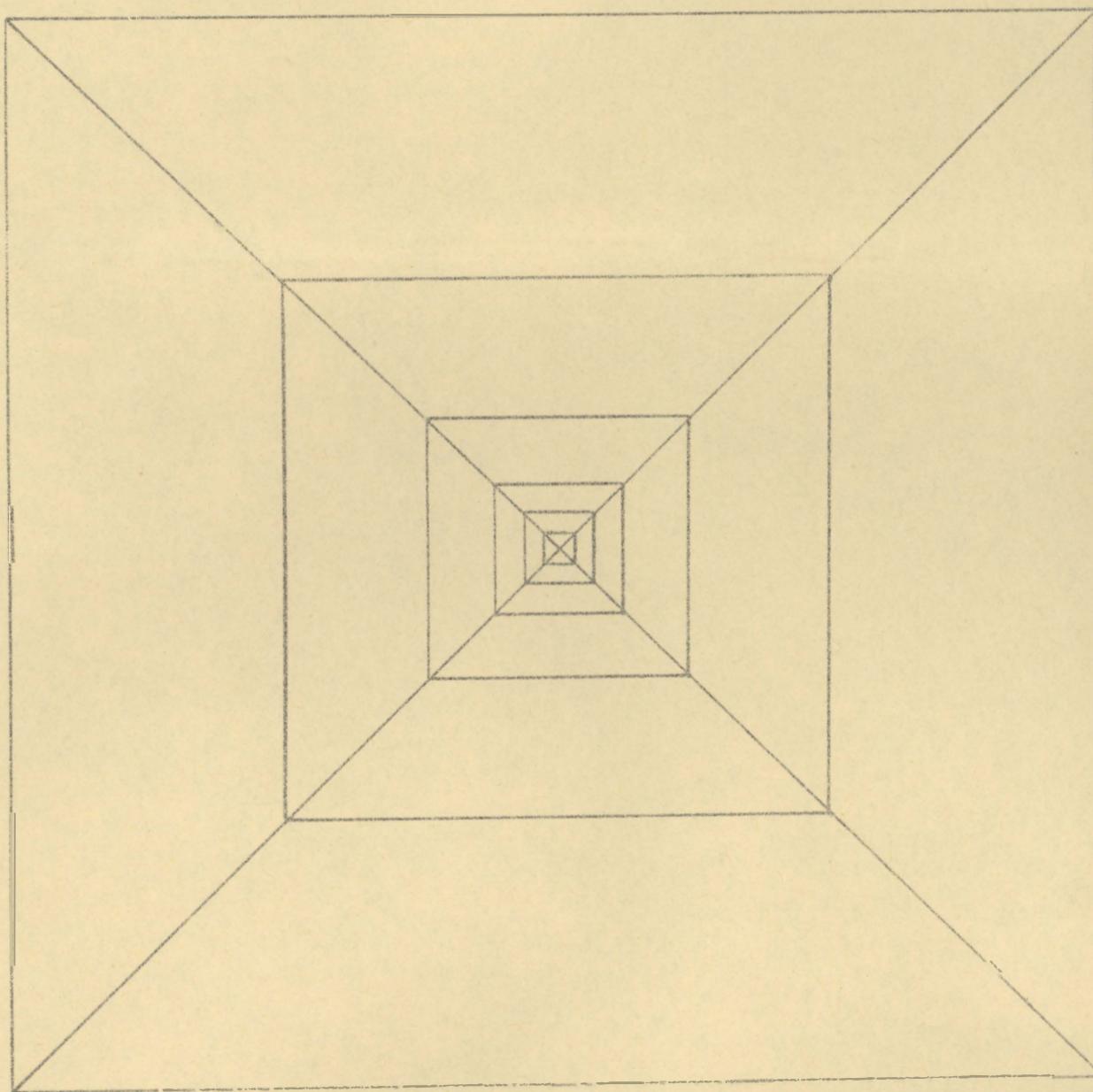


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I N D E X

<u>Item.</u>	<u>Author</u>	<u>Pages</u>
Editorial	H.Griesberg & K.Basterfield	1
Lunar & Martian Pyramids: Extraterrestrial Intelligence or Geology?	J. Prytz.	2-6
Internal Intelligence Theories Versus the ETH	K. Basterfield	6-10.
Internal Intelligence Theories Versus Common Sense	F. Gillespie	10-11.
The RAAF UFO Files	W. Chalker	11-13.
Bibliographic Notice (plus updates)	J. Prytz	13.

Editorial

by Harry Griesberg & Keith Basterfield

Reading Dr. J. Allen Hynek's Editorial in the latest issue of the INTERNATIONAL UFO REPORTER (March 1982) made us realise a global problem facing UFO researchers all too often. It is a problem which has been with us since the beginning of UFO research, and will probably be with us to the end.

"There are two observations about the gathering of data in Ufology that have been amply confirmed by serious workers in the field; they might almost be called "laws" of Ufology. The first is that the greater the Strangeness Index of a UFO sighting, the greater the delay in hearing about it. The second is that some of the best and most puzzling cases, again cases of high Strangeness, come to the attention of investigators by mere chance or serendipity -- the unexpected finding of something while looking purposefully for something else.

The primary cause of the first is, of course, the reluctance to report a truly strange sighting because of the almost certain ridicule, disbelief, and harassment to which the hapless witness will be subject. Coupled with this is the natural reticence on the part of many to be considered mere story-tellers, or to tell of something which was highly personal and even traumatic. Sometimes the witness confides in a close friend and is then advised to say no more. Such accounts have very limited local circulation and we may hear of them much later by dint of accident or through strange circumstances. Thus the two "laws" are causally related."

This is all too often true here in Australia. We have personally both been involved in investigating cases, sometimes of mere Nocturnal lights, when the witness suddenly tells of a friend, who, many years ago had a sighting, and upon investigation, this earlier case turns out to be a major high strangeness case. Sometimes even it is sadly too late for a thorough investigation and the case has to be taken at face value. We don't think there is one investigator in this country who has not come across these two "laws". One consolation however, is that at least we can document such cases for our files and possible correlation with other cases at the time.

Lunar & Martian Pyramids: Extraterrestrial Intelligence or Geology?

by John Prytz.

Since the early 1960's, American & Russian spacecraft (unmanned) have either flown by, orbited or landed upon Mercury, Venus, Luna (the Moon), Mars, Jupiter (and satellites) and Saturn (and satellites). To date, tens of thousands of pictures (at various resolutions) of these solar system bodies have been returned. In the case of Mercury, Luna, Mars and particular satellites of Jupiter and Saturn, surface details have been photographed (Venus, Jupiter and Saturn have opaque atmospheres such that similar knowledge of their surfaces is still lacking). This photographic coverage has led to a rapidly advancing new subdivision of planetary astronomy - comparative planetary geology. It is now possible to compare the evolution of geologic processes on many planetary objects, relate them to terrestrial geology, and obtain a better knowledge of not only what makes the solar system tick, but our own planet as well.

As planetary astronomers knew would happen, both expected and unexpected differences and similarities obviously emerged as space probe after space probe was sent further and further out into inter-planetary space. Expectedly, Mercury had craters like the Moon; unexpectedly, so did Mars. Expectedly, Mars ended up having water-ice polar caps like the Earth; Mercury and the Moon didn't. Unexpectedly, Mars, like the Earth, had obvious signs of liquid-water erosion upon its surface; Mars and Io (a satellite of Jupiter) shared with Earth signs of dormant and active (respectfully) volcanic action. Expectedly, the supposed artificial moons and canals of Mars turned out to be natural. Expectedly, Mercury and Luna turned out to be near twins in appearance, although with unexpected minor distinctions of interest only to the specialist. Unexpectedly, none of the unmanned and manned Lunar expeditions resolved the major mysteries surrounding the origin and evolution of the Moon. Paradoxically, comparative planetary astronomy is both further advanced, yet more mysterious, since the era of planetary reconnaissance. Clearly, planetary astronomers have their work cut out for them in the years and decades ahead!

Expectedly (or unexpectedly depending on your point of view), no clear-cut photographic signs of extraterrestrial life, intelligent or otherwise, was detected by American and Russian space probes. However, it must be recalled that photographs of the Earth, at resolutions achieved by interplanetary space probes, would only (and then in just a few cases) show up somewhat suggestive evidence that Earth was inhabited by intelligent beings. However....

Two of the least publicised, yet most unexpected discoveries made by American space probes, relate to photographs of strange towers, spires or pyramids on the surface of Luna and Mars.

Although these monuments were detected respectively by Lunar Orbiter 2 (in November 1966) and Mariner 9 (which started orbiting Mars in late 1971), very little has been written about them in either the scientific or the popular press. Some popular researchers have become immediately suspicious, in particular Don Wilson with respect to the Lunar findings, that NASA knows far more about the nature of these structures than it is willing to reveal. He points out the fact that the Lunar structures are located in the Sea of Tranquility, the general location selected for the first manned landing on the Moon, and asks if it is coincidence. However, for the record, that can neither be proven nor disproven, and as such has little relevance, as the basic data and photographs can be chased up (see references for a partial listing).

What can be said is that the structures can be compared immediately with similar structures on Earth. However, most terrestrial similarities happen to be artificial! For example, one of the Lunar features casts a shadow resembling that of the Washington Monument. The Martian ones have been likened, even in the scientific journal Icarus, to "pyramidal structures", a turn of phrase bound to suggest the terrestrial equivalent located in Egypt and Central America.

Where analogies can be drawn with natural features on Earth, the terrestrial geological mechanisms would be hard pressed to account for such similar features on Luna and Mars. The various geologic forces of wind (Earth - considerable, Mars - major, Luna - none), flowing water (Earth - considerable, Mars - dormant, Luna - none), ice (Earth - considerable, Mars - minimal, Luna - none), volcanic action (Earth - considerable, Mars - dormant, Luna - none), earthquakes (Earth - considerable, Mars - intermediate, Luna - minor), temperature variations (Earth - minor, Mars - intermediate, Luna - considerable), and meteorite blasting (Earth - minor, Mars - intermediate, Luna - massive), on the three very different worlds, suggest

that either different geologic forces can produce similar structures, or else the similarities in such structures cannot be due to natural causes. Unnatural causes are of course quite another matter!

The extraterrestrial space probe that happened to photograph the pyramids of Egypt and Central America, would show obvious structural similarities. To an alien race, knowledgeable about the natural Earth but not about our civilisation, such similar structures could not be explained on natural grounds. The obvious differences in climate etc. between the flat and dry plains near Cairo and the hilly, steaming tropical rain forests of the ancient Maya Indians, would suggest, but only suggest, unnatural cause and effect mechanisms.

Now the unusual structures I have mentioned on Luna and Mars are not the only ones discovered on the surfaces of those interplanetary bodies. However, since I wish to avoid writing a book, I will concentrate on those two, their similarities and differences to each other and to terrestrial structures. The reader is advised to consult the books by Wilson and Leonard (for other Lunar mysteries) and Chandler (regarding Mars).

The Martian Pyramid Structures; Since there has been a scientific paper (by Gipson and Ablordeppey) published on "certain features...observed on Mars which are triangular, rectangular, or polygonal at their bases and rise like pyramids", I shall quote both from their abstract and from their summary and conclusions in order to accurately present the basic data about those structures.

"Triangular and polygonal pyramid like structures have been observed on the martian surface....in the east central portion of Elysium Quadrangle...The structures cast triangular and polygonal shadows...The mean diameter of the pyramidal structures at the base is approximately 3.0 km, and the mean diameter of the polygonal structures is approximately 6.0 km.

Geologic processes that could result in such features are wind-faceting, glaciation, or fracture and tilting of lava crusts.

A combination of these proposed mechanisms, instead of any single one, could most likely have been responsible for these structures."

The height of the largest Martian pyramid would be slightly over 1 km. Thus, one fact already stands out. According to calculations by Chandler, the "great pyramids of Elysium are almost ten times higher and broader, and occupy a total volume that is nearly 1,000 times larger" than the Great Pyramid of Cheops, the largest terrestrial equivalent!

The second fact is that based on the admissions of Gipson and Ablordeppey, as witnessed by the use of such phrases "could result" or "could most likely have been", the scientists haven't a clue as to either THE CAUSE, or COMBINATION OF CAUSES. They are taking geologic shots in the dark!

Chandler quotes an article illustrating the quandary which appeared in Spaceflight (May 1976). "Amongst features on Mars which defy positive explanation are three-sided pyramid-like structures in the east central portion of Elysium Quadrangle" (my emphasis). Chandler not only says the origins of the pyramids "have not yet been plausibly explained", but goes on in some detail to explain how the geologic theories of Gipson and Ablordeppey are "completely untenable" (wind-faceting), face "a number of serious objections" (glaciation), are "asking too much of the laws of probability" (fracture), and "have a very high order of improbability" (tilting). He concludes:

"In sum, no one seems to have been able to come up with a geological explanation that is convincing. Perhaps there was some other mechanism that was unique to Mars, which no one has yet been able to imagine. But there seems to be no reason, given the present lack of any easily acceptable explanation, to exclude from consideration the most obvious conclusion of all -- perhaps they were built by intelligent beings."

The possibility of the Martian structures being built by an alien intelligence was not ruled out of course by Gipson and Ablordeppey, the possibility was just never even considered. However, since Chandler has considered an alternative to the geologic mechanisms in the forms of construction by "intelligent beings", let's look briefly at his reasons for doing so,

before moving on to the Lunar monuments. The arguments suggestive of an unnatural origin for the Martian structures, on the positive side (lack of an obvious geologic theory is a negative reason), are two-fold. They are regularity and repetition.

Regularity - the Martian structures show flat surfaces, rectilinear edges and exact symmetries. Such regularity is far more the norm in artificial structures (buildings) than natural ones (mountains).

Repetition - there is more than one such structure. An isolated yet regular (in terms of surface, edge and symmetry) structure could be a freak of nature. The probability of natural origin however goes down as the number of such "freaks" increase. Chandler states:

"....there are at least four distinct pyramids in the photograph, as well as other similar structures. Furthermore, they appear to be paired: there are two very large pyramids, almost identical in size, standing side by side; nearby two smaller ones that also seem to be nearly identical in size are also seen side by side."

Even though Chandler goes into the rationale for the artificial construction of such monuments, his final conclusions are in no way more definitive as to origin than were those of Gipson and ablordeppey, and in fact echo my own feelings on the matter. Chandler states:

"The pyramids of Elysium may, or may not, have been built by beings as intelligent as us. We won't know until we go there for a closer look."

The Lunar Monuments: On the 22nd of November 1966, NASA released a photograph taken by Lunar Orbiter 2 of the western edge of the Sea of Tranquility (not all that far from the landing site of Apollo 11 several years later). What was unusual about the photograph was the fact that the now familiar view of the Lunar surface, showed up rather strange shadows "stretching out from surface protuberances or monolith structures" just the kind (in the largest case) the "Washington Monument would throw either in the morning or late in the afternoon" Depending on your source of information, either 6, 7 or 8 strange shadows were photographed. I myself counted 6 obvious ones, and 7 with careful searching!

Since NASA released the photograph without fanfare, very few of the press paid any attention to it. However, the Los Angeles Times, the New York Times and the Washington Post carried the picture. In the latter's front page story, Thomas O'Toole noted that the strange shadows were "hailed by scientists as one of the most unusual features of the Moon ever photographed". However, unusual is not the same as unnatural, and most Lunar experts, while admitting that they could not recall having seen anything quite like it before on the Lunar surface never-the-less agreed it was a natural phenomena, most likely rock outcrops or large fragments deposited by meteor impact. That was until Dr. William Blair, specialist in physical anthropology and archaeology, and employed at the (Seattle, Washington) Boeing Institute of Biotechnology, looked at the photograph from the point of view of an anthropologist/archaeologist relative to that of a Lunar geologist. After analysis by Blair (of which more later), he was quoted as saying:

"If such a complex of structures were photographed on Earth, the archeologist's first order of business would be to inspect and excavate test trenches and thus validate whether the prospective site has archeological significance." This echoes the words of Chandler with respect to the Martian pyramids:

"How did these (Martian)...structures get there?
If they had been found on an aerial photograph of some unexplored part of the Earth, we would assume that they had been built by some ancient civilization, and teams of archeologists would immediately rush to the spot."

But first back to the basics of the Lunar monuments. Although 7 shadows (hence objects) were photographed, roughly the same number as in the Martian photograph, very little else is similar between the two. The initial estimates placed the height of the tallest spire at about 70 feet, and the smallest as about the size of a large Christmas tree. Since the mathematical calculations are fairly easy to carry out, that data is probably accurate. However, I have seen data which imply the tallest as being over 600 feet high. No doubt there was confusion between the height of the objects and the length of the shadows, which obviously were lengthy as the sun was low on the local Lunar horizon.

Regardless, the structures are obviously many times smaller in dimension relative to the Martian pyramids. Further, unlike the structures on Mars, the Lunar monuments are far taller than broad, much more like Lunar needles than Lunar pyramids.

Like the Martian mysteries, the Lunar structures show quite definitely signs of regularity and repetition! However, the telling point for Dr. Blair, in terms of questioning their origin as the result of some geophysical event, was that the Lunar monuments, were "geometrically positioned". Nobody has suggested that for the Martian pyramids. On that particular point Chandler states:

"Like the great Egyptian pyramids of Giza, the pyramids of Elysium are scattered with no apparent pattern across a smooth sandy plain, and occur in a variety of different sizes but identical shapes and proportions."

But with respect to the Lunar monuments, Dr Blair is again quoted as saying that his "limited and highly speculative analysis of suspect coordinate relationships..." indicates that:

"If the cupids really were result of some geophysical event, it would be natural to expect to see them distributed at random. As a result the triangulation would be scalene or irregular, whereas those connecting the lunar objects lead to a basilar system, with coordinates x,y,z, to the right angle, six isosceles triangles and two axes consisting of three points each."

Translated, this means that Dr. Blair, by drawing various lines from object to object, found right-angle relationships, six isosceles triangles (triangles with two equal sides), and two sets of three objects which lie in a straight line (two points will define a straight line; a third point, randomly selected has a low probability of lying on that line).

In addition, Dr. Blair discovered a large rectangular shaped depression pit, or ditch (depending upon the source) directly west of the Lunar monuments (measured in terms of tens of feet as compared to miles -- without the photographs, references do not make this point clear). The shadow thrown by this depression "seems to suggest four angles at 90 degrees (right angles), and the structure persuades one to think it is like an excavation whose walls have been eroded or fallen inwards".

Dispite the announcement, carried by the Los Angeles Times with superimposed drawings of Dr. Blair's geometrical analysis (see Jury's reference for same), Dr. Blair refused to be pinned down as to whether or not the Lunar Orbiter 2 photograph proved or even suggested an artificial origin for the phenomena, other than to say words to the effect that "if found on Earth, archeologists would....".

"If the same 'axiom' (that all Lunar features were solely the result of geophysical forces) were applied to the origin of such surface features on Earth, more than half of the present known Aztec and Mayan architecture would still be buried under tree- and brush-studded hills and depressions...The science of archeology would have never been developed, and most of the present knowledge of man's physical evolution would still be a mystery."

However, when all is said and done, Don Wilson summed it up best in his comments that:

"Admittedly, there is no conclusive proof that here is alien work. The discovery of large spirelike stones randomly scattered around the lunar landscape (despite Blair's analysis) hardly warrants such a conclusion."

Although this is true, one cannot help but agree with Dr. Blair when he stated that he:

"....would like to see other pictures of that area, preferably some taken from a lower angle which might give us a look at the spires - or whatever they are - rather than just a look at the shadows."

Summary and Conclusion.

- 1) Unusual objects have been photographed on the surface of Luna and Mars.
- 2) These structures do not appear to have terrestrial parallels, if only considered from a natural viewpoint.
- 3) Neither do the Martian and Lunar structures resemble each other. This

is understandable from a natural viewpoint considering the obvious geologic differences between Mars and the Moon; not quite as understandable if an extraterrestrial race were present in our solar system and occupying both the Moon and Mars, either in the distant past and/or currently.

- 4) Both structures (or sets of same) show signs of regularity and repetition - an indication of artificial, not natural construction.
- 5) Without further information, unless NASA has further data and analysis which it won't reveal, no solid conclusion can be made as to whether the Lunar and Martian structures are related to each other; to natural or unnatural structures upon the Earth's surface; or as to whether the Martian or Lunar structures themselves are the products of natural (geologic) or unnatural (artificial) processes.

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Internal Intelligence Theories Versus The ETH.

by Keith Basterfield

Let me state at the outset that I don't accept that any one hypothesis regarding the UFO phenomena's cause is necessarily the entire answer. Personally I feel that on the available evidence THE answer is in fact several answers, including the possibility that some, a very few (and far fewer than most ufologists are willing to accept), UFO reports are of extra-terrestrial origin. However, as to the greater majority of cases which constitute the central core or residue after commonsense investigations have removed satellites, balloons, aircraft, fungus rings, lighthouses, hoaxes etc., I see that a range of internal human mind generated hallucinations, hypnopompic and hypnagogic imagery, delusions, fugues, etc., has as much, if not better claim to being correct than even the ETH.

The purpose of this article then is to argue the validity of internal intelligence theories versus the ETH. For some articles arguing that the ETH provides an effective answer I refer you to (1), (2), (3), (4), (5).

Let us examine 7 areas where the ETH has come under criticism.

1. Non-contact - "Why haven't they openly contacted us?", landing outside parliament house? If we are being visited by extra-terrestrials why don't they come out and say, "Here we are!"? (6)

Answers to these questions range from:-

- *Would you talk to an ant? ET's are so far ahead of us that they wouldn't want to talk to us.
- *They have a law of non-interference with alien lifeforms.
- * Contact might take a long time by our standards to achieve.
- *We are already being pre-conditioned for ultimate contact.

However, whatever the arguments, there remains the fact that there has not been one single report where millions of people have seen a metallic, disc shaped daylight object tracking halfway across a country which can be said to be a "UFO" as we define it for our purpose.

2. Interstellar travel. "It's too far to travel!" Space is vast. We are but a speck among innumerable specks in the universe. Proponents of ETH argue:-

- *Only by our technology today. What about future developments?
- *What about travel by aliens with a long lifespan?
- *How about "ark" ships taking generations?
- *Suspended animation voyages?
- *Snakeholes in space (one better than wormholes)? A giant distance avoidance scheme.

As soon as someone says only by today's standards, you can stop debating. You can't argue with this one. It might happen given enough time. Not to say that it will but that it might.

3. High frequency of reports. (7), (8), (9) "There are just too many UFOs".

A calculation of the amount of energy/materials needed to keep so many ufos near earth is greater than the output of several planets. Answers here are:

- *There is a base somewhere in the Solar System. We are visited only by 'scout' ships (shades of Adamski).
- *So many visits show the Earth must be important (For what)?
- *The high number of observations is due to the same spacecraft.

4. The variety of 'vehicles' reported is too great. There are simply too many different types of vehicles being seen to be due to ET's. You don't expect so many different races of aliens to be visiting us. A simple reply to this is that there is an enormous range of anything, say dogs, cats or cars.

5. Entities observed are almost always humanoid. One expert point of view says that ET's should be at home here and humanoid. Intelligent creatures require binocular vision, stereoscopic hearing, locomotion, adaptive hands or extremities, etc. The opposite but equally expert view suggests that there should be an uncountable number of variations. Which is right, who knows.

6. UFOs violate known laws of physics. A simple answer is that ufos obviously utilise unknown laws of physics, and how can one argue with this? It could be correct.

7. Where are the crashed ufos? (10), (11). If they are technological, even if well advanced they should occasionally crash on Earth. Proponents argue that-

- *They are 100% perfect and never crash.
- *They crash but world (US?) governments cover up the fact.

However, to date we have only anonymous people coming forward to report crashed objects. Until a piece, or an alien is presented the stories remain just that.

As can be seen with a little thought, in these seven areas where the ETH has problems internal intelligence theories (i.e. events are generated by the mind) (we shall call them IIT for short), have none.

1. There can and never will be massed landings with the UFO phenomena.
2. UFOs don't have to travel over vast spatial distances - they are here with us.
3. The high frequency of reports is a reflection of our own ingrown interest in the subject of intelligent life elsewhere in the Universe.
4. The human imagination is unlimited when it comes to creation of spacecraft.

5. Our minds keep generated entities simple. Why concoct an 8 legged, 6 toed, two-headed Aecturian magahorse when a simple 'beatiful Venusian' will do?
6. Imaginations etc can transcend the laws of physics with ease.
7. There will never be any crashed saucers. It's all in the mind!

So, IIT can explain all seven problems areas without much difficulty. How about areas where critics say IIT have difficulties?

1. "Pure imagination should produce, by definition, all sorts of things - but concerning ufos, it does not." 1(2) Internal intelligence, our mind, does in fact produce a range of phenomena-hallucinations, fugue states, multiple personalities etc. We recognise these as psychological problems generated by the mind, and we treat people accordingly. I don't think that anyone would suggest today that the multiple personalities of Eve were aliens. People with psychological problems can imagine themselves famous people, hear non-existent "voices", visualise bizzare self body images, see "little people", have deceptive tactile sensations etc. Thus people who report ufos, may be just sub-group of the overall group which has other subgroups such as "astral travellers", "near death experiencers", "reincarnated beings", "ghosts", "poltergeists", "UFOs".

2. Flap phenomena. UFO reports if internally produced should mirror population growth - how come there are such things as flaps? Internal problems are going on all the time and people may in fact be experiencing ufos, etc all the time but merely reporting it to an interested group when it becomes socially acceptable to do so, thus producing an apparent flap. I have spoken to people who all relate at least one sort of psychic experience during their life.

3. Cities should report more than rural areas if the phenomena is produced by people, if IIT is correct say critics. Not so. One of the suggestions is that IIT is not simply people but certain people or people at certain times, perhaps people under relaxed wakefulness conditions. Rural environments, dark country roads, isolated farms are the stuff dreams are made of.

4. Day of the week cycles can't be explained by IIT. I don't think that day of the week cycles are supported any longer by many ufologists. Studies have shown that unknowns are more likely to reflect the available waking population either on the move or awake at home.

5. Multiple witness reports (13). Critics argue that how can several people reporting the same event be wrong? Pray carefully examine multiple witness reports and eliminate and that do not involve seperated, independent people. There are too many chances for known psychological factors to come into play with non-independent group witnesses, e.g. group average, group tendency to support each other' against 'outsiders'.

6. There is too much international uniformity for the IIT to be right, crossing racial groups. I would propose that IIT has a grass roots, racial heredity to draw on in all people, common human race symbols - the breast (dome shaped), the penis (cigar shaped) to not believe that we are seeing projections of our own mind.

7. Photographic evidence, physical traces, radar cases. An indepth review of many of these three types of cases reveals problems in the interpretation of many of them.

- a. A GSW analysis of 900 photos shows only 30 pr so which they would claim to be genuine. There are critics of even these 30. The famous and oft quoted Tremonton, Montana and Kaikoura movies show merely unexplained lights. They do not show structured, metallic, spaceships. Although unprovable, there might be an alternative explanation to ETH, they might be some sort of currently inexplicable atmospheric phenomena.

- b. Most physical trace cases put forward either lack of UFO connection and/or have a natural botanic or biological cause or rely on a single witness and have a currently inexplicable physical trace. The classic Delphos, USA, event is probably explainable in terms of a fungus and a hoax.

- c. An examination of radar reports leads one to exclude many as spurious returns, misidentified meteorological phenomena, unknown aircraft etc. Very few survive a rigorous review.

8. Abduction cases. Surely the reports of abductions by alien kidnapers cannot be explained by IIT? More and more researchers are reporting work which suggests that abduction events, especially single witness ones have psychological causes. (14), (15), (16), (17).

Hypnosis, used in many cases and in multiple witness events is under fire as far from ideal (18) and may in fact lead to fantasies of the fourth kind. (19, 20). If you disagree with me here, please read "The Tijuana Canyon Contacts" by Dr. Jeffrey M. Scarborough (Prentice Hall, NY, 1980)

9. Psychological reactions. Tactile sensations, fear, horror, paralysis etc can't be due to IIT. Tell that to someone who experiences a bad nightmare or the night terrors and who wakes up with a heartbeat of 160, drenched in perspiration and screaming blue murder! Or to a person sleepwalking who finds herself in the kitchen in the middle of the night holding a cup of coffee but with no recollection of getting from bed to there! Hallucinations can produce tactile sensations exactly the same as in 'reality'. How about fugue states where the mind apparently switches one personality off and another on to cope with some crisis. How about conversion hysteria, which can paralyse an arm or a leg - all mind generated.

10. Electromagnetic effects. No way can IIT explain a car's engine cutting out. Oh yes! who says it really happened? Only your, fallable human witness, often a single one (or the driver in multiple witness cases) capable of creating a 'fantasy' by way of say hypnagogic and hypnopompic imagery on the awake/sleep interface as one drives along in a state of relaxed wakefulness on a lonely country road (you don't get many car stop events happening in daylight).

11. Angel hair! IIT doesn't have to explain this myth. See my article in UFORAN Vol 2 No 4, 1981 pp22-30.

12. Pre 1947 reports - are explainable by IIT. UFO reports have been around as long as people say ETH proponents. IITers merely point out that people and their complex still little understood minds have been around as long as UFO reports.

In summary. All in all after indepth review of the available evidence, although there are certainly a few cases which cannot be explained, (after a thorough investigation eliminates a greater percentage than even the most ardent ufologist will currently admit) by IIT these theories stand up to the facts as well, if not better than the ETH.

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Internal Intelligence Theories versus Common Sense.

by Frank Gillespie.

As a rule, I am completely tolerant of the views held by my ufologist colleagues, irrespective of the merit of those views; but when the claim is made that mind generated hallucinations can explain "the greater majority of cases which constitute the central core or residue" of UFO events, I cannot allow such a claim to pass unchallenged. Keith Basterfield, in the previous article, makes this claim, even though the limited evidence he presents clearly indicates otherwise. He even provides a tenable (but not always the best) answer to every criticism of ETH, yet steadfastly refuses to believe anything which conflicts with his own pet theory.

For the time being, I do not intend to discuss the merits or otherwise of the ETH; suffice to say that I expect to deal a death blow to any and all criticisms of that hypothesis at the next UFOCON. Neither will I pick Keith's paper to pieces point by point --- the contradictions, and lack of true logic should be apparent to anyone not completely of the same persuasion as Keith himself. I will simply point out some valid objections to Keith's Internal Intelligence Theory as a major contributor to the explanations of UFO's, and show how the facts provide evidence for the true significance of the theory.

Any product of the human mind, should have geographical and temporal distributions of occurrence which correlate closely with the corresponding distributions of human minds themselves. Other factors can, of course, perturb these correlations; but unless one or more of these are themselves negatively correlated with the distribution of human minds, then they cannot completely hide the original correlation. This leaves IIT completely powerless to explain the pre-1947 hiatus in UFO reports --- no perturbing factor has ever been proposed, which would result in a 10,000 to 1 or greater rise in the frequency of reports of peculiar events. IIT is also inadequate in dealing with the high proportion of reports coming from virtually unpopulated areas --- about as many as come from the big cities. The difference in population densities is far too great to be explained away by such minor factors as darkness and isolation.

The majority of UFO reports, both explained and unexplained, consist of nocturnal lights. Some, such as the two which were observed simultaneously by myself, completely defy conventional explanation. Yet, nowhere in IIT is there any prediction that people will see nocturnal lights. Objects and beings, normal objects, weird objects, humanoid beings, bizarre beings, all these can be conjured up by the disturbed mind, but never little lights, just like stars, but somehow different. For a start, the observation of a light must usually extend over a prolonged period, in order to establish that it is different from a star; and it must also take place in the context of the night sky background, which itself must be, in every way normal. Both of these factors strain the credulity of an IIT explanation, particularly in view of the vast number of cases involved.

Keith himself brings up the anomaly (to IIT) of multiple witness reports, but speculates that group pressures will bring about group behaviour, even to the extent of initiating outright lies. I was once in a group doing a management course, where a psychologist endeavoured to demonstrate that such group behaviour happens --- he failed miserably. The normal behaviour in any group is that no two persons will agree fully on the details of any event --- just ask any traffic

accident investigator. Group pressures do exist, and they do modify the behaviour of individuals within the group, but rarely when the matter involves the individual's recollection of a witnessed event.

It is not a normal function of the human mind to produce false images in such a way that they are accepted as real. People who genuinely report such images are therefore abnormal, or, by definition, nut cases. If, as Keith would have us believe, most UFO reports are mind generated, then there are many thousands of people who have had a very brief lapse into insanity, followed by a spontaneous explanation of the experience of the problem. The only acceptable explanation for such a phenomenon would be a hitherto unknown microbe, which affects only people's minds, and to which the sufferer becomes immune after one infection. If such a microbe exists, then the pattern of cases should resemble that of known infectious diseases; and I have not observed any such resemblance. For a start, UFO investigators, who have frequent contact with UFO witnesses (and their contacts) shortly after the "sickness", should have a much higher than normal incidence of UFO sightings. Such, I regret, is not the case.

On the other hand, if, as you would expect, the person who hallucinates once is almost certain to hallucinate again and again, then we do have, in IIT, a logical explanation for the people who have multiple UFO sightings. Many of these are demonstrably frauds; but the remainder, including those that are clearly nut cases, fit perfectly within the framework of IIT, and I am perfectly willing to concede that Keith's ideas apply to these UFO events. I am not prepared to concede even one more case to IIT, mainly because I do not believe in spontaneous cures for insanity; but also because there are other theories which fit the facts so much better!

It is becoming more and more obvious that any logical explanation of UFOs must invoke intelligence of some kind. Keith Basterfield believes that this intelligence is mainly internal, but all the statistics indicate that the contribution of internal intelligence is little more than a ripple in the background.

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The RAAF UFO Files

by Bill Chalker.

Since January 1982 I have been undertaking the first direct civilian examination of the RAAF UFO files ever allowed. Now, after 3 visits to the Russell Offices of the Department of Defence in Canberra (namely January 11-14, May 7th and June 4th, 1982) I will summarise the results of these exercises.

1. More than 1,000 reports were examined.
2. A total of 53 files have been examined.
 - 46 "sighting" files covered by 2 separate file series and relating to the years 1955 to 1981 (only 3 files relating to events in about 1974 to 75 remain to be examined, however most of the more interesting "unknowns" from this small period have already been acquired e.g. 1973-NW Cape and 1975 - Brisbane preapitate event and Nebo area gravel pit physical trace case)
 - 7 "Enquiry" files covered by 2 separate file series and relating to material from 1966 to 1981.
3. The "unusual Aerial Sightings" (UAS). Summaries for 1978, 1979, 1980 were made available for the first time during the January 1982 visit. This provided the first occasion that RAAF $\frac{1}{2}$ Defence Department summaries have been available for the years through 1960 to 1980.
4. During my May 1982 visit, I had to sign a Statement ensuring the confidentiality of witnesses. It was clarified with the Directorate of Air Force Intelligence (DAFI) that this only applied to events in which witnesses reported details

in confidence and not to reports that were subject to publicity in which names were public knowledge.

5. I was able to make a detailed summary of the RAAF reports on file from 1955 to 1959, thereby providing for the first time, a complete summary listing, from late 1955 right through to 1980.

6. I was allowed a completely open review of all 53 files, however subsequently DAFI has asked me to delete certain references which have been of a non-sighting nature.

7. I have been denied access to only 3 files which ostensibly constitute the total holdings of one file series entitled 'Investigation of Flying Saucers Policy', apparently covering material from 1953 to date. The reason given for this denial of access revolved around the principle that they are "policy" files and do not contain sighting reports. However it was determined that at least the first file of this series, appeared to be a confusion of miscellaneous documentation, letters, policies, etc. During my June 1982 visit, the DAFI Intelligence Liaison Officer (ILO), showed me the 3 files in question and allowed me access and copies to particular folios (or parts) of the file, after I had identified them and he had vetted the Hems for clearance. Possible future direct access to at least the first of 3 files mentioned here, is still being negotiated.

8. A major discovery in the first of these "policy" files was the so-called "Report on 'Flying Saucers' " hither-to-unknown to researchers. This document was written by H. Turner, M.Sc. in late 1954, Turner, of the Australian Scientific Liaison Office, a unit of the then British Commonwealth Scientific Office, in London, England, was at the time working out of Melbourne University. DAFI arranged to have 2 DAFI 'flying saucer' files placed at his disposal for analysis.

Of particular interest is the fact that report includes a detailed tabular summary of the DAFI/RAAF 'flying saucer' reports from 1950 to 1954. The Turner report, in part, concluded:

"The evidence presented by the reports held by RAAF tend to support the --- conclusion---that certain strange aircraft have been observed to behave in a manner suggestive of extraterrestrial origin."

9. For the first time an almost "complete" picture of the RAAF involvement in the UFO controversy can be provided from the period 1950 to 1981 based on:

1950 to 1954 - the 1954 Turner Report

1955 to 1955 - Personal summary of RAAF files-and personal files review.

1960 to 1980 - RAAF UAS summaries and personal file review

10. Further DAFI file searches are being undertaken to uncover other files. At this stage only 2 other known files series remain to be examined. Both of these appear to be related to 1950's files. These are still "lost" possibly in Defence Archives, however attempts are still continuing to locate them.

11. Information about many hither-to unknown incidents of value were obtained.

e.g. 1956 - Tambar Springs NSW close encounter of more than 5 minutes duration.

1957 - Radar and visual event involving Met Radar at Hobart and ATC at Launceston in Tasmania.

1958 - Daylight sighting at Wulkuraka QLD viewed through theodolite - multiple witness - UFO in RAAF control zone of Amberley - confirmed "unknown".

1959 - Burren Junction, NSW - close encounter involving policeman - landing event related.

1960 - USAF aircraft UFO encounter near Cressy (!!)

12. Detailed information was obtained on many "classic" cases.

e.g. 1959 - Risdon, Hobart, Tasmania daylight disc

1959 - Papua sightings including Gill report.

1960 - Cressy sighting

1963 - Willow Grove/Mae CE

1964 - Groote Eylandt 'EM' case

1966 - Tully landing

1968 - Heyfield "landing"

1971 - Tooligie Hill "trace"

1972 - Mauraduc Road CE

1973 - Kimba "entity" report.

1980 - Rosedale "landing"

13. A preliminary report has appeared in the UFO Research Australia Newsletter

(UFORAN) in 3 parts. Vol 3.Nos.2-3-4. (March-April, May-June, and July-August 1982) Another article will appear in 'Omega-Science' in the September-October 1982 issue.

14. A comprehensive report is intended for the national UFO conference (UFOCON 7) at Hobart, early in 1983.

15. Further papers will be published as they become available.

e.g. The Drury UFO film affair.

The RAAF and UFOs-is there a coverup?

These articles will be circulated for publication in UFORAN, JOURNAL of the Australian Centre for UFO Studies, FSR, MUFON UFO Journal, and the APRO Bulletin.

16. A fuller treatment of the RAAF involvement in the UFO controversy will be published when it is completed.

Bibliographic Notice

John Prytz would welcome any bibliographic references from general "newsagent" journals/magazines published in Australia, which ACUFOS readers may have in their personal files, on any topic covered in his "ACUFOS Bibliography Service", for intergation into his master ACUFOS document bibliography, due to be released very early in 1983. Details should include the author(s) (if any); title of the article; name of the journal/magazine; the date of the issue (or lacking that the volume and issue number and year); and the page(s). As it is to be desired that Australian content be maximumized, John is hoping for reader co-operation, as many references cannot be traced through established general Australian bibliographies. No newspaper references; overseas citations (excepting New Zealand and P.N.G.); or references from Journals of a highly specialized and limited access nature should be sent. John can be contacted at: P.O. Box 1703, Canberra City A.C.T. 2601, Australia. IF the subject matter is not obvious from the title, please add a note to explain the nature of the contents.

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