human beings in intricate biological and genetic experiments. What many of these investigators fail to see is that this is exactly what the agencies of the UFO want us to believe, at this time. As long as we see only the illusion, only the illusion will continue to exist. The real nature of the UFO phenomenon will continue to elude us.

A massive control-system

The UFO phenomenon is the current manifestation of what, down through the ages, have been presented to us as angels and demons, fairies and leprechauns, the devil and the Virgin Mary. It is a control-system, designed and used by intelligent beings as far advanced beyond ourselves as we are beyond our family pets. If your pet parakeet watches you at your personal computer, busily typing away and pausing occasionally to look at the screen, would he know what you were doing? He'd have to be one hell of an intelligent bird to figure it out.

To finally figure out what makes the UFO tick might take a whole flock of intelligent birds, working for an intelligent bird agency with lots of intelligent bird money. There's very good evidence that all those intelligent birds are at it now, Kee-Kawing back and forth, and accomplishing absolutely nothing at all.

NOTES AND COMMENTS BY EDITOR, FSR

(1) For the published literature on the "Boomerang", see the following:-

Philip Imbrogno: "Boomerang" Over Three Counties: Part I. In FSR 30/3 (1985).

Philip Imbrogno, George Lesnick, Chris Clark: "Boomerang" Update: Part II. In FSR 30/3 (1985).

R. Perry Collins: More on the "Boomerang": "Large As Two Football Fields. In FSR 31/3 (1986).

Dr J. Allen Hynek, Philip Imbrogno, and Robert Pratt: Night Siege: The Hudson Valley UFO Sightings. (Ballantine Books, New York, 1987. Paperback, US\$6.95).

(2) For the geometric projections of the Adamski "scoutship" and of the craft photographed in Britain on February 15, 1954, by Stephen Darbishire, together with both photographs, see the following:-

(a) Orthographic Projections and Photos, on page 28 of

FSR 9/5 (September/October 1963).

(b) Ditto, reprinted in Desmond Leslie's Obituary for George Adamski. In FSR 11/4 (July/August 1965).

(c) Leonard G. Cramp's book, Space, Gravity and The Flying Saucer.

(3) So far as one can judge by the last two books on Billy Meier and his cosmic saga, it looks as though he has now lost his pictures of the delectable Miss Semjase from the Pleiades (only 410 light-years). For it seems he does claim that many of his best UFO pictures have been pilfered. (Alternatively, it could simply be that he has thought it wiser not to play that particular card any more.) Away back around 1976, when researchers in Germany and Switzerland sent me two entire sets of Billy's "superb colour photos of Pleiadian space-craft, "I took them at once to FSR's Photographic Consultant, Percy Hennel, who only lived a few miles from me. His comments on the Meier masterpieces were pithy and startling, but for some reason or other they do not seem to have got into FSR, which I deeply regret. Semjase's portrait (head and shoulders) appeared in each of the two sets. I thought at the time that she looked an attractive and very characteristic Central European "Alpine type" filly (brachycephalic) - with perhaps "a dash of the Slav" about her.

DR ROBERTO PINOTTI IN INDIA

As a guest speaker at the 39th Congress of the IAF (International Astronautical Federation) held at Bangalore, India, between October 8 and 15, 1988, the Italian sociologist and FSR Consultant Dr Roberto Pinotti (C.U.N.) delivered two important papers, the first being titled ETI, SETI, AND TODAY'S PUBLIC OPINION, and the other INDO-ARYAN TRADITIONS AND HISTORY OF ASTRONAUTICS.

Although this is now an old and well-worn theme, the evidence available in the Sanskrit literature is abundant and highly convincing, and it is right that any student of our subject should have some acquaintance with it. (The Editor of FSR has a knowledge of Sanskrit and can read it, and can certainly agree that this very ancient and very important body of literature definitely indicates the presence in our skies of craft that were not of human origin.)

That is not, of course, to say that the phenomena observed over the ancient land of Bhārat were of "EXTRATERRESTRIAL" origin. As FSR readers should by now all be aware, there are other and far more plausible explanations that can be adduced. And, incidentally, no people in our known past has had a better grasp of the cosmo-philosophical aspects of such matters than the Hindus.

There have been many dissertations and articles on the Indo-Aryan traditions and legends about mysterious aircraft, but Dr Pinotti's contribution is certainly the most compact and most complete that I have seen.

It may be of interest to note that the term regularly used in Sanskrit for the mystery craft (often described as "shining pearls") was VIMĀNA,¹ defined today in the Sanskrit-English dictionaries as "an aerial car or vehicle; a celestial chariot of the Gods".

In modern Hindī (the direct child of Sanskrit), in many of the other Sanskrit-derived Indian tongues, and also in Urdu, the word *Vimān* still survives, meaning "aeroplane", though Hindī and some of the other languages frequently also use the term Havāī jahāz,² literally "flying machine".

FOOTNOTES:

(1) विमान

(2) हवाई जहान

THE LINK PROVED BETWEEN ANIMAL MUTILATIONS AND HUMAN ABDUCTIONS. US GOVERNMENT'S KNOWLEDGE SHOWN. INCREDIBLE COLOUR PHOTOS.

AN ALIEN HARVEST

by LINDA MOULTON HOWE

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THE CIRCLES IN THE CORN: EXTENDED REPORT, 1985–1988

By Frederick C. Taylor, C.P.R. (Circles Phenomenon Research), FSR Consultant

In Vol. 34, No. 1, we gave a brief report, on the year 1988, by "Busty" Taylor who, as readers will know, is the C.P.R. member that usually pilots the helicopter when they sally forth on their "circle-hunting" expeditions. We now give below a more extensive account which we received from Mr Taylor at the end of last year. EDITOR

Over the past four years I have been searching for, and flying over, the "cornfield-circles" which have been appearing in Southern England, photographing and videoing a grand total of some 200 circles up to the date of writing this (December 13, 1988).

Some of my photographs have already been published in FSR and in other magazines around the world, but I have a great many more that have never been seen by anybody yet, apart from the other members of our C.P.R. team. A few more of them will be included in the book "CIRCULAR EVIDENCE", by C.P.R. members Colin Andrews and Pat Delgado, due to be published in London in July 1989.

Year 1985

The first circles that I ever found were the set of five at Clatford, near Andover, on August 4th, 1985. I spotted them from the air, and was immediately impressed by the beautiful sight, in a golden field of wheat, the spiral patterns glistening in the sunshine.

When I later went to inspect this set on foot, I found myself being photographed from the air by the crew of an Army helicopter hovering overhead. In that first circle I found a strange, "jelly-like" substance, which left me with stinging eyes and a bad headache. The reporter who was with me also suffered the same effects, plus one of the worst colds he has ever had in his life.

That "jelly-like" substance was subsequently removed by FSR Consultant Omar Fowler, and sent away to be analysed. We have the results of the analysis on file, and they were subsequently discussed at a meeting in Alresford at the end of 1985.

Year 1986

The first circle of the year 1986 brought a surprise with it. This was a circle with an outer ring. Then came the inner circle, which had a contra-rotating ring in it. (See Mystery Swirled Rings in England (1985), by Pat Delgado, in FSR 31/5.) It was at this initial circle of 1986 that I met Colin Andrews for the first time, and since then we have worked together closely on the phenomenon.

Later in 1986, while flying over Cheesefoot Head with Colin, I remarked "All we need is what we had last year and this year put together!" The very next day, I flew back over Cheesefoot Head, this time with Omar Fowler and his wife Deana, in order to photograph the Bowl. AND THERE IT WAS! — FIVE CIRCLES, PLUS ONE RING, ALL TOGETHER, ON THE TOP OF THE HILL. I immediately turned the aircraft towards them, but found myself in among a lot of model aircraft! This meant I had to get away from the site as rapidly as possible, for safety reasons, and the result was that I got only two photographs taken from the air on that occasion. Later that same evening I returned to the site with Colin Andrews and Pat

Delgado, and we were able to carry out our usual routine of measuring and noting the swirl patterns.

Year 1987

This year started early with another surprise -a circle found in a field of rape. At this circle I tried out a new method of photography, taking my pictures from the end of a long pole. This has proved to be very successful and has produced some startling results.

Incidentally, some of the photographs which I took in 1987 have *strange objects* on them. The negatives were sent away to be inspected and analyzed, but nobody seemed to know what the "strange objects" were, or how they had got into the photographs.

Year 1988

This was a very busy year, with some 100 circles found, three of which were very interesting indeed. Whereas, in all the previous circles, the bent and depressed corn-stems had stayed down until cut, the corn in these three circles came up again, leaving a chequered pattern that could only be seen from the air.

The BBC made a documentary film in that year, and the three circles in question were shown in it. The documentary outlined four theories about the causes of the circles:-

- 1. Made by wind vortices?
- 2. Caused by helicopters?
- 3. Caused by UFOs?
- 4. Hoax?

(Incidentally, we have now found a way for establishing in a very short space of time, whether a circle is genuine or is a hoax.)

Another "strange occurrence" in 1988 was that I discovered that some of my films appeared to have been copied. On collecting them from the shop where I had had them developed, I noticed that they were not in their protective plastic wallet, and that they had white tapes with punch holes in them. When I asked the shop assistant the reason for this, I was told that "they had not been satisfied with the results, and had reprinted the films"!

(I use a fully automated camera, which always produces perfect negatives. I also take lots of photographs of weddings, funerals, aircraft, etc. None of those have ever been copied!)

On another of my flights in 1988, I found 12 circles in the space of one square mile! This was however to be topped later, when 15 circles appeared in a field opposite Silbury Hill. (See photographs accompanying the article "DID AVEBURY UFO PRODUCE THE SILBURY HILL CORN CIRCLES?", by FSR Consultant George Wingfield, in FSR 33/4.)

The Twelve Circles in 1988

The circumstances of our finding the twelve circles

in an area of less than one square mile were as follows:-

It was Sunday, June 26, 1988, and I was, as usual, at Thruxton Airfield, waiting for the weather to improve — for it was raining the proverbial "cats and dogs". The forecast had said that it would improve by midafternoon, but mid-afternoon came and went, with no betterment.

However, at 5.00 p.m. the weather improved dramatically and very quickly, and soon we were off. The pilot (Rod Taylor) had informed me that he had spotted some circles in a grass field near Pewsey. His wife — who was also with us — confirmed. She had seen them too. The fourth member of our party was my son, Nigel.

We flew to the grass field in question, and I was able to establish that the marks there had merely been

made by agricultural machinery.

So we then proceeded northwards, and then eastwards, towards Marlborough. And I said, jokingly: "If we find any circles, I'll buy everyone a drink!" (Little did I realize how much it was going to cost me!)

As we approached the area where circles had been found in 1987, I spotted the first one. I directed Rod to fly towards it, while I got ready to take photographs. As we circled around, to come in again, I said to Rod's wife: "The drinks are on me". And, just as I was saying it, as I turned around to her, I noticed, looking over her shoulder, two more circles. We at once made for these, and, over the headsets, I directed our pilot Rod into the best position so that I could get my picture. Just at the critical moment, as I was taking it, my son hit me on the right shoulder, very hard. I turned, and asked him what was the matter, and he said: "Have you got a picture of the set of four yet?" And, on looking up, I beheld four more circles ahead of the two over which we had just flown. And then, precisely at that very moment, came a thump on my left shoulder and another thump on my left leg. I turned to see what it was that Rod and his wife were signalling now, only to find that the two of them were gazing out in different directions, and both telling me of more circles they had found!

So we had now found the twelve circles in less than one square mile. We finished our aerial photography, and flew back to Thruxton, from where I telephoned to Colin Andrews and reported our "finds". — "How many?" — he asked. I replied: "Start counting, and I'll tell you when to stop". Colin gave up after he had reached ten. So I had to finish it, and count two more.

I then spent the next two days trying to locate the twelve circles on the ground. But I only succeeded in doing this after I had got my aerial photographs back from the shop, and was able to check them for landmarks.

On the following Wednesday, Colin Andrews, Pat Delgado, and I — plus a TV camera crew — started to study and photograph the twelve circles at ground-level. The farmer, a Mr Partridge, said that he already knew of the existence of some of them, but not of all of them! He also said that one of his farm-hands had observed something strange. When we investigated this story, it turned out that what he had seen was "a mist which appeared and then disappeared very quickly". But no circles were found at the spot where this had occurred, so we can only assume that, whatever it was, it was something totally unrelated to the phenomenon of the circles.

The Record 15 Circles at Silbury

However, the record "score" of twelve was soon

overtaken, for, two weeks later, a set of five circles were found nearby, near Silbury Hill, rapidly followed by another set of five, and finally a third set of five two days later, giving us a total of fifteen circles all in one field opposite Silbury Hill and extending over an area approximately equal to a football pitch.

I must admit that at the outset I had considerable misgivings about the genuineness of these fifteen circles in such a small area. But, after checking them all thoroughly over the following week, we proved that

they were all genuine and not hoaxes.

Earlier in the year I had indeed remarked that "I wouldn't be surprised to see a large number of circles in one small area". And it had now come true.

As readers will know, we subsequently found a witness who had seen a bright orange light, with a "cone of light" underneath it, on the night before the first set of five circles at Silbury were found. (See full details in George Wingfield's article in FSR 33/4, published in December 1988.) The eyewitness, Miss Mary Freeman, had been driving down the Avebury Avenue towards the A4 Motorway when she observed the large orange light above the Silbury Hill area. At the same moment, she noticed that objects lying on the front recessed shelf of her *Renault Five* car shot out and landed on her lap. Her car seemed to be running smoothly enough, however. She reached the A4 as rapidly as possible in order to catch a view of the Silbury Hill area, but on arriving there she saw nothing.

Our investigation of this case is still continuing. On August 20, 1988, Gordon Creighton and his wife and Paul Whitehead came to see the circles, and, with Colin and myself and some visiting Canadian TV cameramen, we all spent a very enjoyable day inspecting circles at various sites. In the evening we and our guests watched some of the video material that our C.P.R. Group have compiled on the circles.

That, I think, rounds off the highlights of 1988. One interesting thing to be noted about 1988, however, is that most of the circles found that year were in the valley of the "Four White Horses" cut into the chalk in ancient times. Perhaps the recent reference to the Four Horsemen of the Apocalypse (FSR 33/3, pp. 4 and 5) will hold a new meaning for us all? Who knows?

NOTE BY EDITOR

We regret that this article is not illustrated. The batch of photographs sent to us by Mr Taylor, "vanished in the post", like so much else. — EDITOR

REFUTATION

On March 19, 1989, the London national newspaper Sunday Express carried a fine new piece of disinformation under the grand headline OZONE CRISIS IS BLAMED FOR THE MYSTERY RINGS and FSR Consultant Colin Andrews was quoted in the article as having stated:-

"We now believe the shifts in the Earth's electromagnetic conditions caused by the ozone layer may be

responsible."

It would be interesting, wouldn't it, to know what lay behind the publication of such an article, and who precisely was responsible for so remarkable an assertion.

It could, of course, simply be one more indication of the stupidity all too evident in certain sections of the British information media. Equally possibly, it might have been another clumsy attempt to make the members of the Circles Phenomenon Research Group look foolish.

(There are plenty of folk around who would relish that, and maybe it is not without significance that, whereas most FSR readers would never dream of taking the trouble to send us a press-clipping of any sort, quite a number of them did send me this one. And some of them sounded happy with this "ozone explanation".)

Whatever the truth of that may be, FLYING SAU-CER REVIEW is authorized to issue the following announcement:- "I CATEGORICALLY REFUTE THE STATE-MENT ATTRIBUTED TO ME IN THE SUNDAY EXPRESS ARTICLE OF MARCH 19, 1989, AND SUGGESTING THAT I HAD INDICATED A LINK BETWEEN MYSTERY CORNFIELD RINGS AND THE OZONE LAYER."

> Co-ordinator, C.P.R., 57 Salisbury Road, Andover, Hampshire SP10 2LL. March 20, 1989.

(SIGNED): COLIN C. ANDREWS,

GORDON CREIGHTON, EDITOR, FLYING SAUCER REVIEW

COMMENT ON THE "SWIRLED RINGS" FROM A U.S. PHYSICIST

Points West No. 158 3131 West Cochise Drive Phoenix, Arizona 85051 Tel. 602-997-1523/24hrs

12 August 1988

The Editor FSR Publications Ltd P.O. Box 12 Snodland, Kent ME6 5JZ England

Dear Mr. Creighton:

I wish to comment on the reports of mystery swirled rings. I believe the clue to understanding the phenomenon is in the behavior of the plants after they are flattened: they continue growing but in the horizontal plane. Their failure to resume normal upward growth suggests they were imprinted by a strong, horizontal gravitational field. Remember that the magnetic susceptibility of most organic materials is very low, so that alternative explanations based directly on magnetic effects are less credible.

I submit that the stalks of corn and wheat, and grass in events elsewhere, are simply oriented tangentially to the local gravity gradient vector during close approach of the UFO, i.e., each stalk points in the direction to which an unconstrained object would be accelerated by presence of the UFO. Just as iron filings sprinkled on a sheet of paper over a permanent magnet reveal the magnetic field in the plane of the paper, the plant stalks reveal the gravitational field pattern at the moment of flattening.

Consider the illustration. The swirl is defined by spiralling, geodesic lines along which a free particle would travel outward. The gravity vector, $\tilde{\mathbf{a}}$, is tangent everywhere to the swirl line and always points outward. It must decrease to zero at the swirl center, where it changes direction by 180° . For any circle of radius r within the swirl, the vectors $\tilde{\mathbf{a}}$ at opposite ends of a diameter have equal magnitude but are oppositely directed. They cancel mutually and produce a net gravitational force of zero on the UFO structure. It

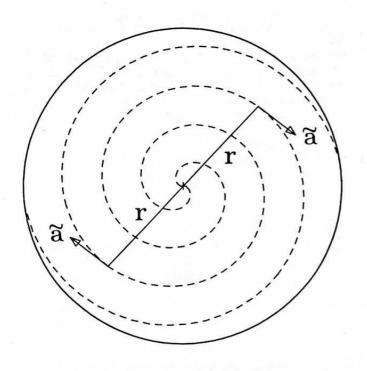
matters not whether the swirl is CW (clockwise) or CCW (counter-clockwise); over its domain, all the gravitational forces are in the horizontal plane and completely cancel out.

Recalling Delgado's 1986 Circle Summary, FSR 32/6, page 7, why do some swirls have both CW and CCW regions, or two CW regions? Perhaps there are technical limitations to the size of the area over which a single swirl can be produced. Notice from the illustration that the equal but oppositely directed forces cause a torque about the center, which must be counteracted somehow to keep the UFO from spinning. Adding a CCW swirl to the CW design introduces an opposing torque and reduces the magnitude of this problem.

Colin Andrews has observed that few ground circles are actually round — many are elliptical — and the swirl structure is more complex than appears here superficially: viz. FSR 32/6, page 13, sinusoidal pattern. My theory explains how a UFO can be levitated and doesn't provide for a net directed force on the UFO. But if the gravitational field can be manipulated to produce the basic, symmetrical swirl, then it must also be possible to modify this to yield a net force in arbitrary directions.

This ingenious scheme is not without a second problem. Returning to the idealized case, unsecured passengers or cargo in the periphery would experience an ever-accelerating Merry-Go-Round. Moreover, the "cookie cutter" precision of ground circles implies the swirl is collimated — it varies little with distance normal to the plane of the UFO. Thus, the peripheral field may be experienced underneath: "as the object went by, the trees over which it passed — Mormon poplars — did not just bend with the wind as if a plane had gone by, but spun around on top as if they were in a vacuum".1

Like the eye of a hurricane, the swirl center may act as a dead zone and cause reports of objects falling from the sky:² a UFO hovering over a lake may drag off aquatic animals as it flies away, only to drop them eventually. Similarly for reports of cattle dung lifted from paddocks, loose asphalt from tennis courts, and masses of earth pulled from the ground.³



All this is very grand but how could such an anomalous gravitational field be produced? To answer, I think we must apply Einstein's equations and look for solutions resembling swirled rings with offset centers. Lest that discourage us, Chaitin gives a very lucid discussion of these equations, as applied to similar problems, and solved on a personal computer.⁴ More swirl photographs and measurements will help. Physicists observe that "Nature abhors a discontinuity"; the abrupt change of gravitational field direction postulated for the edge of the swirl, where the gravity vector must point downward, is unsettling. A computer model may help us understand how such apparent discontinuities are possible.

 Olsen, Thomas M., The Reference for Outstanding UFO Sighting Reports (privately published, 1966), page 3-2.
See also Dr. Harder's survey in FSR 33/1, page 12.

 "The Complete Books of Charles Fort", Dover Publications, Inc. 180 Varick Street, New York, NY 10014, USA (1974)

3. APRO Bulletin 32, 10 (February 1985).

Chaitin, G. J., "A Computer Gallery of Mathematical Physics — A Course Outline", IBM Research, P.O. Box 218, Yorktown Heights, NY 10598, USA.

Sincerely, THOMAS M. OLSEN, M.S. (Physics, Univ. Wisconsin 1955) APL Programmer/Analyst at Karsten Mfg. Corp.

STOP PRESS: A FEW RECENT STORIES

A superficial glance at the batches of UFO reports provided by the American and British newsclipping services suffices to indicate the continuing prevalence of our "phenomenon" — whatever its nature may be.

The general futility and "pointlessness" of most of

the press coverage is likewise very evident.

One region of Britain which seems to have experienced a rather special amount of "UFO activity" throughout 1988 and the first quarter of 1989 was the Thames Estuary and the south-eastern part of the county of Essex, around Southend and Canvey Island. As invariably happens, the local buffs were reported as viewing all this with great satisfaction, as indicating the "special" nature of their home patch as a "UFO window or entry-point"! Some estimates of the total number of sighting reports in the Thames Estuary region in the past fifteen months or so put it as high as three-hundred or more.

The London national newspapers of March 22-26 of 1989 carried reports of the alarming experiences of passengers aboard a *McDonnell Douglas 83* aircraft of the British Island Airways Company who, when passing over Sardinia on their return flight from Malta to Gatwick Airport, saw "multi-coloured bright lights flash past their windows" and heard their pilot telling them that it "was a UFO". Minutes later, the passengers were thrown into complete panic when the aircraft dropped abruptly in two "jolts". Many passengers struck their heads violently against the cabin ceiling and claimed that they must have fallen "thousands of feet".

While the captain, in subsequent interviews with press and radio reporters, seems to have stuck to his view that it was a "UFO", it happened that Mr Peter Viller, the Chairman of the British Island Airways, was himself aboard this inaugural flight, along with various executives and journalists. Not surprisingly,

Mr Viller said the UFO theory was nonsense, adding that, in any case, the coloured lights "were anything from 500 to 3,000 miles away". The official explanation given later by the British Ministry of Defence was that the affair was almost certainly caused by the *Aurora Borealis*, or "Northern Lights", seen prominently around that date. And who is to say that this explanation was incorrect?

However, the aircraft's sudden and alarming loss of altitude does not appear to have been explained by anybody. In view of the famous Coyne case in the U.S.A., one is naturally left wondering. And, more recently, on June 2, the London papers reported that a Quantas Boeing 747 flying from Sydney to Singapore at 30,000 ft. has just experienced a similar "500 m.p.h. roller-coaster ride", in which the passengers were catapulated violently around. The Boeing had been on automatic pilot, when inexplicably (remember Coyne?) it climbed 1,500 ft., at an angle of 45°. The 305 passengers, who had just been told they could unfasten their safey belts, were sent crashing into the sides and roof of the cabin as the aircraft plunged thousands of feet. Many holes were punched in the ceiling by heads, and when the pilot managed to recover control and make an emergency landing at Darwin, 46 passengers were taken to hospital.

During the last week in March several British newspapers and the LBC broadcasting station gave considerable coverage to reports from the U.S.A. that the crew of the latest shuttle, *Discovery Orbiter*, had seen a UFO while on their mission, and had sent a message to Control Centre at Houston: "This is 'Discovery'. We still have the alien spacecraft under observation". N.A.S.A. naturally lost no time in denying the story as ridiculous. But, as the London *Daily Star* commented in their editorial (March 30): "But then they