the magazine Smean, for which I had written an article on I FDs. It was writ he First Mate Barbarbin on behalf of the even of the Soviet whip Ishard. On August 2, 1967, at 13:30 P.M. Moments time, white consing the Norwegian Sea in a notety discretion. Inhersh pallors witnessed this unusual phenomenan, said the sadingrams

"There were there of so in the cabin-Captain Markov, Senior Engineer Isanov and smooth, Sympov, notice of an data, reported a strange phenomen, of a the sky. We can to the bridge and sow a sphere-like whitch and market another of

this the treature while he was a superior to the same to the same

"There again the sphere-like white nebula legan moning south. The procedure was respected four times. On the little and last time the sput's behavior changed, it stopped midnay, lurged ever and assumed the shape of an egg with the thicker end up. Then a panceful white jet squirted from the lower end, after which the 'egg gree pale, became enveloped in white mist and, with its white tail, began to bead southward."

All this strange extestial activity was visible for an hour and then vanished into this air.

Fourth Account

Not one but overal reports came from astronomers at the Mountain Astrophysical Station, USSR Aradems of Sciences, 12 miles from Kishandsh, Caurasus.

In July 1967 the station received letters from heral aero-spaces reporting the flight of a strange red-lish research across the sky at 9:20 P.M. on July 17.

In the very early morning of July 18, 1967, astronomer H. I. Potter, who was observing the Moon at the Vocantain Station, molired a strange formation against a clear starge shy at 2:50 A.V. Moscon time. A white cloud appeared in the northeast at an elevation of about 20 depress, its dissurder ups twice as long as that of the Moon but its none was several times less tright.

The cloud itself had a dense miths white value, with a resoved nucleus elegah discremible near it morthers each. The cloud expanded and green pales, A fen minutes later the white visual dispersed completely, but the reddish our less remained. Toward day-break it but its outlines and then disappeared. Photographs showing its charges were taken.

At 11:10 P.M. on lugarst \$1, 1967, at the same Mountain Station astronomer Anatoli Sazama observed on unfamilier fixing object, it was chapted like an asymmetrical expected, with its remove side turned in the direction of its monoment. Natura, faintly luminous riblems recombling the rendensation trail of a jet plane followed behind the hopes of the vicencest, to diameter ups trouthiers that of the Mann, and it may not as bright. It was relieve in its at redshirt tings.

The object was fixing horizontally in the northern part of the sky, from need to east, at about 20 degrees above the horizon, it caneved the distance from Uroa Major to Carol. FEBRUARY 1968

By Folix Zigal Gottor of Science (Technology) Assistant Professor, Moscow Aviation Institute

opeys in half a minute. A height star of the first magnitude was moving at a constant distence about of the expected.

As it moved anay from the observer, the exercise definited, turned into a small disc and then instantly disappeared.

The experience object was some by 10 of the station's extensifie workers, it was also absorved in Kishmodels, Aeronding to Sasonor, the experient was 12 miles augo, and it was no less than Sits feet assure,

Optical Missiant

Let us step here and draw some conclusions. Even if all the LFQ exidence amounted to me outset has these horse accounts, it is clear that the exidence ruists. The fact of the matter is, however, that starm thousands of such absentations have been absumented in the gast 29 years. They come from dozens of countries and virtually every countries and virtually every countries and virtually every countries. The LFQ phenomenon is too witheyereal and popularly accepted to be dismissed lightly.

. A growing number of serious scientists are not satisfied with explanations characterizing the sightings as visual abstrations. It goes without saying that the phenomenon attract, and will unfortunately continue to, all sorts of publicity-seekers. But we do not stop using money because there are counterfeiters. The lack of seitence is, previsely, the abligation to distinguish between the false and the true,

Thus, if seiner canalities fixing cauces a holiseisstim, it still must explain the cause of this global peache illness. That may not be as difficult to establish as the true nature of LFDs.

The well-known American asteophysicial Doubld Measel and that Rying sources are optical phenomeno in the Earth's atmosphere. Because of Professor Measel's releasific presition the explanation is generally accepted, fluit these not hold mater. As soon as me go an form this generalization to concrete interpretations of emergete observations, it becauses excitent that "LYDs will not reduce themselves in optical phenomena of the minger, reinforce to optical phenomena of the minger, reinforce on the four accounts no viril walls, Andrew on the four accounts no viril walls, Andrew to be dealing with here to a kind of reality will unexplored.

The spressme of Little is simust always rempenied in a huminersours of air and renation of an atomopheric plasma. This iner in the funis for the "planta" by puthesh of LFIDs as presmutations of simmpheric ema of the built lightning type. But this explanation thee and habl up either, Rall lightning is always a thunderstorm product, and the appearance of I lik has no relation to er. Nall lightening diameters as a sule run four to five looken no larger; the diamstere of fixing disea are true as d am hua devils of times that size. The Inharing of I I'de, their chapes and other physical properties are quite different from what we he of ball lightning.

Saurers and Balle

To find a rise to the nature of 1 kHs, we must study all the reports on these supplicing and, to my mind, real object, 12nh a scientific analysis will present the truth. What is, however, clear already is that 1410 phenomen.

onen can be objectively analyzed and clave, first. The EFO clavelination adopted by forcipu investigators to also confirmed by Soviet observers.

chargings. It day, when adverged from Earth or planes, I I the appear as bright discs with a metallit timps. Asoletant Professor Vanchedat Zoites adverged such a fixing savery to 1961, alone Holisper, from a TI-101 already making a shorthed Hight. The huge height metal disc slid under the liner's belly, made a turn and at some distance took a course parallel with the aircraft. A hulging core recentiling a ratio could be seen in the heart of the disc. After fixing aboutpride the plane for several seconds, it uncreased alongsh and disaggments.

A similar object was observed by geodetic astronomer I, usforld Techtanomich in the summer of 1965 near Sukhumi. Caucasus. The IFD made a suit manerary over the ceathen headed for the mountains. The astronomer was, however, able to see that the control proteuting part of the disc had holes which sequent to be ill from the incide.

UFO movements are peculiar. Sometimes they have over the earth for tens of animates, In flight they can develop incredible speeds and accelerations.

At 7245 on the exercise of June 17, 1766, on the outsides of Endest a team of genphasicists from the Institute of Oli and Gas Industry, Volpoprad, led to V. G. Kralos, mairest a publish object musing across the sky, It was shaped like a small disc.

Sublends the look began to fall entitle along a helical trajectors, its reddish cuber changing to bright white-like. Then there was a out of flare, and instead of the fouls a bright-like round appeared, it quickly operate out and surfeel away.

Beyonding on the viewing angle, flying disea look flattened or eigen-shaped or opherical. In some cases a TFO appears as a reseast, turning into a dise before your case.

The belief that UFOs are real is also horse out to the fact that there enigmatic objects are not only visible to the maked eye, but have distinct images on photographic plates and are reversited by such importial "nit-necessary as pulse surveys.

hir Force Major Rabinkon, our a night minima above, the Obleva Region on April 3, 1996, outlend on the exercit of his plane's rodar a stronge object which was also spotted by ground-based radar units. Within 15 minutes the object disequed from 31 to 10 miles, in the next quarter of an hour to 15 miles, and in the next 10 minutes to 11 miles. The 14 O remained unit-outlentified.

Maneuver and Porsolt

The well-known Societ piled, chief navigator of Societ polar artistion Valentin Matrices, describes one of his recounters with flying diseas.

"In 1936, engaged in steategic for seron nainner in a TI-1 plane in the area of Cape from Historiands, no dropped down from who to fair weather and sublents no to ol an miles and second second as for it particle parallel to our course, it I what core much the a large practicebood has with water pulsating calpre. It first we thought to the manuface on the theretic services! we see sign and since we did not want to encounte it we went into the clouds again. After we had House for 140 minutes toward they belong the figurals from the first foliar report for and on age postable we am some again that of chains one on Taking Makes named or it at above quarters, we changed out course demand descripts at acres but mermals inframing our law at Instrumental manner Blen ne changed our engine, the unknown fixing making followed sait and hose one to bilerry form

in the blue shy. We quitted in perials, superstructure, whigh or purtheles on that disc, her did no see an estimated passe or confequetion trail. It flee at what seemed to us an impossible speed."

No Projections

Intil recently no extentific study of UTOs has been made in the Societ Union, More than that, the precaling such in my agicina, mistaken vien was that UTOs are removed equivalent phenomena in the Earth's atmosphere. There was no collection of UFO observations, and the general impression was that flying sources are fantasies. The situation non in shanging.

In 1961 the Nauka Publishing House of the 1888 Academy of Sciences is echoduled to being out a bond, titled Populated Outer re, relited by Asselembrian Berje Konstan. m. Vier Problem of the ISA Aradems of Science. The distinguished Societ and foreign contributore im lude: Academiciane Victor Ambartenmean, Alexander Oparin, Mexander Imshruetsky. Ambrei Kalaunge Corresponding Members of the USSR Acad. n of Sciences Vasili Kupresich. Alexander Valogelin, Isvif Shillnesky: and eminent forrien erientiste Melcin Colein, William Pick. ering. Frank Salisbury (USA), Norman Pirie, Hernard Lenell Great Britaine, Hanelenthal Netherlandss, Giverpse Piccordi thate and many others.

The ambudges will have a special section denoted to the UFD produces, with contributions from American orientate Jeseph Hynek, James McDonold, Jack Valley, and Frank Salisbury, articles to Societ writers and UFO elementations made in the Swiet Union.

Soriet observations of IFOs, like those I rited earlier, were not taken from a explementicular tiom of this kind; they were operature to propose to my article in Surena, This fast warrants the conclinion that these have been many order 1949 observations in the I Sill, We have already collected some observed of well-bournessed reports and around.

In May 1967, a sponsoring group of selection the military, writers and public figures into to form an uncellerial hody whose purpose it would be to concluse a preliminary scientific intestigation of UPDs. Those persent included Professor Heinrich Ludwig: Destroy of Science Nikodai Zhiror and Igor Hestuckes-Lada; chief manigation of Societ pular aviation Valentine Akhurators: Generals Profest Stokes, Valentine Leonid Relms, fronty I yer and Georgi Zerakin; twice Hero of the Societ Union Grigori Stokes, Master of Science tempineerings: Heroes of the Societ Union durant Velatering Busines and Valulia heastorns.

The organization, set up October 1967, is called the LFO Section of the All-Trion Communities with headquarters at the Groteal House of Ariation and Communities in Moscon, Air Fours Major General Positis Stoicason, nas elected chairman of the certion.

These of no who are participating in this we and existing undertaking have an ambitions program of work alread. The best step will be to organize the culterions of reliable information on 19th. That will be show at the cutter ha the existing systems of astronomial, meteorological and grouping in all overations, and the endog installations of rislling stations and the raday installations of rislling algorithms with equipment can make 19th observations with equipment non available.

In the design stage are special desires for photographing 19th and recording the radiation and magnetic disturbance which ther may be propossible for.

timests from ther Warble?

The possibil chartesian will espec to that hep-there. There hep-there should seek in an equinion strongs to explain the nature of LFMs in terms of familiar phenomitera. Judging by relier suspectors, nature frasome in store for us beer too, and or much be train for perhaps a called "conservament of talue."

The hypothesis that ITOs originate in other worlds, that they are flying exalt from planets other than Earth, merits the most velous examination.

Observations show that LTOs behave persides. In a group formation flight these maintain a pattern. They are most often syntred more activities, atomic stations and other very men engineering installations, the encountering aircraft, they always consenses on as to avoid direct contact. A considerable list of these comingly intelligent actions gives the impression that I PVs are investigating, perhaps even recomputering.

Curious's enough, the number of 1°FO of acceptations in season and Mare approaches the Earth, Is that just evaluations?

Some people think that UVDs have appeared to the Earth's atmosphere only during the past two ilerates. This is not the case. The UVD phenomenon has been observed throughout the history of mankind, There are modified and arrived reports strikingly sink for to ours.

Among the earlier I fit reports, as an example, man in the well-learnenged absorbations of a "large cover" in 1922 and a "promotion of Indich" in 1913. These reports of Bonait insertigation.

The most remarkable 140 phenomenous is the lamous "Tunguel's meteorite." In record years Seniet scientists have established that the Tunguel's explicit had every parameter of an air meleor black. The ISSR Academy of Sciences Reports (Visione 172, No. 3 and 2, 1967) have studied by Aberel Zobston to prove that the Tun.

In the summer (1%) the Joint Institute of Nuclear Research at Huban published a study by Challinir Michbellon, who concludes that the Tungushy blast left considerable residual radioarticity. Finally, as revently as 1986, after analyzing the num total of obsertations on the Tungushy body's flight, this native showed that before the blast the Tungushy body observed that lefters the atmosphere a treasurabuse are of about 375 miles in extent in accounts, that is, carried out a maneouse,

All those non route narrant the conclusion that the Tongook, body come to have been an artificial flying eraft from some other planet.

Should this be finally confirmed in investigations now in progress, the significance of the Tunguety disaster would be inestimable.

But this, incidentally, will pose non problems. If we are indeed loing studied by resource from other placets, what to their repairers. Whe are they an atminish a rolling are direct control? to their moneiability the result of an high a roll derivatively judge that they study us from that theirhalf judge we had upon and study ante? He is there still the possibility of common understanding often on are been in the same Universe and obey the same laws of nature?

Yes, there will be many questions, but all are in the distant future, ther shade of 1 literat lead to quite different combosions and personal mankind with quite different production.

The important thing non is far as he discard any percentriced entires about 11th and to sepanter on a photal trade a raim, constitutive and stricts wirelife study of this strange phenomenon. The subject and aims of the investigation are so serious that they justile any effects, it pres without easing that international enquestion is sital.