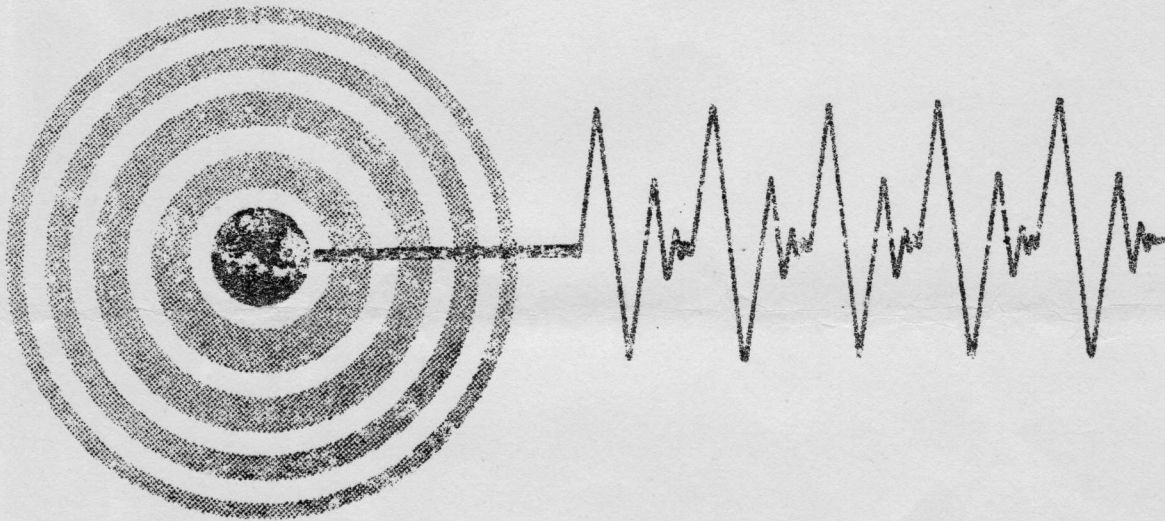


# A.C.O.S. BULLETIN

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AUSTRALIA

## DEFINITION

We define the UFO as the reported perception of an object or light, seen in the sky or upon the land, the appearance, trajectory, and general dynamic and luminescent behaviour of which do not suggest a logical, conventional explanation and which is not only mystifying to the original percipients but remains unidentified after close scrutiny of all available evidence by persons who are technically capable of making a common sense identification if one is possible.

Dr. J. Allen Hynek

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EDITORIAL.by H. Griesberg & D. Seargent.

If UFO research is ever to gain the respect of those who matter in this world, we are afraid that many sections of the business will need to take a crash course in growing up. We don't mean that we will have to become a lot of stuffed-shirt conservatives - heaven forbid! - but we do mean that this pseudo-espionage hocus pocus, and all things of that sort will need to be put right where it belongs - down the nearest sewer pipe!

Dear researcher, do you really suppose that the CIA, KGB, ASIO and the Secret Service really care a Tinker's you-know-what about what you are doing, or about UFOs, or about ACOS or any other aspect of this matter? Why should they? Do you suppose that they spy out astronomical societies looking for subversives, or pop their slimy little heads up among roses on display at the Methodist ladies fete?

If you think they are busily spying on us, undoubtedly you believe they attend every meeting of the Order of the Eastern Star and the Inner Wheel. We realise (at least we hope) that we are preaching to the converted on this matter, as anyone in ACOS ought to have better sense than to bring the credibility of research into a scientific (not military) problem like the UFO, into disrupute by displaying paranoid tendencies and playing spy. Nevertheless, it is better to be too alert than to be too snug, and there is always the possibility that people calling themselves "spokesmen" for ACOS will give us all red faces by going on with a lot of ----- rubbish about governmental (American?) eyeballs under our UFO detectors.

Especially are headstrong teenagers likely to play this childish little game. Remembering our own adolescence (not too long ago) we recall that we knew just about everything in our teens (what was wrong with the world, how this could be put right, and what political system was needed to make everyone happy). We now realize that if our ideas had been put into practice, the very things we all cherish most would, by now, be in grave danger.(CONTINUED ON PAGE 5)

A few people have remarked (complained would be too strong a word) that in assigning many UFO reports to the IFO category, insufficient reason is given for such an assignment. The implication is that the decision in some cases may be arbitrary. Such is distinctly not the case; There is good reason for such assignment in every case, but not only does space not permit such details, they would make for most uninteresting reading. Phone call after phone call to witnesses, to airports, to NORAD, to radar installations, to balloon launch facilities and to advertising plane companies is often necessary to establish that what otherwise would have been recorded as a UFO was indeed identifiable.

There are instances, however, when the description of the observation so patently fits that of a meteor or a satellite there is little point in spending great amounts of time in tracking it down. Even if this were done, little would be added to our research effort, the main reason for our existence. One more or less "light in the sky" will contribute little to our knowledge. Far better to spend time on the provocative cases, those which promise scientific "pay dirt". Only if we are sure that a given report was not the result of an IFO are we justified in calling scientific attention to the reported event. Uncritically calling a sighting a UFO is a form of wishful thinking and will neither help research nor will it gain the respect of scientists and the public.

Some significant cases come out of the past, sometimes surfacing years later. These do not come from the telephone, but largely through the "grapevine" ... by letter and by private conversation. Often they come from people who had not wanted to have their experience known, largely because of the fear of ridicule. Frequently they recognize that if it hadn't happened to them they would not believe such a story themselves, and they, themselves, would have heaped ridicule on the teller. So they are well aware of their fate should they broadcast their story. It doesn't take much courage to report a Nocturnal light because this doesn't really impugn the teller's sanity. But a Close Encounter of the second or third kind ... or even a Daylight Disc is a different story. These cause raised eyebrows and the exchange of significant glances. Why then do these cases come to light at all? The witness sooner or later just has to tell someone someone he feels he can trust, so he tells his spouse or a close friend; the story is often just too good to hold, however, so it is told to someone else (in confidence.), and sooner or later it leaks out. Sometimes enough time has elapsed to give some manner of protection; sometimes something that happened several years ago can be told in the guise of an interesting anecdote and thus doesn't have the impact of a current news flash.

COLLECTION OF SAMPLES IN TRACE CASES.by Dr. G. T. Stevens.

A new technique (thermoluminescence) has recently become available to ACOS for the analysis of physical trace events. This method is potentially capable of detecting the effects of any ionising radiation from the UFO and also measuring any heating effects. It can be applied to almost all inorganic non-conducting materials such as soil, rock, bricks, bottles, roof tiles, etc. Overseas, scientists have used it to study effects of ball lightning on a church steeple (1) and a brick house (2), a UFO on a soil (3), atom bombs on roofs (4) and so on. Recently I had the opportunity to study a case in which superphosphate had previously been spread around the site.

A good account of the technique was given by Professor Zeller at the 1976 CUFOS Conference in Chicago (3). Zeller makes the point (which I have previously made) that the ultimate quality of the data obtained in any evaluation depends on the care and intelligence in which the samples are collected from the site.

I wish to make the following suggestions for collection of samples. These are offered only as a guide and the field investigator should adapt these to each particular case.

1. Go prepared to take a large number of samples. Thirty would not be an unreasonable number. Small plastic pill-packs are probably the best containers.
2. Carefully label samples - do not include label inside the container (it may rot).
3. Carefully note where each sample is taken.
4. Samples should be taken inside, around and at some distance from the affected area.
5. Some form of grid pattern should be attempted at a spacing commensurate with the dimensions of the affected area e.g. half the diameter of a circular region. If the trajectory is known, take samples along this and at right angles to it.
6. Samples for thermoluminescence evaluation should be carefully scraped from the surface; a heaped teaspoonful is the minimum requirement for complete analysis. Smaller amounts are acceptable but may require a return to the site for more material if something unusual is found.
7. It could be valuable to have samples taken from below the surface, say 6 and 12 inches (15 and 30 c.m.), from within and outside the affected area.
8. Larger samples are required for conventional chemical analysis - say about a jam-tin full. These should be taken from the surface at least at centre, edge and well away from the affected area.
9. Samples of normal and affected vegetation should be taken and kept separate from soil samples.
10. Any artefacts such as bottles, cups, broken glass within or near the affected area should be taken intact. The part of the artefact exposed to the assumed position of the UFO should be noted.
11. Any solid fertilizer, such as superphosphate, should be collected as per item 5. above.
12. Take plenty of photographs including the general area and closeup details.

Zeller suggests that the samples for thermoluminescence should be refrigerated, but unless the samples are collected on the same day as the event I cannot see the value in this.

The thermoluminescent technique effectively measures the amount of radiation damage in a sample. A major advantage is that (apart from an effect which disappears within a day or so) this radiation damage in quartz - a major component of soils, etc., is reasonably stable and old sites can be reinvestigated using this new technique. For example the incident involving the church steeple (1) occurred in 1846.

I urge all groups, when investigating good sighting report that is well correlated with effects on the environment such as dead or burnt vegetation, discoloured rocks or walls etc., to remember that the thermoluminescent technique is capable of providing some figures on the amount of heat and/or irradiation involved. The site should be visited promptly, samples carefully taken along the lines outlined above, and sent in well sealed containers to A.C.O.S., P.O. Box 546 GOSFORD N.S.W. 2250, or to DR. G. Stevens 64 Palmer St., BALMAIN N.S.W. 2041 (Phone 82-1821). A full report of the analysis will be sent to the group involved and to ACOS.

- References: (1) A.A. Miller, 'Ball lightning and thermoluminescence' *Nature Physical Science* 233: 131 Oct. 18, 1971.
- (2) S.J. Fleming and M.J. Aitken, 'Radiation dosage associated with ball lightning', *Nature* 252: 220, Nov.15, 1974.
- (3) E.J. Zeller 'The use of thermoluminescence for the evaluation of UFO landing site effects' Proc. 1976 CUFOS Conf. P.301. Center for UFO Studies Evanston Illinois 1976.
- (4) Y. Ichikawa et al. 'Thermoluminescent dosimetry of gamma rays from atomic bombs in Hiroshima and Nagasaki'. *Health Physics* 12: 395, 1966.

SOME NOTES ON GROUND MARKINGS.

by Keith Basterfield.

Ground markings have long been part of the UFO phenomenon, and one area which has received special attention from the media. The finding of physical evidence of unknown cause has led the media to speculate (rather wildly) on "saucer nests". However it appears that in Australia there have been few markings which have had a definite unusual event associated with them. Tully, Queensland would be a good example of a seeming UFO related marking with no conventional explanation.

In reviewing several ground markings which have been examined by UFO Research Inc. over the years we have progressed a small way towards establishing some sense out of some of these so called "nests."

There are two clear and separate groups of the eight markings (1) reviewed. Firstly, there are four cases in which we can state that fungus was the cause and four where a cause has yet to be ascertained. It should be noted that one and only one (Tooligee Hill) may have had an associated unusual aerial event(2).

In order to learn something from an examination of these two types of markings we will provide brief tabulated details of each (See Table A&B)

Table A indicates four 'fungus' rings. These are (usually) characterised by:





- (a) Bare soil or lush growth circles,
- (b) White fibres in the soil as compared with test sample from outside the affected area, and
- (c) Show no rotational effect of crop, grass etc, with
- (d) no trough dug in the soil, merely a flat doughnut (seen from above) and
- (e) a soil analysis will reveal fungus in the soil.
- (f) no associated UFO event.

Group 2 meanwhile usually don't have any traces of white fungus mycelium in the soil, have crops or grass rotated/swirled, and may have an associated UFO report. This group possibly has more than one cause but as yet these can only be guessed at. Tooligee Hill and Wokurna represent a "rotation" of crops leaving bare soil circles whereas Bordertown provides a view of a crushed and swirled crop. Note especially that Tooligee Hill Wokurna and Bordertown all show anti-clockwise directions of swirling (See Table B)

Discussions were held with the South Australian Museum, Department of Defence, CSIRO and the Met Bureau seeking a cause for the Wokurna marking, and with the S.A. Police Forensic Squad on Bordertown with no conclusions made. Elsewhere in Australia, similar markings have been found but no strong evidence has yet been forthcoming that the marks are caused by UFOs.

- NOTES:
- (1) Photographs of all eight markings are held on file.
  - (2) Report from UFO Research Investigation on file.
  - (3) See "How to investigate physical trace cases" by UFO Research Inc.

TABLE A  
Group IFUNGUS RINGS  
Sth. Aust.

	SEAVIEW DOWNS	EUDUNDA	PT. PIRIE	CLARE
Location	City	Country	Country	Country
Date found	4.10.72	April 1974	May 1973	July 72
No. of marks	3	10	8	3
Diameter		2' to 18'		4'-5'
Shape	Circular filled in	circular band	circular band	10"-12" circular band
C/S	-----	4" circles dead or dry grass	③-----	-----
Crop affected	Lawn grass	Paddock	Salt bush	grass
Rotational effect	no	no	no	no
Centre	T T			
Trough	R Y	n/a	n/a	n/a
Rim of trough	O P			
	U E			
	G			
	H			
Lush growth?	R T I Y C P H E	yes, overnight rain, black specks	n/a	n/a
White traces as in soil	-----	?	yes	?
Soil	?			
Crop	grass			grass
Sketch:				
Plan				
C/S	-----	-----	-----	-----
Any visual/audio effects	noise	no	no	no
Soil samples analysed	Visual Ilo by CSIRO	no	yes	no later went three rich cir.
EXPLANATION TO DATE	FUNGUS	FUNGUS SAME RINGS SUPERIMPOSED	FUNGUS	FUNGUS

EDITORIAL (continued from page 1.)

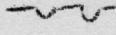



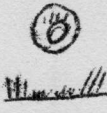

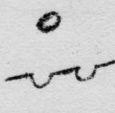
Please don't get us wrong. We are not anti-teenager, but we do think that MANY teenagers are too headstrong and too immature for the UFO business and would probably be better off seen and not heard by the public. Our own experience with them is that they can do more harm than good and their very enthusiasm is most often their greatest problem. This is not a place for games. The above not only applies to teenagers, but to some adults as well. If these people wish to play "Star Trek" and "I Spy", let them go ahead by all means - but please don't call it UFO research and make sure that ACOS and its affiliated organisations and individuals share no part in it.

TABLE B

## RING EFFECTS

Group 2

Sth Aust.

Location	TOOLIGEE HILL	BORDERTOWN	WOKURNA	PT. NEILL
Date found	Xmas 1971	Dec. 1973	Dec 1973	Mar 77
No. of marks	1	7	1	1
Diameter	ca. 8'	85" to 15'	ca 8'	ca 14'
Shape	circular trough	circular	circular	circular
Cross section		—		
Sizes	45" centre 24" trough 24" flat wheat	various	—	—
Crop affected?	yes, 24" flat wheat	flattened oats	baresoil flat wheat	no crop
Rotational effects?	Anti-clockwise	Anti-clock.	Anti-clock	none
Centre	T			undisturbed
Trough	R			yes
Rim of	O			
trough	U			
	G			very hard
	H type			
Soil	hard clay	sandy loam	—	—
Crop	wheat	over clay oats	wheat	thin grass
Sketch:				
Plan				
C/S				
Any visual/audio effects?	Poss. red lits.	no	no	no
Soil samples analysed?	no	yes. nothing	yes. nothing	yes nothing.
Photos available?	yes	yes	yes	yes
EXPLANATION TO DATE	NONE	NONE	NONE	NONE

Can Man ever colonize the Universe?

The sensible answer is, of course, "No" followed by a string of reasons. But let us not be sensible for a few minutes. Let us be downright stupid and (therefore) possibly right.

It seems to me that two of the strongest objections to human colonization of the Cosmos are:-

- a) There will never be enough human beings to spread throughout the universe and
- b) The distances involved are so great that Man will never be able to span them.

Let us take these in turn, remembering that we are not going to be sensible about it.

a) Isaac Asimov (in a factual, not fictitious, mood) calculated the time it would take for the weight of all human beings to build up to that of the entire universe (i.e. the entire observable universe, consisting of about  $10^{11}$  galaxies, each containing about  $10^{11}$  stars). Given the present increase in human population, the mass of humanity would equal that of all these  $10^{22}$  stars in LESS THAN 5,000 YEARS.

This is enough to send a chill down anyone's spine unless there are some pretty drastic population control programmes in the world, as long before this "goal" is reached, the population bomb would have put an end to mankind's desire to colonize the universe - by putting an end to MANKIND, through starvation.

But suppose that population is controlled (a reasonable assumption, I think) and humanity does survive. Even a controlled population could be so directed that all the habitable planets in the universe could be as populous (with human beings) as our own earth within 5,000 years. If some way of travel could be found, we could be truly cosmic in about the same time as it took for the rise of Chinese culture.

b) Now we come to the really sticky problem. Can we travel that fast? Let us look at 3 ways in which this might be possible, starting from the most way-out suggestion and then working back to something closer scientific respectability.

- 1) Instantaneous transference (ITF for short, also called "apportment" in parapsychological literature) without the use of technology.
- 2) ITF but with the use of technology - i.e. the "hyperdrive".
- 3) Space travel near the speed of light, making use of the time dilation effect and the Fitzgerald-Lorenz contraction of space (really two sides of the same coin).

We will take these in order.

1) This sounds totally absurd and, of course it is - but it may still be possible. Several years ago, a hypnotist put a small group of people, including himself into a trance and told them to project themselves (in an out-of-the-body state) onto another planet. One man was not hypnotised but acted as the "control".

Upon awakening, and before they discussed their experience, each member of the group wrote down his experience and these were then compared. It appears that all the members of the group had the same experience as they all described a journey through space to another solar system and the visitation of a strange planet with vast deserts, lakes of oil, a huge red sun and weird leafless trees with tightly circuitous branches. Mass hallucination, telepathic dream .... or the real thing?

Similarly, scientists in the USA working with an artist whose "astral projection" is almost second nature to him (and whose paintings seem to reveal distant parts of the universe) asked for an astral trip to Mercury just prior to the US space probe. The artist told them that Mercury was covered in craters (which could have been a lucky guess) and had a weak magnetic field (which no-one suspected as it seemed to conflict with what we thought we knew about subterrestrial planets). Nevertheless, when the results from the US space probe came back, both clairvoyant results were vindicated.



If this phenomenon of "travelling clairvoyance", "out of the body states", "astral projection" or whatever-other-name-we-may-like-to-give-it is a fact, it may well save much time and expense in future space research, provided of course that real perceptions can be dissociated from hallucinations. But how can it be used for space travel?

A really wild suggestion may be that it may be associated with those disappearances and materializations that are sometimes noted in psychic experiments.

A possible model for all this involves the concept of "hyperspace" and the further supposition that we are extended to some extent into this realm - think of it in terms of a hyperspatial organ. This "organ" is able to move through hyperspace and bring us information from distant places (perhaps all places are equally distant - or close - to a hyperspatial entity) and thus gives rise to travelling clairvoyance. All we need now is some way of blasting through hyperspace and we have it made.

Think of a space traveller of the future. No rockets, no ship - all he does is lie back on his lounge and unfold his travelling clairvoyance, hunting out suitable planets and then - ITF and Andromeda here we come. (Did I hear someone say something about a new meaning for armchair astronautics?)

2) If the above is too much for you to swallow, perhaps it would help to think of a mechanical device which could travel faster than light or take a running dive through hyperspace.

Perhaps I should say something about this "hyperspace" itself or rather something about "space", as to appreciate the one enables better appreciation of the other.

Space, according to people like Hoyle, Narlikar and Sciama, is really due to the inertia caused by the three universal vectors, electricity, magnetism and gravity. To put it briefly, if we wish to go from A to B (and who doesn't) we are required to overcome all the electromagnetic and gravitational forces, originating in the far reaches of the universe which are trying to hold us at A (in a state of rest, to which the "pull" of the distant masses of the universe are always trying to bring us). It takes effort (expenditure of energy = "work") to get from A to B and this is translated to us as "motion" - the two components of which are "space" and "time". In other words space and time are both the result of our being susceptible to gravi-electromagnetic influence.

Now we can understand one meaning of "hyperspace". It is simply the state of NOT being susceptible to gravi-electromagnetic influences.

Put in another way, if we were not susceptible to GEM influences (or, which is the same thing for our present purposes, GEM influences did not exist) we would not need to travel from A to B, because such a "journey" would require no effort. If we were at A we would also be at B - space and time would lapse, space to a point (which would include infinity) and time to an instant (which would include eternity). This would be the condition of hyperspace - everywhere everywhen is here and now. But how can anything arrive at this condition?

Simple. Just desensitize to GEM influences, that's all (Professor Josephson speculates that psychokinesis - i.e. "mind over matter" - may be caused by the observer's ability to alter the basic structure of a system. He finds evidence, for instance, that experiments designed to show the effects of some basic laws of microphysics tend to reveal what the experimenter expects, and he speculates that this may result from the observer subconsciously altering the nature of these laws themselves. Perhaps those laws governing our susceptibility to GEM influences could be altered in this way, either by psychokinesis or by some more mechanical means).

Alternatively, it may be true (as some physicists believe) that space is filled with "wormholes" - tunnels through hyperspace - and hyperspace travel may involve no more than the ability for a spaceship to enter one of these.

3) Assume that neither of the above suggestions are possible. Does this mean that mankind can never colonize the universe?

No. It does not. Imagine a giant spaceship accelerating at a constant

1g for 12 months. The astronauts will feel perfectly comfortable, as the acceleration will have the same effect as the gravity of earth, but, after a few months they will notice something mighty peculiar about the universe outside their ship:- it is shrinking. All distances have shrunk. This effect is, moreover, increasing all the time, until at the end of the year all distances outside the ship have become zero, - just like hyperspace again. (This is the Fitzgerald-Lorenz contraction. As an object approaches the speed of light, it contracts in the direction of its motion. An observer outside the spaceship would see it become "flat", but for the astronauts, it is the universe which is moving relative to them and the contraction will manifest in the separation of astronomical objects in the line of flight).

What this means is that at the end of the year, (when the ship will be very nearly at the speed of light) ALL the objects in the universe will be equally accessible - the furthest galaxy will be no "further" than the nearest star. Just point the ship at wherever we wish to go and decelerate at 1g and in another year we will be there.

Imagine three starships leaving the earth together. We suppose that they are fitted with a very efficient atomic drive (probably matter-anti-matter) that enables them to reach very high speeds at which they can unfold a magnetic net and capture the free hydrogen atoms of space, forcing them through their engines in ram-jet manner and thereby eliminating the necessity for vast amounts of fuel.

One of these ships is bound for a planet 50 light years away, another for the Andromeda Galaxy, 2 million light years away, and the third for a galaxy that has not yet been born - 20 thousand million light years away - the light of the embryo galaxy is only just reaching us.

Now, because two years pass for the crews of these ships (time on the ships is governed by their acceleration, and all the ships share the same 1g), each party of astronauts will age by the same amount i.e. by 2 years. When the crew of ship number 1 are two years older, they step out on their planet fifty years (earth time) later. They will be long dead and two million years will have passed by the time the crew of ship number 2 step out (themselves only two years older), and the descendants of this crew will long have spread throughout the Andromeda galaxy, by the time the crew of ship number 3 reach their destination. (Earth, the sun and possibly even our galaxy will be dead by the time these astronauts - two years older by now - reach their planet).

We can imagine, that just as ship number 3 lands, an alien spaceship, piloted by men of remote human stock, is found to have just reached the same planet. After greetings and language translations, the number 3 captain learns that the alien crew are from the far-off galaxy he knew as Andromeda. The alien captain tells of a myth long held by his people of how, at the beginning of time, a star-man came from another galaxy and seeded a single planet and how the seeds of this planet spread throughout the Andromeda galaxy. But the old one may only be a myth; does number 3 captain know of the Old One?

"Yes" he answers, "in fact, I knew him well; HE WAS MY BROTHER".....

In writing up a summary of reports which involve a fair amount of detail, I at some stage decide whether the facts which can be determined and the account as given by the reporter agree. Some examples of this will show the way in which these may differ.

In 1973, a farmer at Kalyan, South Australia, was driving his truck along a dirt road when he noted a light to the left of his vehicle which he said approached him. He thought it passed over his cab and as it did so, the vehicle's engine and headlights cut out for several seconds and then came back on again by themselves. He reported the event and was subsequently interviewed.

At the interview he was asked (a) did the light alter its size? (b) did its brightness alter? (c) was it continuously visible? His answers were (a) no, (b) no, (c) no, it "blinked out" twice. So, we inspected the location and his truck and were forced to place a differing interpretation on what had happened, which agreed 100% with his observations, but which differed from what he thought had happened.

Our re-construction was that the light was in fact moving roughly parallel to the truck, was at least 300 yards away, gaining angular elevation and did not pass over the truck. The distance factor was determined as there were two trees and only two trees in the paddock to his left which fitted perfectly the location of the two "blinks".

This altered the account from an "object stalls truck as it flies over", to an "unknown light near truck whose lights and engine momentarily failed". This change in what the reporter thought happened may then be looked at as (a) a light and (b) possible battery terminal fault on the truck (note that the truck's battery was found to be flat next day) which then may or may not have been related to the UFO phenomenon.

Several reports of orange lights in the sky were made from a small country town. We first interviewed a PMG employee who adamantly claimed that a group of orange lights were very close to him and near the ground. The story seemed very good - a close encounter type 1. We then talked to half a dozen other people who described the same pattern of lights, the same colour and in the same position in the sky. They however thought the lights were a long way away. The solution was eventually found in an Army testing ground 25 miles away firing parachute flares up to 7000 feet. For some reason known only to the PMG employee's perception centre, he had perceived the lights as much bigger and closer than other reporters.

More recently, in Feb 1977, an elderly couple were driving towards Mt. Gambier when they reported seeing a pair of rainbow coloured lights apparently following their car which moved right up close at times. A car went past them in the opposite direction and the lights nor the occupants of this car reacted to each other. However, upon questioning the couple it was found that the lights didn't increase in size or brightness at any stage and were observed only through the vehicle's rear vision mirror on a very hot night. The very likely explanation was of headlights of vehicles on the road behind the reporter's car.

Every case reported to us needs to be looked at critically. Poor perception can make a case appear excellent at first. If it is still as "good" after investigation, then all very well and good but check it first. A description of a reported event without an investigator's discussion and a check as above is almost useless because anyone reading the report is going to spot the discrepancies straight away.

- A good idea is to ask the following questions during an interview:-
- (a) Is the observation continuous? If not could it be explainable by two separate things e.g. star then satellite.
  - (b) If the reporter mentions an approaching/receding object, ask did it alter its angular size and brightness? If not suspect an alternative geometrical situation.

(c) ~~could~~ ~~be~~ ~~explained~~ ~~in~~ ~~conventional~~ ~~terms~~? For example Kalyan **COULD** have been caused by a faulty battery terminal and a satellite. This is not to say that it actually was.

If we are ourselves critical with cases which **COULD** possibly be caused by conventional stimuli and present a pro/against style of discussion with each case, then really "good" cases will speak for themselves.

In summary, I would suggest that all investigators bear the above points in mind when looking at a report.

UFO REPORTS - VEHICLE EFFECTS.

by Keith Basterfield.

A recent ACOS Bulletin (1) carried a short article by myself entitled "A matter of fact" in which I mentioned that UFO Research Inc. was developing a specialist report form/information sheet for cases in which a vehicle was allegedly affected. This form has now been completed and copies have been forwarded to All Australian groups who are members of ACOS (2). Before we can seriously study vehicle effects we need to gather more indepth data, so I would request that all organisations use the specialist form to gather this much needed information. If the form is used on a case then I would appreciate receiving a copy of the report and form as we are conducting a research project on this topic. Your co-operation in this regard would be much appreciated and any results will be disseminated to all participating organisations.

One item which the report form suggests be done is a check for alterations of the vehicle's magnetic signature (3). When a piece of ordinary low carbon content steel is stressed beyond the elastic limit of the material, it becomes fixed to an extent, and will retain a permanent magnetic imprint pattern of the Earth's field at the time the material was produced.

Such is the case with the sheet metal used in cars. The magnetic pattern in individual external door panels, the hood and the roof ordinarily remain constant for the duration of the yearly model of the car, as the same discs are used to make the parts of each car that year.

On the day the parts are manufactured they have a distinct magnetic pattern inbuilt which will not be changed by day to day use of the vehicle. The pattern will however change if the car is affected by magnetic lifting devices, spot welding, chrome plating or by an accident and subsequent panel beating.

More importantly perhaps, if the car passes through a magnetic field it will retain the pattern of this field and not the one previously built into it when the car was made. Magnetic fields strong enough to do this do not occur naturally, i.e. they can only be manmade as per the above list e.g. panel beating.

So, take the car of a person who claims to have been close to a UFO and said the vehicle's engine was affected. Place the car so that it is pointing to magnetic north and put a compass at 40-50 distinct places on that car, say edge of bonnet, above car door locks, below windscreen wipers. Record the angle between magnetic north and the direction in which the north point of the compass points. Thus you record the magnetic alignment of these points at that time.

Then, locate two or three identical vehicles i.e. same model, type and year, perhaps to be found in a public car park or used car lot and do the same test to the same 40-50 places on those vehicles. These will be used as a reference vehicle. Compare the results. If the magnetic signature of the car associated with the UFO report is different from the reference cars (which should all be the same given they came from the same factory and haven't undergone anything else which may have changed their signature) then one might conclude that here is a physical fact - a car whose driver reports it has been close to an example of the UFO

phenomenon has had its magnetic signature changed. One could be tempted then to say that the UFO phenomenon seems to involve strong magnetic fields.

Within South Australia, we have only been able to test two cars so far, involved in close encounters type 2 - viz Riverland May 77 and Yatala Vale April 77. These cases are still under investigation as we are checking reference cars (4).

All we need now is for the test to be carried out on as many vehicles involved in "pacings", "stallings", and "stoppings" so that we can start to accumulate data.

Notes:

- (1) See ACOS Bulletin" No. 10, available for \$3 p.a. from P.O. Box 546, Gosford N.S.W. 2250.
- (2) If any further copies are required please contact UFO Research Inc. 2A Castle Ave., Prospect South Australia 5082.
- (3) For a detailed account of the subject see "Scientific Study of UFOs" - the Condon report pp 100-108 and 380-385.
- (4) For details see UFO Research Inc. Newsletter July-Aug 1977 pp3.

AUSTRALASIAN ENTITY REPORTS - A SUMMARY

by Keith Basterfield

A catalogue and eight supplements have now been published, containing a total of eighty six reported observations of unusual entities. To provide a quick reference to the collection the attached summary has been prepared.

The format gives the date and location of the report, plus the entity sub type (1), number of entities, their height (2), the type and number of object (3) and which publication a summary of the reported event is to be found in.

A breakdown of entity type reports shows a distribution of:-  
ERA - 60, ERB - 3, ERC - 20 and ERD - 3.

ERA DATE	LOCATION	ENTITY			OBJECT		CAT/SVP	
		ERA	TYPE	NO.OF ENT.	HEIGHT	TYPE		NO.
1868	Parramatta NSW	2	1		N	A04	1	0
1893	Central NSW	2	1		N	A01	1	0
23.07.09	Kelso NZ	2	1		n/r	A03	1	NZ
24.07.09	Clinton NZ			voices only		A03	1	NZ
30.07.09	Gore NZ	2	2		n/r	A03	1	NZ
03.08.09	Kaikora NZ	2	3		n/r	A03	1	NZ
08.09	Pt.Molyneux NZ	2	3		N	A03	1	NZ
07+09	Marlborough NZ	2	n/r		n/r	A03	1	NZ
01.10	Invercargill NZ	2	1		n/r	A03	1	68NZ
19	Rural NSW	2	1		n/r	n/r	n/r	8
44/45	Christchurch NZ	2	sev		N-	A01	1	NZ
48	Berriedale TAS	2	3		N-	A01	1	5
02.51	Central Australia	2	1		N-	A01	2	0
30.05.54	E.Malvern VIC	2	Sev.		n/r	A01	1	0
54	North QLD	2	ca12		N?	A01	6	8
55	Eucla SA	4	1		n/r	Fragments		7
10.57	Fiji	2	1		N?	n/r	1	0
12.03.59	Purnong SA	2	1		N	A01	1	0
26.06.59	Boimai PNG	2	sev		n/r	A01	1	0
27.06.59	Boimai PNG	2	sev		n/r	A01	1+	0
31.07.59	Blenheim NZ	2	2		n/r	A01	1	NZ
08.60	Belmont NSW	2	1		N-	A04	1	0
03.03.61	Bowna NSW	2	ca4		N	A04	1	0
28.10.62	Salisbury SA	2	2		N	A01	1	0
63/64	Tobart TAS	n/r	2		n/r	n/r	n/r	5
19.02.64	Gum Creek SA	2	1		N-	A04	1	0
29.02.64	Plympton SA	2	2		N+	A01	1	0

DATE	LOCATION	STATE	(13) ENTITY			OBJECT		CAT/SUP
			ERA	TYPE	NO. OF ENT.	HEIGHT	TYPE	
ca 65	Sydney	NSW	2	1	N?	A01	1	0
11.08.66	Rural	VIC	2	1	N	A01	1	1
24.08.67	Wodonga	VIC	2	2	N	A01	1	0
67/68	Clare	SA	2	1	N-	A01	1	4
28.12.68	Goulburn	NSW	2	1	N	A01	1	1
68/69	Walcha	NSW	2	1	N-	A04	1	0
14.01.69	Childers	QLD	2	3	N+	A01	1	0
17.02.69	Flinders Park	SA	2	1	N	A04	1	0
ca.05.69	Alberton	SA	n/r	1	n/r	Lits	1	1
69	Penrith	NSW	2	sev	n/r	A01	1	7
ca.70	Midlands	TAS	2	1	n/r	A01	1	5
71	Cairns	QLD	2	n/r	N?	A01	1	1
71	Adelaide Hills	SA	-	-	-	-	-	1
24.04.71	Greenacre	NSW	2	3	N+	A01	1	0
05.71	Waluka	NZ	2	3	n/r	A04	1	N
14.12.71	Waikerie	SA	4	1	N	A04	1	0
04.06.72	Bents Basin	NSW	2	1	N+	A04	1	0
19.07.72	Kuraby	QLD	2	ca6	N	A03	1	0
11.72	Campania	TAS	-	sev	-	A04	1	5
73	Springwood	NSW	n/r	n/r	n/r	A01	1	8
04.02.73	Kimba	SA	2	1	N	A04	1	0
06.09.73	Ivy Tanks	SA	2	2	N	A01	1	0
74	Launceston	TAS	n/r	n/r	n/r	n/r n/r		5
74	Canberra	ACT	n/r	n/r	n/r	Lits many		4
summer74	Grasstree Hill	TAS	-	1	-	A01	1	5
74	Nth.	QLD	2	1	N	A01	1	4
07.06.74	Goulburn	NSW	2	sev	N+	A02	1	0
ca.75	Coffs Harbour	NSW	n/r	4-6	n/r	n/r n/r		8
08.01.75	Brookby	NZ	n/r	3	n/r	A01	1	6&NZ
05.03.75	Deception Bay	QLD	2	1	N?	n/r	1	0
02.76	Hobart area	TAS	-	3-4	-	A01	1	5
31.05.76	Daw Park	SA	2	1	N	A03	1	3
02.08.76	10 mile Hill	TAS	2	1	N+	A04	1	1&5

ERB							Cat.
Date	Location	State	Sub type	No. of entity	Activity	Sup.	
03.02.64	Gum Creek	SA	2	1	N standing in garden	0	
12.67	Biloca	QLD	2	sev	N- On side of road	0	
18.12.68	Wairekei	NZ	2	1	N On side of road	NZ	
ERC							
02.41	Wearyan R.	NT	2	2	N Operated on leg	2	
51	E.PT.MACquarie	NSW	5	1	N floating off rd	7	
23.10.54	Berri	SA	4	1	n/r seen up tree	2	
pre 58	Cent.Australia		2	2	N- n/r	0	
03.04.68	Larrabeen lake	NSW	4	1	N walked out of lake	0	
68/69	Lowana	NSW	5	1	N walking along rd.		
22.02.69	Awarui	NZ	1	3	N sitting side road	NZ	
02.04.71	Greenhill	NSW	1	1	N- seen at window	0	
ca.71	Broome	WA	2	1	N roadside	0	
ca.05.72	Grafton	NSW	1	3	N walking in street	0	
15.09.72	Mt.Butler	NSW	5	1	N approach witness	0	
easter73	Highland Farm	TAS	5	1	n/r floated inside c'van	5	
ca.2/3.73	Grafton	NSW	5	1	N roadside	0	
04.08.73	Tallebudgerack	NSW	4	1	N seen in scrub	2	
03.75	Highland Farm	TAS	5	1	n/r gliding up steps	5	
easter75	Tallem Bend	SA	-	1	- face at window	8	
05.75	Goolma	NSW	3	1	N+ walking around	7	
07.75	Fiji		2	8	N- seen in reeds	7	
11.75	Poatina Hills	TAS	2	1	N+ running in bush	5	
10.76	Bateau Bay	NSW	4	1	N+ climbing cliff	2	

ERD

Date	Location	Sub type	No. of Ent	height	Activity	CAT SUP
54		NZ	5	1	-	NZ
67		WA	5	1-2	-	4
07.72	Frankston	VIC	2	1	N	3

## Notes:

For a description of terms used:-

- (1) See an article "An update on research into entity/UFO reports within Australasia" by K. Basterfield, available from UFO Research Inc.
- (2) See "An Australian Catalogue of close encounter type three reports" by Bill Chalker and Keith Basterfield, Sept. 76
- (3) See "A listing of Australasian close encounter, occupant and trace cases-- to October 1974" compiled by K. Basterfield, W. Chalker and M. Smyth, Dec 76.
- (4) O=Original Catalogue, 1-8 Supplements, NZ= New Zealand.

## AUSTRALASIAN ENTITY REPORTS.

Case Document Number 1, copyright by UFO Research Inc. (SA)

Plympton, South Australia, 29th February 1964.

This is the first in a series of documents aimed at providing the basic details of a report. The information contained herein is firstly accounts of the report as are available in the literature, followed by an account as determined from the most original source we have been able to locate.

It is hoped that other organisations will be encouraged to follow suit and publish reports from their files. Any queries on this series may be directed to Mr. K. Basterfield, 3 Park Lake Drive, Wynn Vale S.A. 5127.

## THE STORY AS IT APPEARS IN THE LITERATURE:

(1) "North Plympton, South Australia. He looked like a human being, but he had a red skin - two boys described one of the beings seen outside their spacecraft. June 1964." (Flying saucers where do they come from. R. Tambling pl33)

(2) "A circular craft was reported to have landed and its 'pilot' came out briefly at North Plympton in South Australia. This extraordinary event was witnessed by MR. D. Mathlin in February" ("Flying Saucers over Australia" J. Holledge p 90)

(3) " In the early spring of 1963, in the quite, respectable suburb of Plympton, situated some 3 miles from the centre of the city of Adelaide, South Australia, 2 small boys (aged 9 and 10 respectively) were wondering how to spend their saturday afternoon. The time was 2.30 p.m. Suddenly they heard a faint swirling noise in the sky above their heads, and looking up, they saw a glowing disc-shaped object slowly descending towards a nearby field. With a quick glance at each other that "said" adventure, they quitely sneaked towards the landing area, and hid behind an old, abandoned car. They were no more than 200 feet from the mysterious object.

According to their report, they hardly dared to breathe as they watched a door on the side of the great disc open noiselessly, Stooping to avoid the top of the door, an occupant of the craft stepped out on to the green grass. He was tall (later estimates put him around 7 ft.1, and was wearing a tight fitting, blue-black tunic, with a purple cape attached. On his head he wore a leather-like cap fastened under his chin, and his hands were covered by large, silver-studded gauntlets, from which sprouted a long tube that went around the back of his head, and finally up one nostril of his nose. His skin was copper red in colour-like a person with fresh sun-burn, and around his waist he wore a large belt, fitted in the front with a small

panel on which his fingers were playing continuously. The two lads were by this time so enthralled that they forgot to remain hidden, and the "visitor" saw them. With a quick movement, he turned and faced the craft, looking at one of the large windows or port-holes surrounding the upper part of the bell-shaped disc. He must have made some signal, because another identically dressed figure appeared for a brief second at the window, and then was gone. The craft began to make a small humming sound, and the outer rim began to glow. By this time, the first "visitor" had walked quickly back and stepped through the opened doorway. With a slight fluttering motion-like a leaf falling from a tree- the object lifted slightly, and then, tilting to an angle of around 10 degrees, arrowed into the sky at high speed.

The two boys ran home and blurted out the story to their parents who called the police. The Constabulary could find no fault in the boys' story and were convinced that they were telling the truth. To verify the incident; there were twenty other witnesses who saw the object as it sped away from the field.

(The Plympton Story - Colin McCarthy, FSR Vol. 16 No.4 p 32.)

THE STORY AS OBTAINED FROM A TAPED INTERVIEW ON 8 MARCH 1964.

At about ten past two on 29 Feb 64, David Mathlin (5th grade schoolboy) was going out of his front gate when he heard a sound which drew the attention to a paddock across the road from him. He relates seeing a saucer shaped object land in the middle of the paddock. A trapdoor opened and a 'person' got out. Another 'person' was visible inside the object.

David ran off to get a friend named Kim and when they arrived back at the spot David says the man ran back into the object. Kim however says he didn't see "the man" but he did a "flying saucer". They both agree that the object then took off.

David described the man as follows:

Height: About 5 to 8 feet.

Clothes: He had a blue cloak on, a black suit, black bathers, something like slacks on looked like a purple ... silver chains attached to his wrist...black type gloves .... a black hat ... sort of pointed then it was a bit flat at the bottom...black metal boots...shiny...a very thick belt...a blacky colour ... 2-3 inches square buckle.

Figure: He looked like a human being, he had a fairly big nose.... red skin.

ADDITIONAL DETAILS FROM A REPORT FORM SIGNED BY D. MATHLIN 8MARCH 64.

Time, 2.30 p.m. Duration, 3 minutes, Colour of object, silver grey. Apparent size of object, 25 feet long and 12-15 feet high. Position in sky when first seen, 100 yards up and then landed about 18 inches of (sic) ground. Last seen, going north. Witness, one Kim Jenson. Other remarks, ball on top seemed to spin.

(Editors' note: A Transcript of the taped interview with the witnesses is available from A.C.O.S.)

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As advised in our last issue of the ACOS BULLETIN, (June), we have received an anonymous article, setting out several reasons why the UFO phenomenon is not worthwhile studying. Although the views expressed in this article are NOT those of ACOS, we feel there are several good arguments in the article.

UFOs and the Human Factor.

?

U.F.O.s - Unidentified Flying Objects. Three mere letters of the English language. Yet, these 3 letters have been the direct cause for thousands of hours of research by as many people throughout the world. To some, UFO means the same as 'flying saucer' and relates to Little Green Men etc. To others, the phenomena pose a serious scientific problem. Why are people reporting their unusual experiences? People all around the world (it is assumed) report phenomena which, to them, are unidentified. The vast majority of reporters are genuine people who have indeed seen something which has puzzled them, and most are trying to find some form of rational explanation. Every conceivable theory to account for UFOs has been used as a basis for data-gathering. No theory has been proven correct to a majority of people. Each theory has its devoted believers, and its sceptics, but one theory which has not received much public attention is the one I propose here. I do not believe that there is anything extraterrestrial, ultraterrestrial or supernatural visiting this planet on the evidence to hand. To put it bluntly, I do not believe in flying saucers or little green men. Although my personal conviction is as stated above, I am prepared to look closely at any relevant new data on the subject which may shed further light on several aspects. Many sightings cannot be easily explained, but I believe that this is due to lack of important data regarding the witness. A little background information regarding my involvement may be useful here. I have done about 6 years of research into the study of UFO reports and have done quite a few interviews. I have also researched other aspects of the subject to assist in interpreting the reported phenomena.

I refer to the UFO phenomena in the plural, that is, not 'UFO phenomenon.' This is because I feel that there are many, many causative factors for reports, and not one lone cause, as 'phenomenon' implies. In the later years of my involvement, I realised that the more data obtained on sightings, the more sightings we were able to explain as either definite or probable known stimuli, such as aircraft, meteors and the like. Only a very few sightings survived this, and these were either too sketchy with lack of details for a proper analysis, or involved someone who reported a 'close encounter.'

During my years of research and interviewing witnesses, I found an interest in psychology developing, due to the unusual reactions sometimes displayed by certain witnesses. Generally, witnesses accepted the appropriate explanation for their individual report, especially when the phenomenon would re-appear at a later stage, as in Venus setting, but occasionally the witnesses did not WANT to accept the fact that their 'colourful Martian spacecraft' was really Canopus rising etc. Most people are totally ignorant of important factors such as Autokenesis, atmospheric scintillation etc., and cannot accept these explanations due to lack of knowledge. Many people wanted to think of their sighting as 'another flying saucer.'

Hoaxes also came into the scene, especially as far as photographs were concerned. Fortunately, after some experience with these 'items of proof', one learns, almost intuitively, to recognise what photograph looks suspiciously like a Frisbee, or a hubcap etc. Other photos such as miscellaneous lights do not have sufficient data to study. Most hoaxes of a deliberate 'fooling' nature are concocted by members of the teenage

generation for reasons which I shall allow the psychologists to evaluate.

After the 6 years of research, I decided to leave the UFO business. My personal conclusion for sightings made in Australia was that no evidence of anything unusual having happened here has been produced. It came to my attention almost immediately I became involved in the study, that most UFO sightings occurred at night. Generally, the more spectacular sightings originate from country areas. I believe that this is not because the LGMs like isolation, but rather that country people are more ignorant or less educated about stimuli for UFO reports, such as contrails, meteors, stars etc. Their city counterparts report aircraft and birds etc., due to different lighting conditions and many other factors.

The stimuli for 'landing areas', namely the occasional marking found in the middle of a paddock, seem to occur more frequently in the country than in the city areas. This is hardly surprising, due to the fact that farmers don't mow the weeds on the 100 acre paddocks every weekend, and also allow different creatures to run all over the property. However, more and more 'nests', as some of the markings are called, are finally being looked at by competent people, and many more are finally being explained as having been caused naturally. (e.g. 'fungus rings', dead animal markings, animal nests, etc.) One may assume that eventually all possible causes will be noted and very few, if any, markings will survive complete analysis. UFO buffs will disagree with me here, so all I can say is 'time will tell.'

Country people cannot be blamed for their lack of knowledge regarding unusual astronomical occurrences. City people are even more to blame.

For example, what has flashing red and white lights, and a constant green light, and flies through the sky toward a distant airfield in a major city? Obviously not an aircraft (one of OURS, I mean), because otherwise why would the people who saw such a thing report the lights as UFOs? This was taken from an actual report.

All of this information regarding the errors in perception was invaluable, even though I didn't earn a pretty silver space-ship from the data. It made me realise that the very fact that the events are reported at night was probably the most important singular cause of the whole business.

I have now formulated the following 12 points as to why I believe most important or unusual sightings are reported during the hours of darkness.

- 1). At night, very few landmarks, e.g. distant hills, trees, etc, can effectively be used to compare a reported object or light for accurate angular size determination, due to the lack of light.
- 2) Darkness makes determination of distance very difficult at a range greater than several hundred feet.
- 3) Darkness shrouds the finer details of the observed phenomenon from the observer. For example, clouds obscuring the bottom portion of a crescent moon, the jet attached to the bright nocturnal light, etc.
- 4) Autokenesis interferes in the case of a bright light source due to the lack of eye reference points and eyestrain.
- 5) The switchover of rod and cone cells in the eye at night causes 'night vision' to occur, whereby a faint light may be seen but accurate clarity is difficult to observe.
- 6) A fearful reaction, such as a scream, on the part of one of a number of observers of an unknown phenomenon may more easily cause a chain reaction of fear or mild to severe hysteria to develop among the other observers, and their observations then become flavoured with interfering emotional experiences. This reaction is easy to observe at night in an isolated area. It may have a stem from the human basic fear of the dark and the unknown.

7) Many night events occur to individuals in isolated areas of the country, usually in a car on a deserted road. A minor stimulus, such as a bright meteor, could easily produce a mild over-reaction, depending on the inclination of the individual. A calm, level-headed technician may think of a bright nocturnal light as something of interest, whereas a slightly neurotic housewife with family problems may become very upset and may even experience a "contact". This side of the article will not be studied in detail here as it is extremely complicated.

8) People who are both mentally and physically tired after a day of work, (not to mention those on alcohol or drugs) may be far more susceptible to misinterpretation of common phenomena than when they are fully awake and energetic. Having experienced the strange half-awake half-asleep sensation on a 15-hour trip interstate several years ago, I know what this is like. How else could I 'see' a black cloaked villainous-looking figure picking on a postbox, when it was really a bush in front of a bus-stop? The post-box came later in the scene, when it walked across the road in front of our car. Naturally, I knew that this had not occurred, but tiredness slowed all incoming data to such an extent that it was wrong by the time I analysed the situation.

9) Many people claim to have been woken up in the early hours of the morning by a 'voice', 'sound' or 'light', etc. They were generally in a state of tiredness due to lack of good sleep beforehand, but not all cases were attributable to this. The time of awakening is usually in the early hours of the morning, between 2 a.m. and 4 a.m. A state between deep sleep and the 'waking state' could easily account for this.

10) On the present information, the more 'important' close encounters have occurred to either young people near the age of adolescence, or, surprisingly, to women in their later years, notably over 50 years old. This data may be in error, due to lack of reports, but this may be a worthwhile path to follow in evaluating future reports. (It is also interesting to note that most people who claim to be "spiritual mediums" are also reasonably older people, generally single women of 50-70 years of age.) Hormonal effects on the brain may have an influence here, but further data is required.

11) Many 'car-chasing' events occur at night and many have been satisfactorily explained, at least as far as the researchers are concerned. After all, no-one likes to admit that the planet Venus was chasing their car. It is not a matter for shame, as stated before, but is an aspect which must be taken into consideration. I have yet to hear of anyone being chased by the sun, but apparently Venus is more interesting and much harder for the average person to identify.

12) Most people realise that more unusual things are seen at night, and with today's number of believers in LGMs visiting earth, it is surprising that more sightings are not received.

These are the main reasons behind my evaluations. Each reason has been formulated due to observations I have personally made with fellow researchers on witnesses reactions. It is hoped that the reader will not outrightly disregard this article due to a conflict with facts and his beliefs, although doubtless many "researchers" will. Serious, unbiased researchers, whilst investigating 'flaps', are also susceptible to the mild over-reactions mentioned earlier. I know this because of the reactions I have observed in both my fellow researchers and myself. Quite a few times in the past, something perfectly natural, such as the planet Venus (our old friend) rising, has caused several moments of baited breaths in the hope that there was something along the lines of a UFO. However, it has not taken long to analyse the sightings, and very few researchers I know have ever seen anything which has astounded them.

Various other subjects have been incorporated in the study of UFOs over the years, and many people automatically associate them with the subject. These include, to name a few, the Bermuda Triangle, Von Daniken's

Chariots, the legendary Atlantis and Lemuria, the Bruce Cathie grid systems, alleged sightings of UFOs by astronauts in earth orbit, alleged sightings of saucers on the moon by astronauts, allegations relating to the crash-landings of various saucers, notably the 3 craft which were supposed to have landed in Arizona, and the Allende Letters allegations, which were similar to the Men in Black scare of many years ago. Ghosts, ESP, and the occult have all sneaked in to the subject and very rarely does a student of Ufology know nothing about many of these other aspects.

Finally, some excellent books with better-researched data are beginning to show themselves on the market, with more facts and less theories regarding the notorious Bermuda Triangle and other allegedly weird areas and occurrences on the earth.

The subject opens up a whole universe of possible beliefs, and unfortunately most researchers have some bias one way or another. It is better to work unbiased without prompting answers of a specific nature from a witness than to put words in their mouths. The subject is also valuable to those interested in psychology.

All of the data presented here may be outdated in the future if it is proven that UFOs DO exist and DO represent some other form of intelligent life. Until that day, however, one can never be too critical in analysing a UFO report.

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NEWS FROM AROUND AUSTRALIA.

READERS' VIEWS:

From now on, we welcome any views any of our readers have regarding any aspect of Ufology, or any article we carry in the Bulletin, for publication. Please address your letters to ACOS, P.O. Box 546 Gosford N.S.W. 2250, Australia.

CHANGE OF ADDRESS:

UFO Research--(Far North Queensland) have changed their address to: 13 Carolyn Close Yorkeys Knob QLD. 4871. Please alter your records accordingly.

PUBLICATIONS FOR SALE:

UFO Research QLD, P.O. Box 111 North Quay QLD. 4000, have advised that they have limited copies of the following 3 publications available.

1) THE McDONALD PAPERS: A 70 page document containing 6 lectures given by McDonald to various scientific bodies in America. Lectures are entitled UFOs, Greatest Scientific Problem of our time, The International Scientific Aspect of the Problem of UFOs, Science, Technology and UFOs, UFOs an International Scientific Problem, Are UFOs Extraterrestrial Surveillance craft?, and What You won't read in the Condon report. \$3 plus postage.

2) THE NEW GUINEA REPORT: Gives details of 79 sightings made at Papua between August 1953 and November 1958, including the famous Father Gill sighting and occupant encounter at Boiani. Also includes a report on the movie film taken by Mr. T.P. Drury of the Dept. of Civil Aviation. Authored by Revd. Norman Crutwell. \$1 plus postage.

3) THE ATKINSON DAM REPORT. A full documented report on sightings of Unidentified Flying Objects at Atkinson's Dam from February 1971 to March 1972. \$3.50 plus postage.

Anyone who is interested in obtaining a copy of the above, please contact UFO Research QLD directly.

UFOCON THREE:

Preparations are now well under way for Australia's third annual UFO conference, UFOCON THREE, which will be held at the Chevron Paradise Hotel in Surfer's Paradise Queensland on November 12th, 13th and 14th. So far, 17 people are registered as participants with a further 4-5 to be verified. Ufocon three promises to be another successful conference, with a lot of new ideas and research and investigation techniques to be discussed. In the past two years, since UFOCON 1 was held in Terrigal NSW, Australian UFO research has rocketed from a practically backstage position, as far as world standards are concerned, to among the world's top 5. Since UFOCON 1, Australia has reached world leadership in co-operation among the groups, and we have also seen massive updating of investigation and research techniques, as well as a number of excellent papers and documents. For the first time this year, we will allow public observers to sit in on the three days, as silent observers.

Following is a list of papers so far confirmed to be presented:

1. Progress report on the Computer File.
2. An Overview of the CE2 Experience in Australia.
3. Notes on the apparent absence of contact, time lapse & abduction cases in Aust.
4. The use of Thermoluminescence in the measurement of radiation damage or heating effects caused by UFOs.
5. A study of Victorian Press Reports of 1954.
6. The Time Dimension.
7. On the Accuracy of beliefs.
8. Research into Entity Reports within Australasia.

There are a further 3 papers as yet to be confirmed, including one from overseas, on Imprint Patterns.

Items to be discussed will be:

1. Procedures to take in documentation & analysis of trace cases.
2. Documentation of historical cases.
3. Documentation of a UFO report.
4. The RAAF and UFOs.
5. Effects on Motor vehicles when UFOs are present.
6. Regressive hypnosis techniques and their reliability factor.
7. Latest development in evaluation of photographic cases involving UFOs.
8. Early identification of flaps.
9. How can we make more use of ACOS scientific consultants.
10. Updating of the Australian UFO report form.
11. Special Investigation groups.
12. Exchange of UFO information between the groups.

CLOSE ENCOUNTERS OF THE 3RD KIND.

The Columbia Pictures film entitled "Close Encounters of the third kind", is now finally due for release in Australia approximately Jan/Feb of next year. The film, which stars Richard Dreyfuss, who also starred in "Jaws", is directed by Steven Spielberg, also of "Jaws" fame. The film cost about 21 million dollars to make, and is expected to be an even greater success than "Jaws". The Australian Special Projects Co-Ordinator for Columbia Pictures will probably be attending UFOCON 3 to give us more details on the film and its contents and answer some of our questions as to how the film will benefit us by presenting to the public what UFOs are really all about. More details on the film will appear in the December issue of the ACOS Bulletin.

## UFO REPORTS FROM AROUND AUSTRALIA.

So far this year, we have, on file, the following reports per state:

NSW	- 2	CE1	- 1	CE2	-
S.A.	6	NL	- 2	CE1	- 2
TAS	18	NL	- 1	CE1	- 2
				CE2	- 4
				CE3	- 1
				DD	-
WA	11	NL	- 2	CE1	- 1
				CE2	-
				DD	- 3

NA 77001. 4th January 1977. 2130. CE1. UFO Research (NSW)

On wednesday night, the 4-1-77, a man aged 20 and his girlfriend were returning from holidays along the Bell Line road near Lithgow NSW, heading east towards Sydney. At 9.30 p.m., about 5 miles from Lithgow, they sighted a huge orange glow in the distance and first thought may have been a bushfire. After a few minutes, the glow appeared to be moving overhead and towards the passenger side of the car. It appeared to be a huge circular diffuse glow which was confined to its own parameters. Their vehicle had by now become enveloped in a large fog patch estimated to be at least 300 feet across, which remained with them until the glow had passed by. The glow was described as being orange-yellow in colour and more intense towards the centre. The night was dark with extensive cloud cover and the full moon was barely visible. The glow was then observed to recede into the distance. The entire event lasted 10 minutes.

NA 77026. 15th March 1977. 1845. CE1. UFO Research (NSW)

A woman, her husband and 15-year old daughter were watching T.V. in Gorokan on the Central Coast, when a brilliant light caught their attention. They stepped outside the house for a better view. The light, after remaining stationary for 3 minutes, began to move upwards in a S direction. The object, a disc-shape seemed to have blue lights attached at each end, the object itself being a golden glow.

NA 77027. Late May 1977. CE2. UFO Research (NSW)

A boy observed orange sphere with "windows" at very low altitude, possibly resting on ground on farm on outskirts of Orange NSW. Dog was barking and horse very agitated. The boy told his mother who then confirmed presence of object at low level and saw it was projected a long beam of light. Object moved over hill and last seen as glow in sky. Subsequent investigations found physical trace markings. This is a preliminary report only, samples are presently being analysed and we will advise further next issue.

SA 77005. 20th January 1977. N.L. UFO Research Inc. (SA)

A 28-year old man, awoke at Port Kenny S.A. at 0145 to go to the toilet. Upon stepping outside the house, he noted a bright flashing in the sky like lightning and the ground all around lit up. Upon looking up he saw a bright ball of light travelling along, and suddenly it took off in almost the opposite direction.

SA77061. 14th May 1977. 2200. N.L. UFO Research Inc (SA)

A 15-year old boy and a friend, saw 1 flashing light heading S at Mannum in S.A. A few seconds later, they saw 2 other lights, one from the E, the other from the W. They both moved in towards the centre, meeting up with the first light, and the 3 of them all headed S. The sighting lasted about 3 minutes.

SA 77065. 20th May 1977. 0600. CE1. UFO Research Inc (S.A.)

16-year old girl at Murbko was going to work, when she saw a light through some trees. She went to investigate as she thought it was a fire on the neighbours paddock. When she got to the fence, she saw, about 10 yards away, a big red glow. It was about 5-10 yards wide. Feeling slightly afraid, she reversed the car, and saw the glow rising until it was lost from sight.

TA 77036. 3rd February 1977. 2030. CE3. TUFOIC.

Children at youth camp going to washroom prior to bedtime. Hear noise, look up and see dome object with flashing lights. Windows seen on object which was also spinning. In centre window, a figure was seen. The object then moved away after 1-2 minutes. The figure was described as being thin, having a large collar and an arm to the right. Witnesses stated the figure moved its head and also changed position.

TA 77065. 30th May 1977. 1825. CE2. TUFOIC.

A man was driving home when he noticed blue flashes, then noticed that they were coming from an object crossing the sky. Arriving home, he calls out to his wife. They then watch the object move slowly away to the NW, eventually passing behind Mt. Communication. Blue flashes were also seen by a Nubeena resident, whilst the witnesses neighbour who was watching television at the time said his set suffered interference.

TA 77097. 25th June 1977. 0300. CE1. TUFOIC.

Two friends returning home in early hours of the morning from Casino, near home when they notice flashing lights above the car. Lights accompany car along road, then disappear in the distance. There was no visible object, only a circle of lights as if around something, the lights being curved. There seemed to be 6-8 lights, each separated by a small gap to the next light, and they seemed to be rotating around to the right and flashing yellow and pink-red.

WB 77007. 25th February 1977. 2000. CE1. UPIB.

A 57-year old woman reported an object moving from E to W, just like a plane coming in for a landing. The object was described as a row of lights rotating in red and green. The lights seemed to be the bottom of the object, rotating in constant motion. Approximately 25 people telephoned a radio talk-back show to report the same object. Airport radar reports that nothing was picked up on the radar screens.

WB 77010. 19th May 1977. 0930. D.D. UPIB.

On 19th May, a group of 7 workmen near Bunbury airport watching a few birds fighting, when they became aware of a silver disc or ball very high in the sky. They called their formen. At noon, the object disappeared. The following day, from a different location they again observed it. A journalist was with them at the time. He observed it through binoculars and described it as a spinning object, spinning on its axis and sometimes resembling two disc-shapes that merged into one.

There have also been a number of run-of-the-mill Nocturnal light reports, but owing to the lack of space, we have decided to delete their description.