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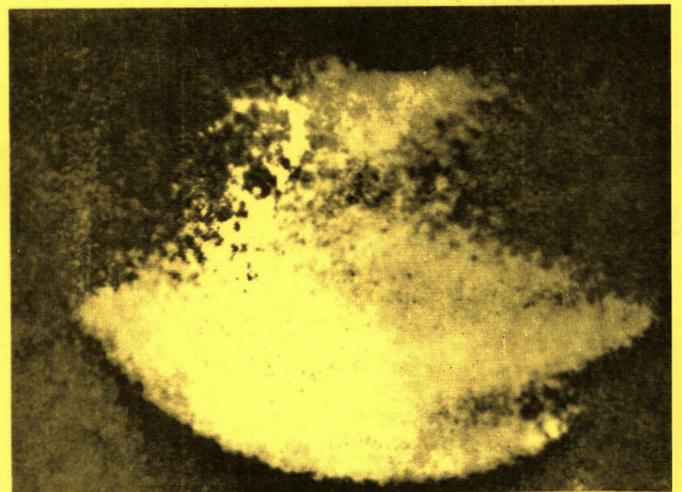
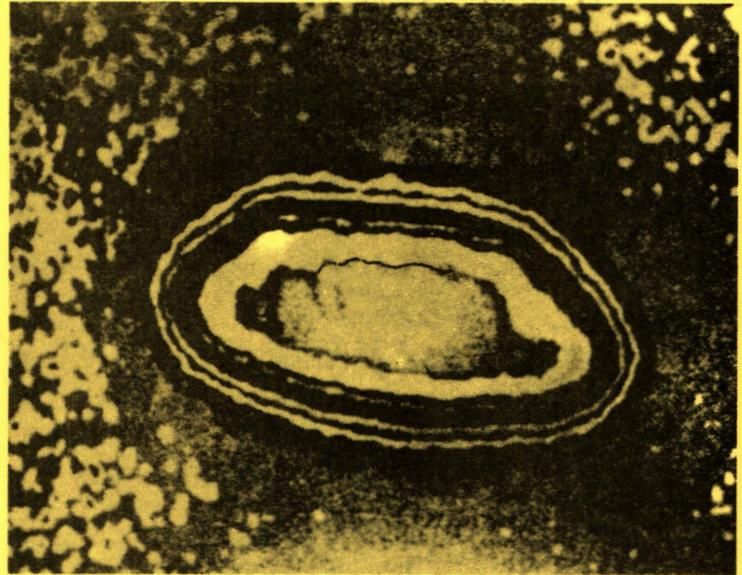
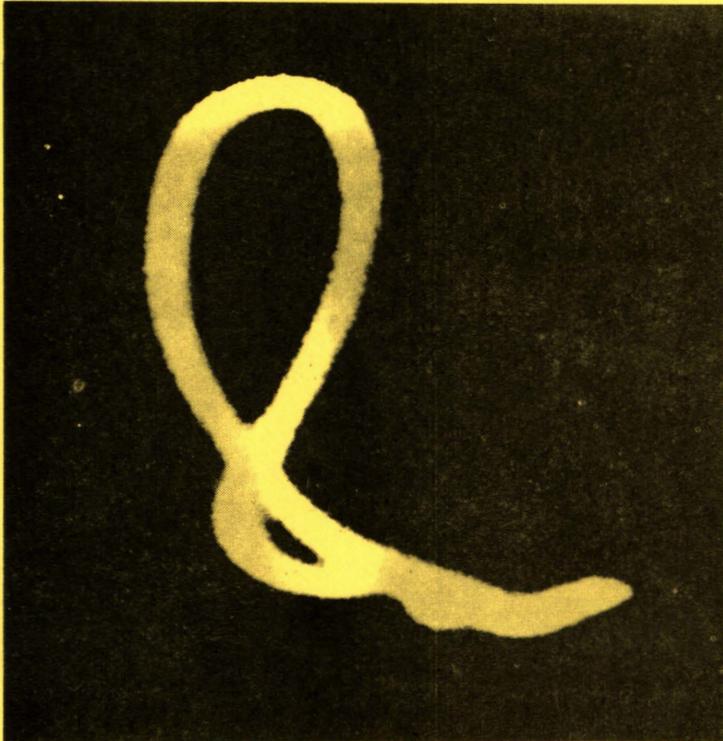
Official Journal of the Maryland Center for Investigation of Unconventional Phenomena, Inc.

VOLUME II NUMBER II

FEBRUARY-MARCH 1979

A NONPROFIT EDUCATIONAL AND SCIENTIFIC CORPORATION

NEW ZEALAND UFO FILM DECLARED AUTHENTIC BY RESPECTED SCIENTISTS SEE PAGE 2



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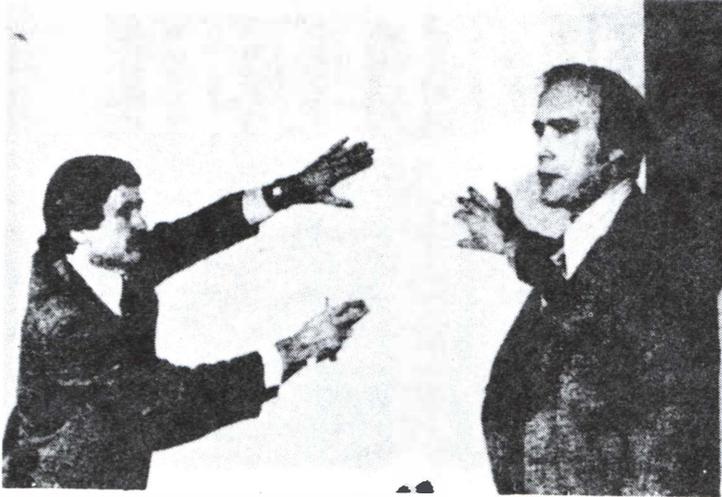
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NEW ZEALAND UFO FILM DECLARED AUTHENTIC

EDITOR'S NOTE; Few UFO events of recent years have stirred as much publicity and controversy as the sightings and films made on New Year's Eve over the Cook Strait in New Zealand.



Melbourne, Australia reporter Quentin Fogarty (left) and Dr. Bruce Maccabee (right) indicate the flight path of the UFO on a map of New Zealand during a press conference in New York. (U.P.I. Photo)

Bernard Lovell but were millions of miles off base in their knowledge of radar range as they suggested the UFOs were planets.

We personally find delightful the explanation, straight out of Lewis Carroll, by a Clarence River farmwife that the UFOs were reflection of the leaves in her cabbage patch. She has a quarter acre of huge cabbages that shine in the moonlight, she explained.

A Norwegian aerospace expert named Erik Tawbery got into the act declaring that what was seen and photographed was simply both lightning. Farmer John Acklan from the near the Clarence River heartily disagreed that ball lightning could flatten large patches of his crop of peas in circular patterns several meters across. Other skeptics argued that the depressions were helicopters hunting deer, but they failed to explain how or why the helicopters would be hunting deer over the Cook Strait.

Reseachers from a U.S. Government laboratory offered an equally ludicrous explanation of supersonic swarms of insects by reviving the theory of light being generated by swarms of insects flying through an electric field. They retested their claim of swarms of Spruce Budworm Moths 100 kilometers long by 25 kilometers wide.

The official explanation of the Royal New Zealand Air Force is an equal classic. Their reports blamed the sightings on Japanese squid boats. Again no explanation was given on how squid boats could move 18,000 miles per hour or what they were doing at 10,000 feet in the sky.

Melbourne Channel O must be credited with the most sensible approach of all by bringing in veteran UFO investigator Dr. Bruce Maccabee to conduct an on the scene-indepth investigation.

As with any significant sighting, this event brought out the sceptics, snarling academics and assorted nuts with more than a few ridiculous explanations.

A New Zealand ornithologist suggested that the UFOs were merely Mutton birds flying inland for mating. If accurate, this theory would make all the record books for sexual impatience as the objects were clocked at 18,000 miles per hour.

The highly respected British astronomer Sir Bernard Lovell got into the act by stating that the UFOs, which maneuvered and hovered were "meteorites which failed to burn up on entering the earth's atmosphere."

Astronomers in Australia and New Zealand were thousands of miles closer than Sir

COVER PHOTOS OF NEW ZEALAND FILM

The photos on this month's cover are all individual frames from the New Zealand movie film. The photo on the left is one single frame showing the movement of the image during one twentieth of a second that the movie camera shutter was open. All of the movement may not have necessarily been of the UFO's path as some can be attributed to camera motion because the photographer was shooting through the windows in the cockpit of the argosy using a 240 mm telephoto lens and hand holding the camera braced against his shoulder because a tripod would not fit in the crowded cockpit. In any event, it does show the speed with which the UFO was moving.

The photo on the top right is a computer enhancement used on one frame to cut through the high intensity of the light and show what was inside it. The darker object inside the center appears to be the true image of the UFO, apparently a domed disc. The bands of various shapes around the image indicate different temperature intensities revealed by the particular enhancement program used.

The bottom right photo shows the UFO as seen by the witnesses and photographed. This single frame shows what the witnesses described as a disc with a dome on top. No other structural details were seen or revealed by the film, which is still under investigation. (*Photos via United Press International*)

NEW YORK TIMES
SCIENCE SECTION
MARCH 27, 1979

Science

Report on U.F.O.'s

Several leading investigators of unidentified flying objects reported yesterday that last December's sightings of U.F.O.'s over New Zealand provided the strongest example to date of an episode that could not be explained by conventional means. The investigators examined film made during airplane flights and interviewed radar operators and persons who said they had seen the objects.

Most of the observations were of a light that seemed to move in erratic ways, in some cases at a time when ground-based or aircraft radar also detected unidentified targets.

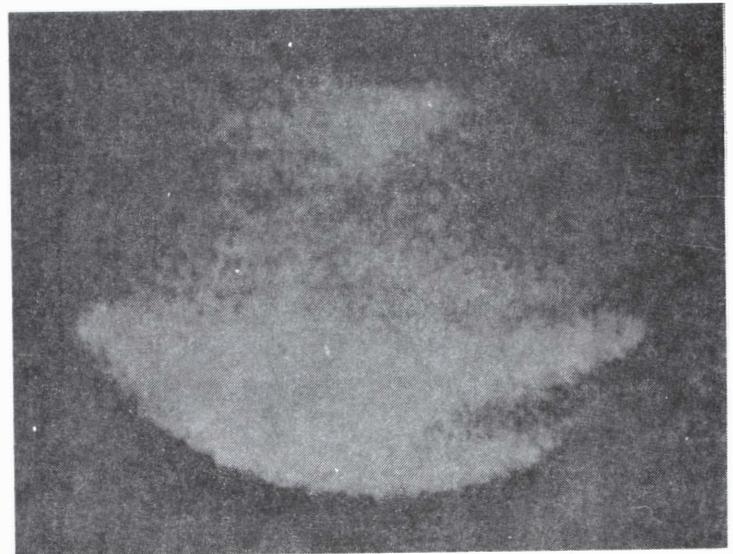
The assessment was reported at a news conference in the Essex House presided over by Jack Acuff, president of the National Investigations Committee on Aerial Phenomena. Dr. Bruce S. Maccabee, a civilian specialist in optics for the Navy and a committee investigator, told of interviewing witnesses.

Dr. J. Allen Hynek, who heads the Center for U.F.O. Studies in Illinois and was formerly adviser to the Air Force on such sightings, said some 19 scientists had examined the evidence, and none were able to come up with conventional explanations.

A film of the object was made by a crew led by a Melbourne, Australia, television reporter who was vacationing in New Zealand. In some respects it

resembled a bright planet whose image is continuously distorted and colored by atmospheric effects. Dr. Maccabee, however, said Venus had been below the horizon at the time and Jupiter in a different part of the sky.

The first sighting was by an airline pilot Dec. 21, when air-traffic controllers were recording unidentified radar targets. On Dec. 30 the television crew described similar observations on flights from Wellington to Christchurch and back, during which they made their film.



A single frame of the movie with contrast reduced for detail

(Continued on page 4)

Dr. Bruce Maccabee is an optical physicist working on sophisticated laser and optical application for the U.S. Navy at the Naval Surface Weapons System laboratory in White Oak, Maryland.

Dr. Maccabee has been a UFO researcher and consultant for 12 years and is a member of the scientific board of the Center for UFO Studies. He was responsible for the Freedom of Information Act request to the FBI that resulted in the release of hundreds of UFO related reports from the FBI archives which were incorporated in a series of major articles written by Dr. Maccabee.

Dr. Maccabee spent 10 days in New Zealand investigating the sightings and a week in Australia interviewing witnesses and analyzing the film.

Upon returning to the United States, Dr. Maccabee presented his findings to Dr. Hynek and other distinguished scientists. All agreed that the film represented authentic movie images of objects that could not be explained in terms of conventional phenomena.

Joining Drs. Hynek and Maccabee in the conclusion were Dr. Peter Sturrock, a plasma physicist, Dr. Richard Haines, an optical physiologist, Dr. Gilbert Levin, a biophysicist, and Neil Davis, an electronics specialist.

A total of more than 20 top scientists examined the film and the reports of Dr. Maccabee's investigation and concurred in the conclusions. The names of many of the scientists cannot be released because they work in sensitive positions for the government and government contractors, but it is evident to MARCEN that a more qualified panel would be hard to find.

Dr. Maccabee stated that the film that was shot when the plane was 10 to 40 miles northeast of Christchurch shows a light that has various shapes including nearby round, sort of triangular, and "bell shaped." The bell-shaped image, obtained with a 240 mm lens, has a bright bottom and a dimmer top just as described by the witnesses.

Many of the images are over-exposed, suggesting a very bright yellowish-white light. An estimate of the source, if it has been 10 nautical miles away from the plane shows that it could have been as powerful as several hundred thousand candlepower. For comparison, a onehundred thousand watt incandescent light bulb radiating in all directions would have about 200,000 candlepower.

Dr. Maccabee also stated that the sizes of the image on the film suggest a source which, if 10 nautical miles away, was about one hundred feet wide and 60 feet high.

THE SEQUENCE OF EVENTS

DECEMBER 21, 3:28 a.m.: Argosy captain, Vern Powell, encounters an unidentified flying object on the climb out of Blenheim Airport at the top of New Zealand's South Island. He had been directed to the spot by air traffic controllers at Wellington Airport, just across Cook Strait, the waterway separating New Zealand's two main islands.

The radar men had been picking up a number of unidentified targets on their radar screens, including one particular object which they had tracked for 60 miles. The object, estimated to be as large as a commercial airliner, had then remained stationary until Captain Powell arrived on the scene.

Then, to everyone's amazement, it tracked his aircraft down the coast for 12 miles.

DECEMBER 26, late afternoon: Channel O reporter, Quentin Fogarty, holidaying in New Zealand, receives a call from his Melbourne office and is asked to do a story on Vern Powell's experiences.

He makes all the arrangements and manages to get seats for himself and a television film crew on board an Argosy aircraft for the purpose of reconstructing Powell's flight.

DECEMBER 30, 10:15 p.m.: Fogarty and camera crew, husband and wife team David and Ngairie Crockett, take off from Blenheim Airport on a flight to Wellington. The crew of the Argosy is Captain Bill Startup and co-pilot Bob Guard.

After picking up a load of Sunday newspapers at Wellington for delivery in the South Island, they take off for Christchurch.

Just after midnight, the crew notices a number of bright lights above the township of Kaikoura, on the north-east coast of the South Island. They contact Wellington Radar who confirm they've been picking up unidentified targets in that area.

THE ENCOUNTER HAD BEGUN.

Over the next 50 minutes or so, until the aircraft landed at Christchurch, those on board were treated to a spectacular and at times frightening UFO display. Some of the activity was also captured on film but because of the objects' apparent ability to appear and disappear at will, filming was very difficult.

There were times when Wellington Radar confirmed a number of unidentified targets on the tail of the aircraft. Reporter Fogarty, who did a taped commentary throughout the flight, perhaps best summed up the feelings of everyone on board, when he said: "Let's hope they're friendly."

Just before the aircraft landed, Captain Startup invited the television crew back on the return leg.

DECEMBER 31, 2:15 a.m.: The Argosy takes off for Blenheim. It was only a couple of minutes out of Christchurch when a bright object was observed outside the starboard window.

The object was also picked up on the aircraft radar. At first it was within the 20 mile range. Later it came as close as 10 miles. This time the object didn't disappear or fade, and David was having a lot more success with his filming. He described it as having a brightly lit base with a sort of transparent dome.

Fogarty, who was continuing his taped commentary, said at the time that it sounded suspiciously like a "flying saucer."

About 35 miles out of Christchurch, with the object still outside the window, Captain Startup decided to turn towards it. He put the aircraft into a 90 degree turn. The object kept its relative distance from the plane until Startup decided he had better get back on course. As he turned, the object moved to the front of the aircraft, to the left, and then sped away beneath the right-hand side and disappeared.

From this point until landing at Blenheim, those on board continued to see bright, pulsating lights. Many were confirmed by ground radar.

10:05 p.m.: Fogarty, with the film firmly clutched in his hand, takes off from Christchurch for Melbourne.

News of the morning's incredible events were already making headlines around the world. He arrives back in Melbourne as the New Year is dawning. Then begins the major task of getting the story together for distribution around the world.

THE NEW ZEALAND RADAR-VISUAL-PHOTOGRAPHIC SIGHTINGS

DR. BRUCE S. MACCABEE

(copyright, B.S. Maccabee, 1979)

This article recounts the overall history of the UFO sightings that occurred during southward and then northward flights of an Argosy freighter aircraft during the early morning hours of December 31, 1978. As indicated by the maps, the plane was flying along the east coast of the South Island of New Zealand. Also indicated on the maps are forty discrete events which occurred during the trip. Some of these will be referred to in this article.

The information presented here is based upon extensive interviews with the witnesses and upon research into the radar and photographic aspects of this case. It is also based upon information contained on the Wellington Air Traffic Control Tower recording tape, information contained on the tape that was made in the airplane during the flight, and upon information contained within immediate newspaper and television releases.

The history of this case can be divided into two parts which I call the "trip south" and the "trip north," since the UFO incidents are somewhat different. During the trip south the witnesses on the aircraft reported unusual lights which would appear and disappear apparently at random in the general area along the coastline between the Clarence River and the Kaikoura Peninsula. During the trip north the witnesses reported a very bright, steady light that would have been about 35 to 45 nautical miles (65-84 km) northeast of Christchurch, New Zealand. They also reported bright lights that appeared to be just west of Cap Campbell and over the land near Blenheim, New Zealand. During both the south and north trips, when the airplane was within the range of the Wellington radar (i.e. within 150 nautical miles - 280 km - of Wellington), Wellington told the airplane about radar targets in its vicinity. Occasionally very unusual visual objects were seen in the specific directions referred to by Wellington. Analyses of the characteristics of the Wellington radar and of the weather conditions during the sighting have ruled out anomalous propagation effects as causes for the radar sightings. According to the radar technicians there were also no problems with the radar equipment. Christchurch radar did report one anomalous target to the pilot and copilot, but the Air Traffic Controller at Christchurch was apparently not very impressed with what he saw. When interviewed nearly six weeks after the sighting he would neither confirm nor deny that he saw a target. The Christchurch recording tape was erased according to a standard thirty day rule for re-use of the tape, even though the pilot had asked for it to be saved so that he could make a copy.

Analyses of the witness reports, the recorded information, the photographic data, and of the weather data have ruled out the following published explanations for the visual and photographic sightings: Venus (not above the horizon until the end of the north flight); Jupiter (not bright enough, wrong direction); mating mutton birds (not sources of light, not fast enough); meteors (duration too long to be meteors); balloons (none known in the area, not bright sources of light, not fast enough); stars (not bright enough); other aircraft (none in the area); ground lights (not bright enough, wrong directions in central cases, identified by crew); secret military maneuvers (ruled out by the Royal New Zealand Air Force officer in charge of the official investigation); squid fishing boats (too far away, wrong directions, identified by crew); reflections of internal lights in the aircraft window (no bright lights in cabin of aircraft - all had been dimmed by the captain); glowing bugs (not fast or bright enough); and hoax (most of the witnesses did not know each other before December 30, 1978).

BACKGROUND

This radar-visual-photographic case really begins during the early morning hours of December 21, 1978, when the crews of two Argosy freighter aircraft spotted bright lights in the vicinity of the mouth of the Clarence River during the time that the Wellington Air Traffic Control Center (WATC) was reporting targets. One of the aircraft was paced by a UFO according to WATC. At another time that same aircraft picked up a high speed target on its own radar and the crew saw a rapidly moving flashing light in the direction indicated by the airplane radar. The radar-visual sightings took place over a period of about four hours starting about midnight. They made front page headlines in New Zealand and Australia on the following day and they created a considerable renewed interest on the part of the news media in the UFO phenomenon.

During the week following Christmas, a Melbourne, Australia, TV station, Channel O, decided to create two five minute news programs on the December 21 sightings. On December 26, the channel called Quentin Fogarty, a senior reporter who was vacationing in New Zealand, and asked him to interview the Air Traffic Controllers and one of the pilots who had been involved. He therefore made the necessary arrangements for the interviews and also was fortunate to be able to arrange a trip on a similar early morning aircraft flight. Through his acquaintances in New Zealand, Fogarty was able to contact a film crew consisting of free-lance photographer David Crockett, and sound recordist Ngaire Crockett, David's wife. The Crocketts were unknown to Fogarty before he met them to do the interviews on December 30. After interviewing the controllers and the pilot, Fogarty and the Crocketts went aboard the Argosy freighter aircraft which would fly along a track that would be nearly identical to the one taken by the December 21 flights. The flight crew consisted of Captain William Startup and First Officer Robert Guard. Startup and Guard knew each other, but they were complete strangers to Fogarty and the Crocketts. After the camera equipment was loaded aboard the aircraft the plane departed for Wellington at about 9:30 p.m. to pick up newspapers for delivery at Christchurch. Fogarty's plan was to get some film footage of background scenery (pictures inside the plane, landing lights, etc.) for use in the news stories and to then get off at Christchurch where he would join a friend, Dennis Grant, and continue his vacation. As a result of "certain anomalous incidents" on the flight south, his plans changed considerably.

THE FLIGHT SOUTH

(Note: map numbers are referred to as follows: S1, S2...N7, etc. All distances are in nautical miles. One nautical mile (nm) equals 1.852 km. Times are New Zealand Daylight Savings time.)

The Argosy, a four engine turboprop aircraft, left Wellington with a full load of newspapers and five people aboard at about 11:46 p.m. December 30. By midnight it was flying south over the Cook Strait. In the loading bay beneath the flight deck Fogarty and the Crocketts were preparing to film a "stand-up" (a sound-film sequence showing Fogarty describing the initial part of the journey) for use in the news stories. Fogarty recorded statements to the effect that the plane was flying along the route taken by the aircraft during the previous UFO sighting and that it was a clear night with lots of stars visible. Fogarty state "...naturally we'll be looking out for anything unusual." About the time that the film crew was finishing the "stand-up," the plane was at position 2 on Map S (S2). (The maps are based upon the flight path of the aircraft, the flight speeds of the aircraft, and upon a series of maps of radar target sightings. The series of maps of radar targets was drawn from memory by the Air Traffic Controller, Geoffrey Causer, at my request. On maps S and N the airplane flew along the dashed line and the anomalous radar targets that were reported to the airplane are illustrated as filled circles. The aircraft cruising altitutte for the flight south was 14,000 feet (4270 m)

(Continued on Page 8)

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and for the flight north it was 13,000 ft. (3960 m). The cruising speed was 215 knots air speed or 3.58 miles/min. (6.6. km/min.)).

At position S2 the pilot and copilot first noticed unusual lights that were appearing and disappearing in the direction of the Kaikoura peninsula. They watched these lights for a minute or two and then called WATC to ask if there was anything on radar. Geoffrey Causer, the controller, reported to the plane that he had seen radar targets in the direction of the Kaikoura peninsula at a distance of about 13 miles from the plane (position S3). Captain Startup then called to Fogarty and the Crocketts and soon afterward all five people on the plane were watching the strange lights. After several minutes Fogarty decided that the lights should be filmed and that he should record some of his impressions. Crockett tried to film several of the lights with his Bolex electric EBM camera and 100 mm zoom lens (Fujicolor 8425, ASA 400, 16 mm color film). However, in most cases the lights would disappear before he had a chance to focus on them. He did film several of them, however, for very short periods of time. Fogarty recorded that he had seen "6 or 7 or even more bright lights over Kaikoura" and that "a number of these have been picked up by Wellington radar."

As the plane flew south WATC repeatedly referred to targets in the vicinity of the plane (S4, S5, S6, S7, S8). At S9 the plane went around in a circle to see if there was something beside or behind it, but nothing was seen even though WATC reported a target just to the left of the airplane. However, soon after the plane came out of the orbit and headed south again, WATC reported a target ahead of the plane 3 miles away and the plane responded "Thank you. We pick it up. It's got a flashing light." (S10)

For a period of time the plane had a target at its right hand side. First a target was reported behind the plane and stationary as the plane moved along (S12, S13). Then a radar target was detected several miles to the right of the plane (S14), and finally, for a period of time that was greater than 36 second, a target apparently flew along with the plane at such a close distance (within a mile or two) that the Wellington radar could not distinguish between the plane target and the unusual target. The radar targets of the plane and the unknown had joined (S15). Shortly thereafter the airplane passengers observed a flashing light to the right of the aircraft. Fogarty described it as follows: "It looks like a very faint star but then it emits a very bright white and green light." A few minutes later WATC reported that there were targets behind the aircraft (S17 and S18) and the plane made another turn (S19) but again nothing was seen.

Before the plane landed at Christchurch the crew were told by the Christchurch Air Traffic Controller (CATC) that a radar target was pacing them at their right hand side. The copilot reported seeing a flashing light to the right of the aircraft. The radar target reportedly proceeded inland as the plane landed. The controller would neither confirm nor deny this report when interviewed about five weeks later.

After the plane landed the newspapers were unloaded. During this time the crew went into the control tower and discussed the events of the flight with the controller and each other. Fogarty called Dennis Grant and said that he was going to fly back to Blenheim with the plane in an attempt to get better film of the unusual lights. Grant went to the airport to take some more film to Fogarty, and then learned that Ngaire Crockett did not want to fly back through the area of the UFOs. He therefore asked Fogarty if he could take Ngaire's place, and Fogarty said he could. Grant was midly excited about the prospects of seeing something unusual, but he really wasn't expecting to see "real UFOs" or "flying saucers."

THE TRIP NORTH

The plane left Christchurch on a northeast heading at 2:16 a.m. Before they left, WATC informed the passengers that there were still targets off the Clarence River area, so they expected to see something. However, they were not expecting to see anything near

Christchurch, so they were quite surprised to see a very bright light almost directly ahead of them as they climbed through a low, dense cloud layer over Christchurch. The bright object was first seen when they were about 2 3/4 minutes out of Christchurch (map N-22). The captain immediately turned on his radar in the "mapping mode" and Crockett prepared to film the object. About three minutes later (N-23) the radar warmed up and an object was detected in the same direction as the bright object. The distance was about 18-20 miles. As the plane flew along the line of sight to the object drifted around slowly to the right, and the radar target also drifted around to the right and the radar distance decreased. About four minutes after it was first detected on radar it went off radar at an angle of about 50° to the right of straight ahead, which is the maximum angle that the radar can detect objects. Its distance when it went off radar was about 10 miles according to the captain. The copilot thought it was about 12 miles away (however, he couldn't see the radar screen as well as the captain since the screen is on the left side of the cockpit near the captain, and the copilot sits on the right side). The copilot reported the target to WATC when the plane was at the position N-24.

Causer did not have the WATC radar on its maximum range at the time so he could see neither the plane nor the object. Shortly afterward he did pick up the plane but not the object. ATC did not detect the object, which suggests that the altitude of the object was lower than about 2500 feet (1070 m). (CATC has a radar beam that cannot detect objects below altitudes of about 100 feet for each nautical mile of distance away from the airport.) An estimated reconstruction of the path of the object is illustrated on map N. Although the details of the path of the object may be incorrect, it does appear that the object moved along with the aircraft for a period of time, and the passengers had the distinct impression that it was pacing them. The object was described as being very bright and of noticeable angular size.

Startup compared the object with a featureless full moon, and Guard described it as a "squashed orange." Grant described it as looking like a ping-pong ball that is illuminated by a bright spotlight and silhouetted against a black background. Crockett filmed the object for a total of about 5 1/2 minutes at 10 frames/second using his 100mm, f/1.9 lens at full zoom (at 100 mm focal length) while the plane travelled from position N-22 to N-25. The film has many frames which show non-circular bright images. Shapes of the images obtained with the 100 mm lens range from oval to triangular to nearly circular. Most of the images are smeared, presumably by camera motion since Crockett had to hold the camera on his shoulders (his tripod would not fit in the cockpit). Estimates of the image exposure coupled with approximate radar distances yield a characteristic size of the source in the range 50-100 feet with a luminous intensity of several hundred thousand candlepower. This luminous intensity exceeds that of all sources known to be in the area except the squid fishing boat lights. However, the squid fleet was too far away and was identified by the crew (the squid fleet was reported to be about 75 miles-140 km-east of Christchurch). The altitude of the bright source was estimated to be at least several thousand feet because when it was first seen it appeared to be higher than the cloud cover, which extended up to about 2500 feet.

When the plane reached its cruising altitude of 13,000 feet the pilot decided to turn toward the object which, at that time, was apparently between 70° and 90° to the right of straight ahead. The pilot didn't think he was going to have to turn as far as 90° to head toward the object, but after he completed that much of a turn it still wasn't directly ahead. It appeared that the object moved slightly to the right as the plane turned. The pilot stopped turning and flew along a southeast heading for a period of time that the crew and passengers thought exceeded several minutes but was not longer than four or five minutes. Actually, from the reconstruction based on the WATC tape, they must have flown on the southeast heading for less than two minutes before the captain turned onto a northeast heading and then flew back to the original flight path, approximately as illustrated on map N. The sighting line to the object again moved to the right as the plane flew southeast and went into the left turn. The captain was surprised to see the object, which had been on the right side of the aircraft, suddenly appear in front and to the left of the aircraft as he turned left. After the left turn

the airplane apparently flew over the object, and it was not seen again. (Note: the tracks of the airplane and the object are subject to revision if new information should become available.)

Before the object disappeared the witnesses were definitely looking downwards at it. When the plane turned toward the object it was not picked up on the airplane radar, suggesting that it was below the "mapping mode" radar beam. Crockett obtained some of his best footage, and a lot of defocused images, during this period and/or during the turn left through a 240 mm f/4 lens that he had brought with him but had not used to this point. The most interesting images are those which show a "bell shaped" source with a very bright bottom and a less bright top. The brightness given by Crockett as he saw it through his 100 mm lens: "it appears to have a brightly lit bottom and a sort of transparent sphere on top." The object was so bright that no structure was visible to the naked eye. Fogarty recorded "It's extremely bright. it's very hard with the naked eye to pick up any details..." Crockett was able to make out details through the viewfinder on the camera since the optical system of the camera passed only a small portion of the light to the viewfinder.

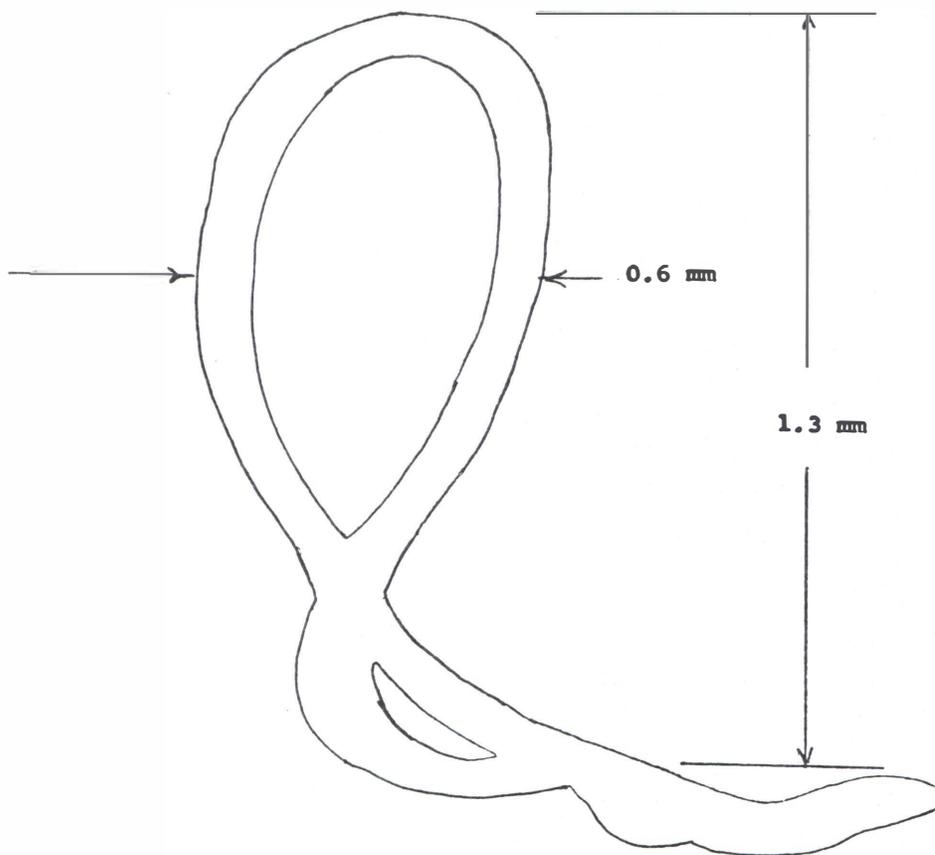


FIGURE : A single frame showing relative motion of the camera and object that was obtained while filming near Christchurch between points N23 and N24 on Map N. The period of time represented by a single frame is 0.044 sec. The dimensions shown above are the actual dimensions on the 16 mm film. The object was on radar at the time this frame was shot and its distance was probably 15 to 20 miles. The whole image is very bright suggesting that the object was extremely bright. The widths of horizontal and vertical sections of the above image suggest that the object was oval shaped with a width of about 90 ft. (28 m) and a height of about 60 ft (18 m) if it was 15 miles (27.8 km) away. If it were 20 miles away the dimensions would be about 120 ft. by 80 ft.

After the plane reestablished communication with WATC at N-28, Causer reported various radar targets to the plane (N-28, N-29, N-30, N-31, and N-32). Although the captain remembers picking up some targets on his own radar that appeared to agree with the WATC targets, no lights were seen. Fogarty recorded "I, for one, am hoping that we've got another one right in front of us...very bright...seems to be a long way off..." At apparently the same time WATC reported a target ahead of the aircraft about twenty miles away (N-33). The plane described a "good visual display" that looked like a "collection of lights." Fogarty described at first two flashing lights and then apparently other lights. One of the first lights to appear was "extremely bright" and then it faded and dropped and began "rolling and turning" in a sort of elliptical (not circular) motion with the long axis of the ellipse in the vertical direction. Fogarty also recorded "You can see orange and red among the lights." Crockett, apparently at this time, filmed a light which oscillated in brightness from very bright white to dim red and orange. The oscillations were regular, with about 31 cycles recorded during a period of about 279 seconds. When the light was bright white no internal structure was visible... the film was overexposed. When the light was dim red and orange, or occasionally just red, structure was visible. Several times the image consisted of an orange "dot" over a red area as if the orange dot were the apex of a triangular shaped object. Several of the images that were streaked by motion consist of parallel orange and red lines. In this case the bright source was reported to move rapidly, and Crockett may have picked up this motion on the film. (However, it is difficult to separate true motion of the object from camera vibration.) There was no known light source in the area which could have produced color changes and color structures such as those recorded on the film.

During the rest of the trip from position N-33 to N-40 WATC reported radar targets and the passengers reported bright lights to their left. Some of the radar targets may have been coincident with the bright lights. For example, one of the bright lights described by Fogarty disappeared visually and apparently at the same time a radar target in the same general direction as the light went off the radar scope. When the plane was at N-38 the crew detected lights which appeared to be fishing boat lights (faint cabin lights) on the surface and WATC picked up one target in the Strait. At N-39 the plane turned around in a circle to lose altitude in preparation for landing at Blenheim. Just before the turn the passengers saw lights over the land in the direction of, and apparently above Blenheim. It was about this time that Guard pointed out Venus which was just rising to the east of the aircraft. Shortly afterward, at about 3:10 a.m., the plane landed at Blenheim.

THE AFTERMATH

Fogarty interviewed Startup later in the morning and then flew to Australia with the film. It was developed and several short news stories about the sighting were created. The news stories included film footage and some of the statements that Fogarty had recorded. However, the statements were not necessarily in chronological order and the film segments did not always agree with the verbal descriptions. One particular version was shown on various TV stations throughout the world, and one particular (defocused) image was published in newspapers during the following week in January. Despite the great interest shown by the news media in the UFO story, Channel O of Melbourne was rather severely criticized for presenting the UFO report as a real occurrence and not just another "silly season" joke. Noted scientists throughout the world offered armchair explanations which the newsmedia gobbled up like bears at a honey tree. Mr. D. B. Mabin of the Tekapo Observatory in New Zealand was quoted in the Christchurch Star as saying "There is a 99 per cent chance that what they're seeing is Venus." Mr. Mabin made this statement on January 1 before seeing any of the film. After seeing the portion of the film that was shown on TV (large defocused images) he decided that it showed Jupiter, not Venus. Of course, he had not talked to any of the witnesses. Several other New Zealand astronomers were quoted as saying the film showed an out-of-focus star, some "natural phenomenon," or an Air Force experiment. Sir Bernard Lovell, a leading British astronomer suggested that the film showed partially burned meteorites. An amateur British astronomer suggested a reflection from a balloon or from an unscheduled aircraft. One newspaper science correspondent suggested swarms of moths that were glowing because of

electrostatic discharge or perhaps light reflected from birds. The nearly universal suggestion for the radar sightings was that unusual atmospheric conditions had caused the anomalous targets on the radar scope. At least seventeen experts (?) were widely quoted in New Zealand and Australian newspapers. Several of these were cautious in their approach to the UFO sightings, but most of them offered armchair explanations with no reservation. None of these experts (?) had talked to any of the witnesses and none of them had seen the whole film. However, because of the supposed credibility of these experts (?), it became apparent within several days that the credibility of the Channel O news was suffering. After all, who could believe a news service that employed a "crazy" reporter who couldn't distinguish between Venus, or mating mutton birds, or a fishing fleet and a "flying saucer"?

In order to regain credibility Channel O publically announced that it was going to investigate its own UFO case to find out what really was seen. A Melbourne reporter, John Pinckney, recommended that Channel O ask NICAP (National Investigations Committee on Aerial Phenomena, based in Maryland in the U.S.A.) to carry out the investigation, so Leonard Lee, one of the Channel O producers, took the film to NICAP. Because of my experience in analyzing UFO photographs, I was asked by NICAP to view the film. I therefore saw the whole film about a week after it was taken and I realized that the UFO case was worthy of a careful investigation.

HYPOTHESIS (It might be . . .)	ACCEPTED (It is . . .)	REJECTED (It is not . . .)	REASON
For the Visual-Photographic Sightings:			
Venus		-X	-Not Visible; Wrong Direction
Other Planets		-X	-Not Bright Enough; Wrong Direction
Star		-X	-Too Dim; Wrong Directions Identified by Crew
Meteors		-X	-Too Long in View; Wrong Directions
Balloons		-X	-None Known in Area; Too Bright; Move Too Slowly
Other Aircraft		-X	-No Other Aircraft
Ground Lights		-X	-Too Dim; Wrong Directions; Identified by Crew
Secret Military Maneuvers		-X	-None Known to RNZAF
Fishing Boats (Squid Fleet)		-X	-Too Far Away; Wrong Directions; Move Too Slowly
Hoax		-X	-Many Witnesses Unknow to Each Other Before Sightings; Government Radar Involved
Window Reflections		-X	-Many Observers and Different Windows; No Internal Lights Bright Enough
For the Radar Detections by Wellington:			
Radar "Angels"		-X	-Inversion Too High and Insufficient; Little Turbulence
Malfunction		-X	-Radar Needed No More Than the Normal Maintenance
For the Radar Detection by the Plane:			
Radar "Angels"		-X	-See Above
Malfunction		-X	-"Angels" Don't Explain Dynamics of the Targets

The initial investigation was completed in March and the results were announced publicly on March 26. The initial investigation consisted of personal interviews in New Zealand and Australia with all the witnesses, the initial evaluation of the film, and the initial evaluation of the radar targets. Sources of information besides the memories of the witnesses were the continuous tape recording made at the WATC, the tape made by Fogarty on the plane and, of course, the film. Mr. Causer made a series of maps illustrating the positions of the radar targets with respect to the plane, and these maps form the basis for maps N and S. After the information had been collected I arranged it into a narrative form and discussed the case with several experts in the fields of photography and radar. By March 26 about twenty scientists had reviewed the case. Not one was able to explain the various significant events, such as the period of time when the WATC radar showed a target "flying in formation" with the Argosy aircraft, or the period of time that the airplane had a radar target in the same direction as a bright light (and the light was photographed), or the period of time that Crockett filmed a bright object that was oscillated in color and brightness.

The conclusion of the initial investigation is that the objects seen by the passengers and crew on December 31, 1978 are unidentified. Further investigation is necessary to determine the characteristics of these objects.

(Maps on Pages 14 and 15)

COVER PHOTO REENHANCED

Some members have told us they had difficulty visualizing the image of the UFO we described emerging from the enhancement of a frame of a Georgia movie shown on the cover of Volume II, Number I.

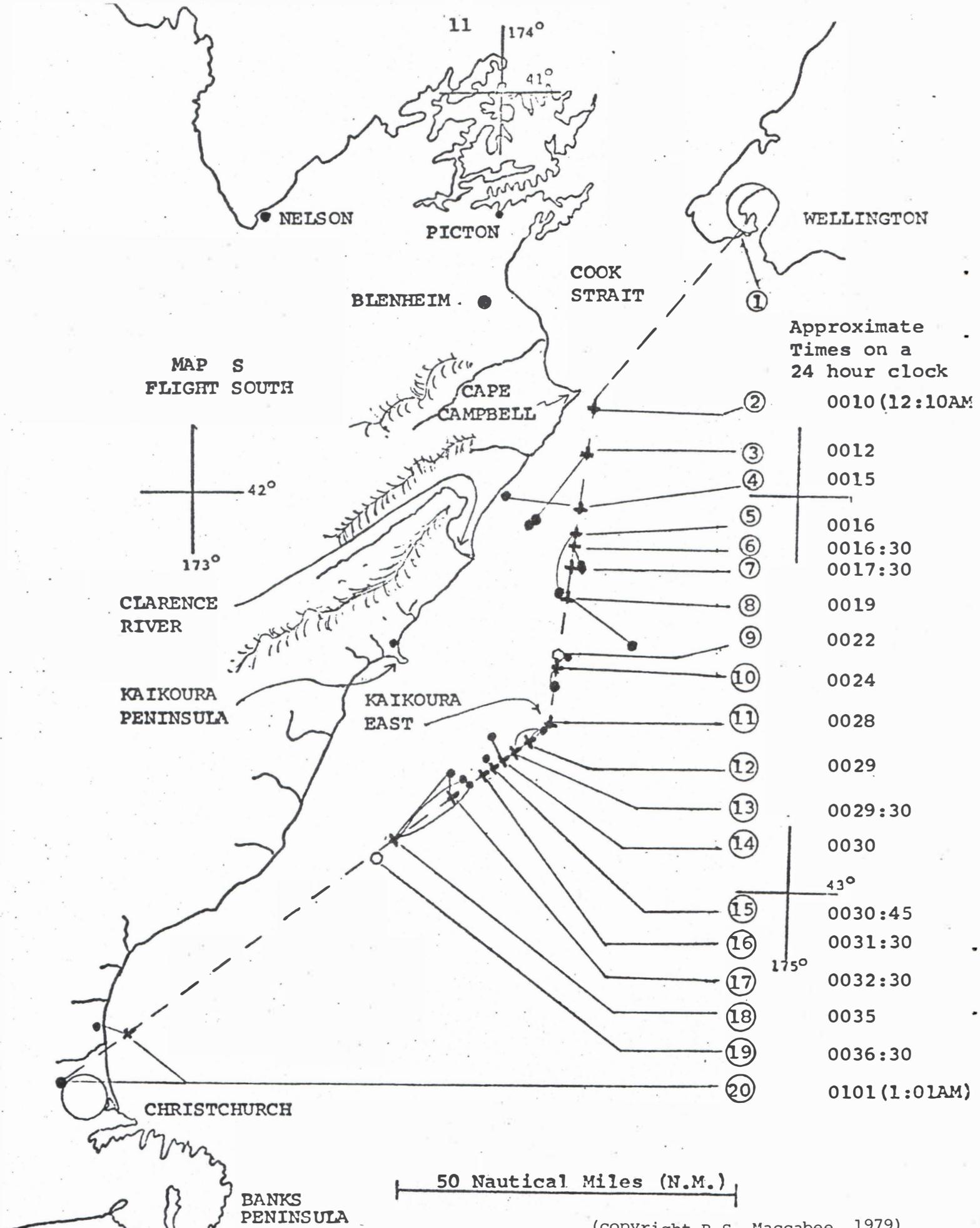
Most of the problem was due to the printing technique utilized on the cover so we have subjected the frame to some further enhancement that erodes a bit of the superfluous edge grain allowing a clearer image and are reproducing it here as a halftone for maximum detail.

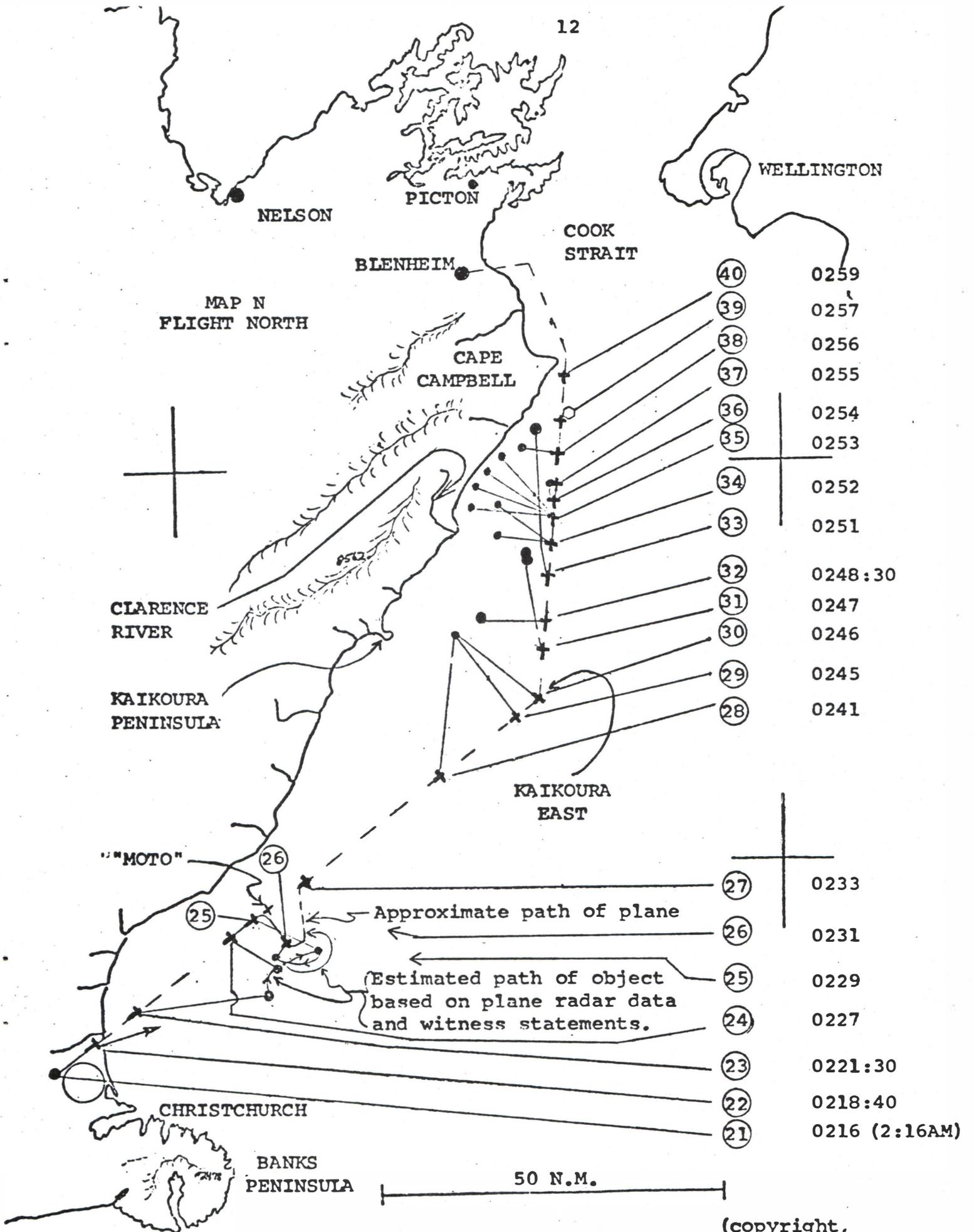
It appears that after cutting through all of the light halation, we begin to see a cigar or football shaped object with what appears to be a cockpit or cabin with a window or windscreen.

This is a 2800 times enlargement so no detail can be very finely rendered.

The most significant point is that we are developing techniques in analyzing UFO photographs that we have developed over the past 20 years, but due to their complexity and time consumption, we wish to apply them only in cases where there is a high probability of the photographic images being authentic. We have grown a little tired of spending hours in the dark to discover a string supporting a UFO or the top of a flying disk revealing the word "BUICK."







MARCEN EDITORIAL

Yes, Virginia, there is still a MARCEN JOURNAL even though we are still several months behind on publication and have combined some issues to try and get closer to schedule.

This is not a unique phenomenon for organizations such as MARCEN, i.e. the November issue of the International UFO Reporter of the Center for UFO Studies just received, but it is not one we are proud of. With some expected summer help due to arrive soon, we hope to get back on schedule within a couple of issues and the plans are to publish special issues to bring the yearly total up to 12.

All sustaining memberships will be continued until receipt of 12 magazines, if there are further publication delays.

Have the delaying factors that retarded publication been justified? We believe so at MARCEN. The computer network for filing, retrieval and analysis of data has to be one of the finest non-government, operations ever put together. This has been both very time consuming and expensive. It is only with the indulgence and generosity of a number of large computer owners that we have been able to accomplish this. Only now are we beginning to take full advantage of the system and we have not explored all of its capabilities yet. We are attempting to acquire a microprocessor to use at headquarters for maintaining more mundane day to day matters such as membership and library facilities.

The processing of memberships has backed up over the past few months as we were delayed with applications and our membership certificate supplier could not produce rapidly enough for us. We expect to have everyone processed within a couple of weeks unless a new wave comes flooding in--which is a distinct possibility.

Also consuming much effort are requests for the director to give speeches and talks before various groups around the country and the fact that the assistant director is leaving soon for some ancient history studies in Israel to be followed by an expedition to Kenya to search for the mysterious primitive humanoids known as Xs.

Quite a number of organizations have called or written to MARCEN wanting more than just cooperation, many have expressed a desire to become directly affiliated with us and feed data into our data bank. Since some of the groups were ones wanting to disaffiliate from other organizations, MARCEN was at first reluctant but the governors have decided that groups coming to MARCEN of their own free will can not be construed as raiding or unethical by other organizations, so we will welcome them as long as the relationship is productive to both groups.

Perhaps it will benefit the field of ufology and Fortean study as a whole if other parent organizations realize that if they don't produce effective results for their affiliates, there is somewhere else for them to go. It should also serve as notice to us that members are not just satisfied to be lulled into complacency.

MARCEN does not intend to go looking for other groups or to attempt to lure anyone away from any other organization. In fact we are debating cutting off the size of the membership at some point and then trying to more effectively utilize present members.

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INTERNATIONAL COOPERATION GROWS

MARCEN's appeal for cooperation in resolving the UFO phenomenon has been widely received as we now have cooperation agreements with more than 50 organizations worldwide to exchange information and publications.

As we hear from more groups, it has become more evident to MARCEN's board of governors that MARCEN's function can best be that of a clearinghouse and analytical body instead of getting out and competing with any other organization for cases to investigate and headlines to grab.

It has become apparent to MARCEN that many organizations, both large and small, have not effectively utilized the data collected by their members and affiliates and in many cases have put the information collected under wraps so tightly that virtually only a few top echelon members of the parent organization can ever see the data or utilize it.

This is not the case with MARCEN and will not ever be. Data we collect is available for anyone with a justifiable need to utilize it. The MARCEN library and files are available to anyone researching a pertinent subject. We now have facilities for making inhouse photo copies and, with the addition of the computer terminal have a wealth of data at our fingertips.

This does not mean that MARCEN will discontinue any field investigation. On the contrary, we intend to engage in more as the MARCEN FORTEAN EVENT FIELD INVESTIGATIONS MANUALS have been printed and are being mailed to all participating members at this time.

What it does mean is that MARCEN does not have to become engaged in squabbling with or alienating anyone to obtain data. As long as we continue sharing with our friends and affiliates, data will continue flowing to us and we have a duty to ensure that it flows back also.

MARCEN SUPPORTS OPERATION LURE

Operation Lure first came to public attention with the publication of Major Donald Keyhoe's last book: "Aliens From Space".

Operation Lure is the brainchild of MARCEN member-Professor Robert Spencer Carr. Carr is the retired chairman of the department of Mass Communications at the University of South Florida and for many years during World War II was the director of educational research for Walt Disney Studios. His function there was to develop training and instructional films to be used in areas where English was not understood and large segments of the people were illiterate. He became an expert at non-verbal communication.

After years of researching UFOs he wants to put his communicating skills to use in attracting UFOs to a site in New Mexico

(Continued on next page)

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Professor Carr proposes to take a site on government land and prepare a demilitarized safe landing zone for UFOs and then try to attract them with arrays of lights and other signals. Once they land, he proposes to give the occupants virtually anything they want to a point in exchange for their technology and knowledge.

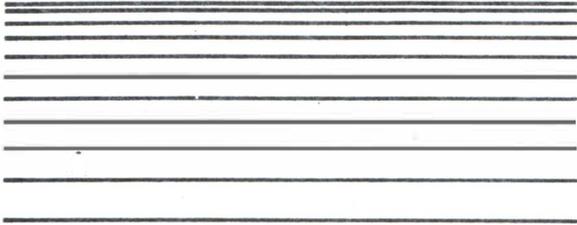
A petition to be turned over to government officials is included here and on the following pages. If this idea appeals to you, please cut out or copy and get as many signatures as you can and return to MARCEN and we will forward them to Professor Carr.

MARCEN endorses the concept because frankly, we can't think of a more qualified person to conduct the operation. We don't really expect the government to take such action but a number of filled out petitions may well generate some more awareness on the part of some public officials and it certainly does say that we want something done.

A Peaceful Petition to the President of the United States

We, the undersigned Citizens & Registered Voters, do respectfully & earnestly Petition You to consider, in all seriousness & solemnity Taking These Steps in the best interest of our National Security, for the Advancement of Knowledge & toward Universal Peace, to wit:

1. AN ORDER to all branches of the U.S. Armed Forces to cease attacks upon wingless aerial vehicles popularly called UFOs or "flying saucers," unless actually attacked by such unknowns.
2. SUGGESTIONS to Governors that they consider asking their state police, sheriffs, local law enforcement officers and private citizens also to stop unprovoked assaults upon UFOs and their occupants, unless actually attacked by such unknowns.
3. CREATION of a UFO Communications Laboratory, UFOCOL, on a remote mesa near Los Alamos, New Mexico, to attract, invite and initiate two-way communications and, if possible, actual meetings between UFO occupants and U.S. civilian scientists. UFOCOL can succeed only if it is responsible directly and solely to you, Mr. President. ¶ Major Donald E. Keyhoe presents complete plans for UFOCOL, or "Operation Lure," in Chapter 16 of his new book, ALIENS FROM SPACE. With two-way communication achieved and confidence established, UFOCOL's civilians would tell the UFO occupants that America's Chief Executive and Secretary of State are ready to confer with equivalent representatives of their home planet's social order. ¶ Our world's best space scientists regard such confrontation as virtually inevitable. UFOCOL's greatest value is that it may well bring about this historic inevitability within a few weeks by taking the initiative, displaying our human intelligence at its best here and now, on our own terms, at a pre-selected landing site in our own country, at a moment when major powers are not at war. Scholars in all fields agree that such an exchange of knowledge could be the decisive turning point in human history, well worth surmounting the same barriers of ignorance, fear and ridicule that Christopher Columbus had to overcome to discover the "mythical" New World which is now our homeland.
4. THE GALLUP POLL reports a majority of responsible American adults now believe "the UFOs are real," by inference disbelieving government denials. The same poll finds five million responsible American adults testifying that they "have seen UFOs." Our 1948-model Pentagon policies on UFOs are widely derided, are divisive, obscurantist, politically embarrassing and scientifically unsafe. Therefore, we the undersigned, implore you, Mr. President, to demonstrate once more your vision and your courage



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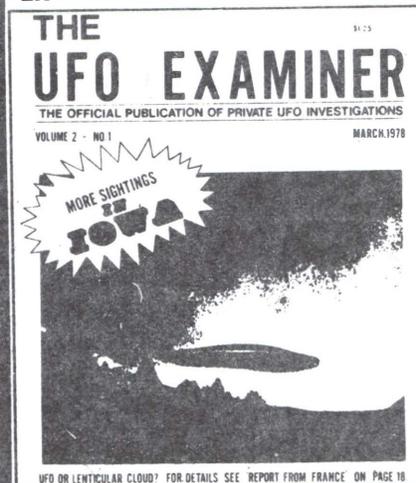
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MONTHLY MEMBER OPINION POLL

Please list the five most important areas MARCEN should be studying in order of importance. The highest priority first.

1. _____
2. _____
3. _____
4. _____
5. _____

To what use should MARCEN best put its computer capabilities. Use a separate sheet of paper for specific studies and programs if you wish.

It has become apparent to the Governors that MARCEN must change its name due to the regional connotation of "Maryland Center" and due to the fact we now have 5,000 members in all states and 15 foreign countries. The new name should reflect the scope of the center and its goals and hopefully still retain the acronym MARCEN because of recognition and reputation factors already established.

It is imperative that we know immediately if you plan to attend the MARCEN annual meeting now tentatively set for August 15 a Wednesday or Saturday, August 18. We must begin contacting people for a program and making arrangements for accommodation facilities, etc. If you cannot attend, you can send suggestions you wish placed on the agenda for discussion and/or action. Voting proxies for those unable to attend will be printed in the next issue of the journal.

I will be able to attend _____

I will not be able to attend _____

I may be able to attend and wait to _____

Please sign _____

On a separate sheet of paper, please list your evaluation of MARCEN at this point. What should we be doing that we aren't? What should we be doing differently? What shouldn't we be doing? How can you help us to do what you would like?

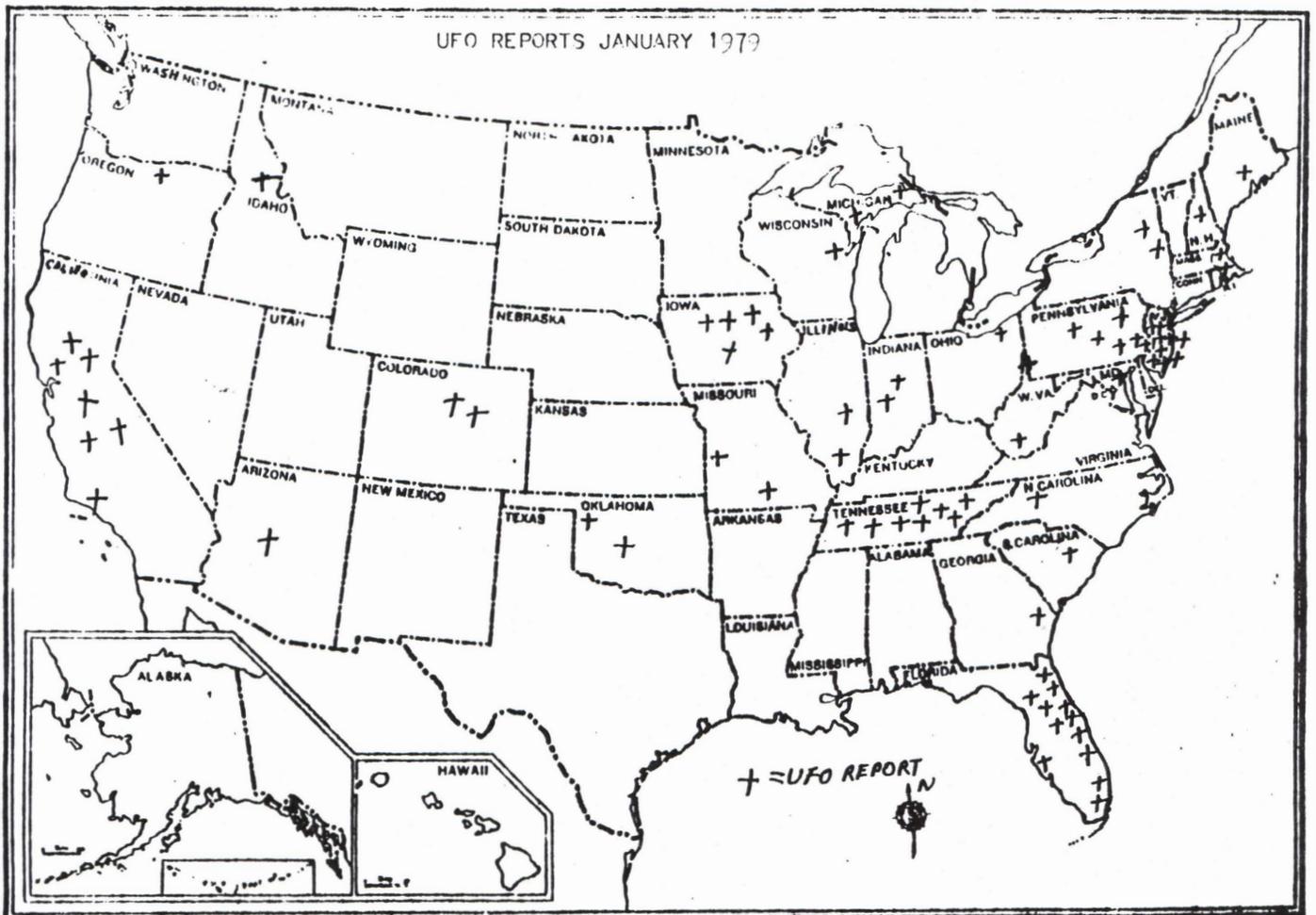
A membership now of 2,600 participating members and 2,400 sustaining members begins to become a little difficult to service. Should we cut off membership at some arbitrary figure? Remember that printing the journal and mailing it alone now costs in the neighborhood of \$6,500 per issue and it is being produced by the most inexpensive means possible unless we go to newprint and produce a tabloid type format. What is your opinion of altering the journal format?

1979 UFO ACTIVITY BY MONTH

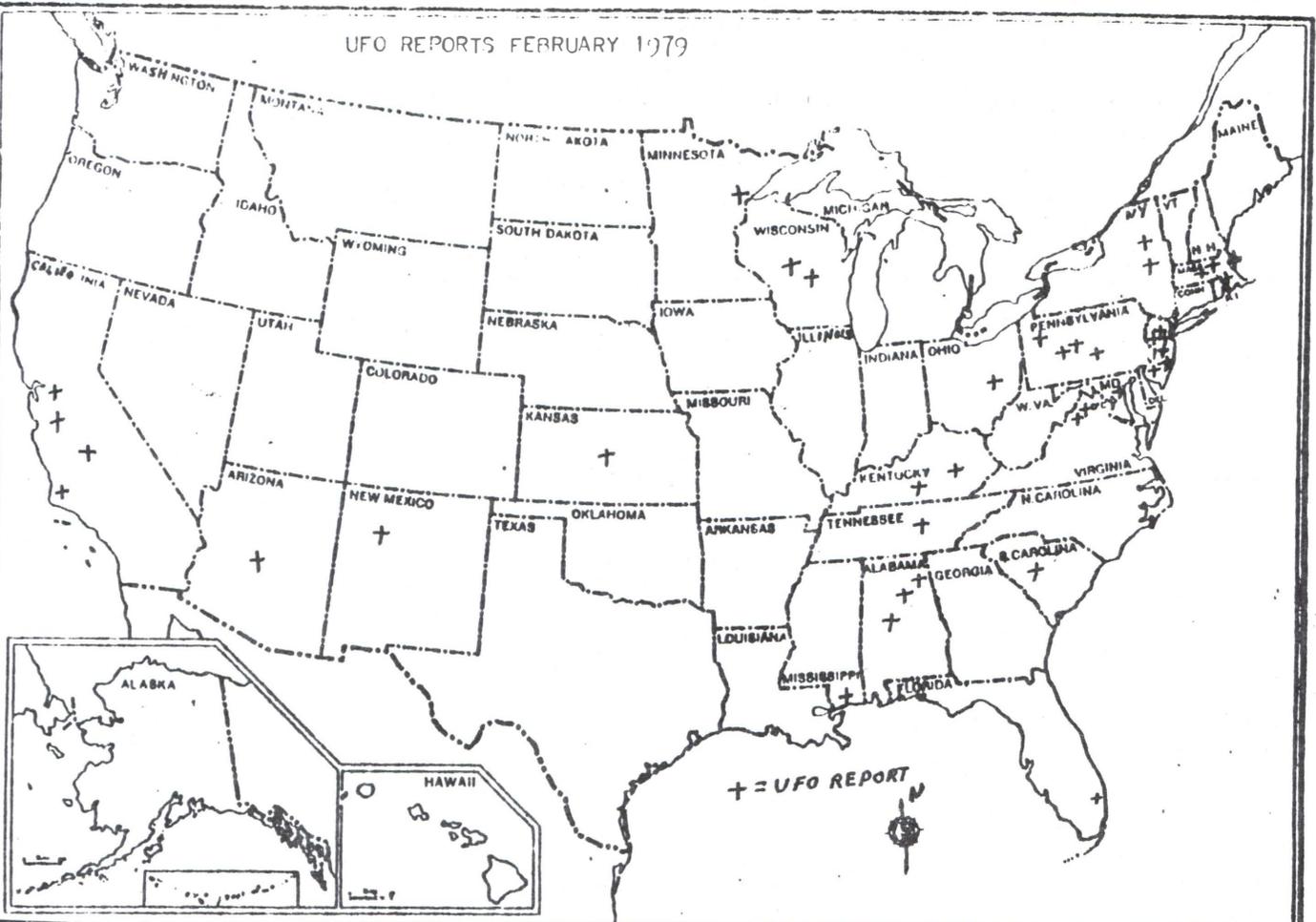
Beginning with this issue, the MARCEN JOURNAL will print maps of UFO reporting activity by month. The following maps list domestic sightings through early MAY. As we can see, most of the activity has been east of the Mississippi with New Jersey, Mass. Pennsylvania and Florida very active. We hope that the map feature will highlight trends that would not otherwise be readily apparent. Foreign incidents reported were:

COUNTRY	Jan.	Feb.	March	April	May
Argentina	4	0	0	0	0
Brazil	1	2	0	0	0
Canada	23	12	5	7	3
Colombia	2	0	0	0	0
England	32	27	11	1	0
France	5	1	4	0	0
Italy	4	5	0	0	0
Mexico	2	0	0	0	0
New Zealand	2	0	0	0	0
Paraguay	2	0	0	0	0
Poland	2	0	0	0	0
Phillipines	0	0	0	2	5
Panama	1	0	0	0	0
Rhodesia	1	0	0	0	0
Scotland	2	0	0	0	0
South Africa	2	0	0	0	0
Spain	5	1	1	0	0
Uruguay	3	2	0	0	0

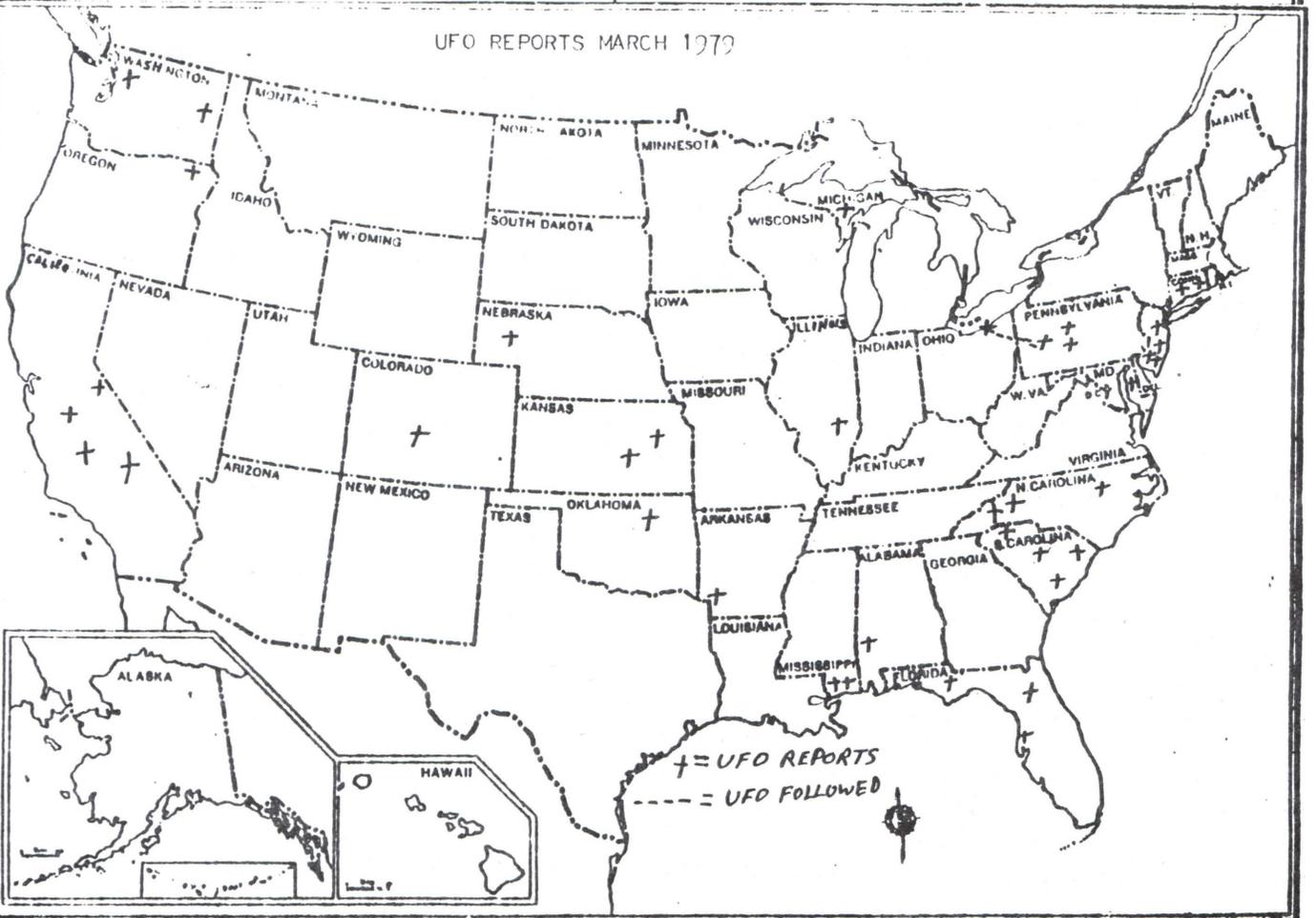
All maps and charts are subject to periodic revision as they reflect only reports currently in the files.



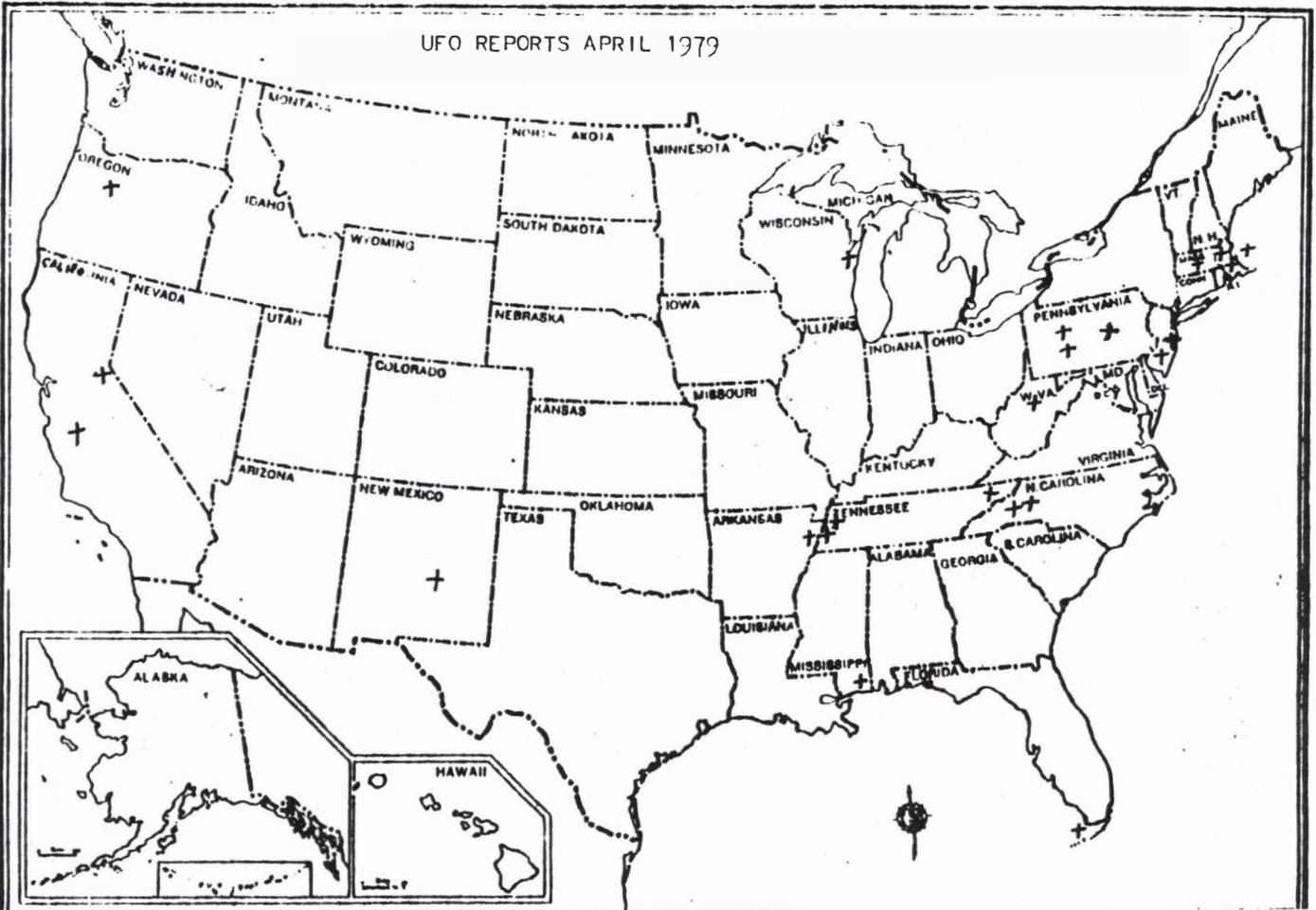
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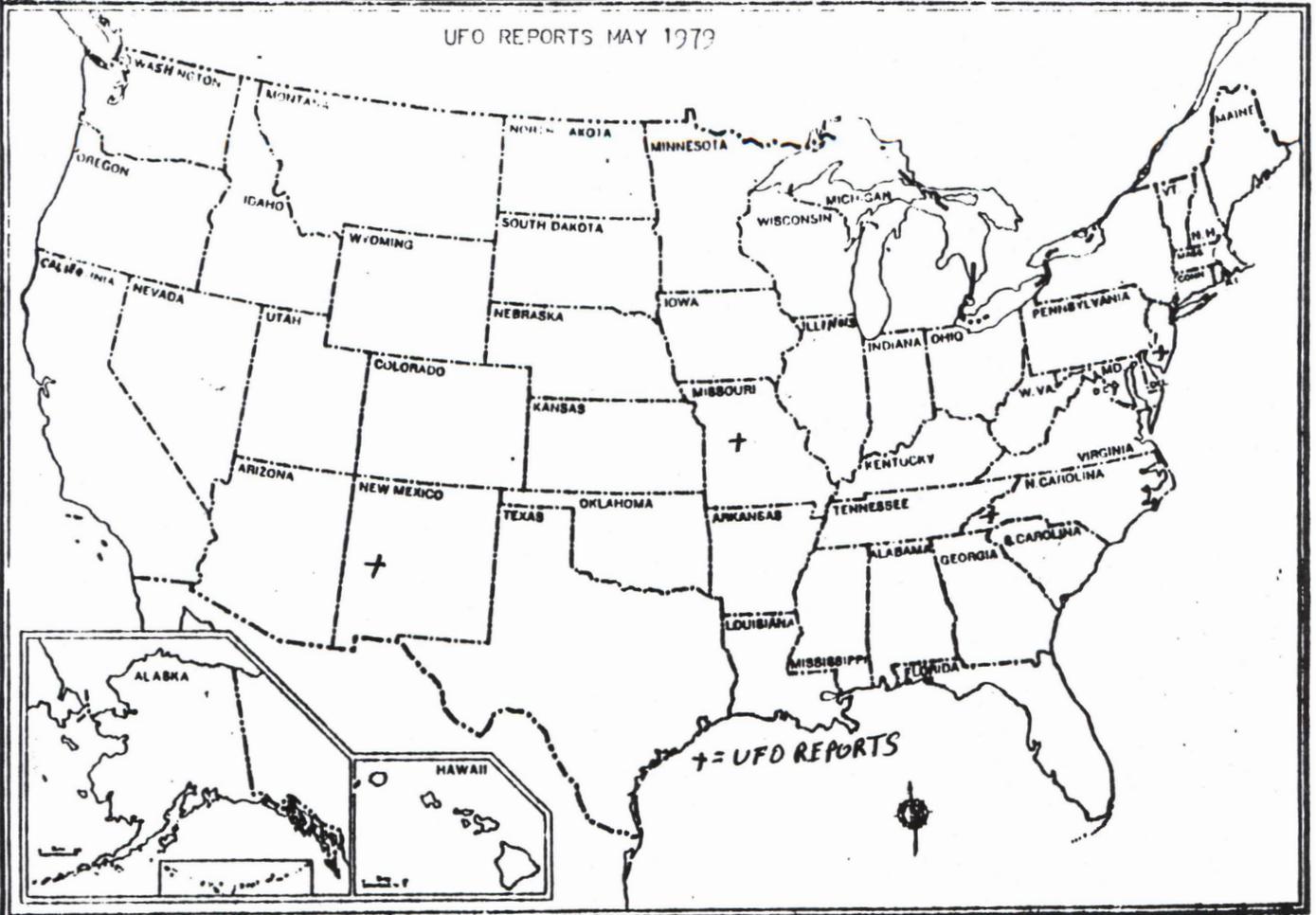
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INTERNATIONAL UFO ENCOUNTERS

MAIDEN, NC 8/19/78 *Source Newton, NC Observe News 9/16/78*

Mrs. Kera Chapman, 70 of Route 3, Maiden, reported to police that a brilliant flaming red and orange object that gave off "flashes of light" on its outer edges crashed onto the Golf Course Road near Maiden Knitting Mills at 0230 GMT almost causing a frightened truck driver to hit her car. Mrs. Chapman described the ball of fire as about 15 feet in diameter and said it disintegrated upon impact. No traces were found in the area.

Evaluation: Norad and NASA both agreed that no returning space debris known could have caused the event. Highly probable case of ionized plasma or ball lightning.

BARKINGSIDE, ENGLAND 8/19/78 *Source: Ilford Recorder, Essex, England 8/24/78*

Mr. and Mrs. Martin Perl were lying awake in bed at 0200 GMT when they "heard a terrible noise coming from above the house" and felt a vibration shaking their dwelling. When they looked out, 22 year old Marilyn Perl said, they saw white flashing lights in the sky moving away very rapidly.

Evaluation: Probable buzzing by a low flying aircraft, possibly military.

VILLENEUVUE-SUR-LOT, FRANCE 8/20/78 *Source: Le Parisien, Paris, France 9/7/78*

Monsieur S. Selehavop was in his orchard on the bank of the Lot river when he looked up and saw a bright light, he told the Surete. Next he saw a white ball dropping toward him that stretched out as it fell. When it ended up draped over his trees, it appeared to be a mass of plastic weighing about a metric ton and about 15 meters long and ten meters wide. The episode was made into a UFO event when the gendarmes declared that the material was too thin to be a balloon even though it contained numbers and various colored stripes painted upon it. In the meantime, Mr. Selehavop has filed suit against X for the 2,000 francs it cost to remove the mass from the orchard.

Evaluation: Very little doubt but that this was the return of a ruptured high altitude balloon.

LONDON, ENGLAND 8/20/78 *Source: Sunday Mirror, London, England 8/27/78*

Mrs. Dean Gidden, 65 and her husband, Ernest, 64, of Edensor Gardens in Chiswick, an area overlooking Heathrow Airport, were the first of many persons in the area to report a huge reddish ball hovering in the flight path of the supersonic transport Concorde. The glowing object was reported to Heathrow officials for about four days even though they reiterated that nothing was showing up on radar and the Concorde crews reported nothing.

Evaluation: There were aerial temperature inversions present over the Heathrow area at the time of the sightings. Most probably a reflection of lights on the ground possibly even the landing lights from the Concorde reflecting from smog trapped in the inversions thus creating the red color.

WASHINGTON, WISCONSIN 8/20/78 *Source: Evening Leader, Shawano, WI 8/21/78*

Many residents of the south shore of Shawano Lake reported UFOs in the sky visible for an hour and displaying green and red lights. One resident said they were the size of automobiles and had blue and white lights.

Evaluation: Stars.

CLEVELAND, ENGLAND 8/20/78 *Source: Evening Gazette, Middlebrough, England 8/23/78*

12 year old Ian Tucker reported spotting a silver flying saucer shaped object while walking along Penrith Road with a group of friends. They reported to police that using binoculars they saw an upside down bowl shaped object with red and yellow lights underneath.

Evaluation: Probable hoax.

STOCKTON, ILLINOIS 8/20/78 *Source: Morning Star, Rockford, IL 8/24/78*

After police received a number of calls about UFOs late in the evening, policeman Dennis Jagodzinski drove to U.S. 20 and Illinois Route 78, at 0600 GMT, where he said he observed the object in the sky for 45 minutes. He even called sheriff's deputy Steve

Allendorf to the scene and they concurred that it was a solid object with a pulsating red light in the middle and blue, green, yellow, orange, and white lights around the circular perimeter. They said that when the red light dimmed the other lights would go on one at a time.

Evaluation: Extremely certain officers were watching stars.

LINDSAY, ONTARIO, CANADA 8/21/78 *Source: Lindsay Daily Post, Ontario, Canada 8/22/78*

A large number of persons telephoned the police and newspaper reporting a large metal object brighter than the moon hovering near Ross Memorial Hospital at about 0400 GMT. The callers said that after the object hovered a short time, it took off and sped away rapidly.

Evaluation: Insufficient data for determination.

EVANSVILLE, INDIANA 8/21/78 *Source: Evansville Press 8/21/78*

Police were called to Indiana State University at 0800 GMT by security guards reporting twinkling bright objects in the sky.

Evaluation: Definitely Polaris the North Star.

CREWE, ENGLAND 8/21/78 *Source: Crewe, England Chronicle 8/24/78*

A resident of Winsford told police that as he was leaving Leighton Hospital at 21:15 GMT he saw a bright metallic object flying from north to west that stopped dead and disappeared without moving.

Evaluation: Insufficient data for determination.

CLEVELAND, OHIO 8/22/78 *Source: The South East Press, 9/8/78*

At about 0030 GMT a dozen children aged seven to 16 were playing in a field at East 145th Street and Harvard Road when they said a 219 foot shiny object descended over the field smashing a tree while hovering and discharged a silver spray. Interviewed by Cleveland Ufologist Earl Neff, the stories of all 12 children were identical as they related how the slow moving object would hover and then ascend into a cloud which would disappear as the object emerged. They said it circled some nearby aluminum fuel storage tanks several times.

The size of the UFO was determined by measuring the distance between a pole where it was said to be hovering and the broken tree.

Neff said that the silver spray said to have been discharged by the UFO caused nearby trees to die and one of the youngsters had a badly swollen hand after touching the silvery substance. Neff said he touched the dead wood and his fingertips got intensely red. The wood is being analyzed in a laboratory and photos of the object, taken by one of the children are being processed and examined. The UFO, which was seen once in the morning and twice in the evening was said to be circular with a front shaped like a bottle.

Evaluation: Either a hoax or a genuine unknown of great significance.

MILLVILLE, NEW JERSEY 8/22/78 *Source: Millville Daily 8/23/78*

Police Officer Samuel Rivera was dispatched to the Wade East apartment at about 0200 GMT after Mrs. Neider Berrios called to complain about a UFO she observed driving home from Vineland with her daughter. She related that they had seen two large bright objects in the sky that joined into one. As she pointed in the direction the object was last seen, the officer saw a large light standing silently motionless in the sky. After leaving the apartment complex officer Rivera stopped when he saw about 20 people gathered watching the light. They all said a second UFO appeared under the first and started to circle the first in a clockwise direction and then flew off eastwardly toward Holly City. They said the second UFO resembled a car with two headlights as it came toward them and when it was overhead the lights went off and a red flashing light came on.

Evaluation: First "UFO" - definitely Venus. Second "UFO" - a high degree of probability that it was an aircraft on takeoff that turned off its landing lights when overhead of the witnesses.

SANTIAGO AND MENDOZA, CHILE 8/22/78 *Source; La Razon, Buenos Aires, Argentine 8/26/78*

A young man in Santiago was hospitalized with a nervous breakdown after an encounter with UFO occupants he described as extremely tall with human features. Two other motorists reported seeing tall figures wearing miners helmets. A religious procession led by

a priest in Mendoza at about 0600 GMT reported seeing a glowing object the size of a full moon, which, after hovering motionless for several minutes, shot away leaving a strong-cold breeze.

The occupants of a launch navigating in the Corral Bay reported that as a glowing UFO approached their boat, their cargo of burned out fluorescent light tubes began glowing as if new and in light fixtures. As the UFO climbed out of sight, the boat darkened, they said.

Evaluation: Insufficient data for determination but information presented is not inconsistent with other true unknowns that have been reported.

The next edition of the MARCEN JOURNAL will be expanded in number of pages in order to completely catch up to date on all UFO reports in the files. We expect to publish up to 200 evaluated reports in the next issue. A lot of time is spent in getting together details on many cases in order to make an intelligent scientific evaluation. No snap guesses are made on any report. Reader comments or criticisms are welcomed on any evaluation.

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A STATISTICAL PROFILE OF UFO REPORTS 1947-1978

By Dr. Williard F. McIntyre

MARCEN's first computer statistical analysis of UFO reports has been completed utilizing MUFOD the MARCEN UFO Databank which is part of MUPCFADN - the computer access acronym for MARCEN Unconventional Phenomena Computer File and Data processing Network.

Currently we are utilizing a total of 40 mainframe computers in six cities joined by a telephone link to each other and the terminal at MARCEN headquarters. The utilization of so many units on a time sharing basis allows for considerable versatility in programming a wide range of data processing ability and rapidity of processing of programs much more complex than normal data processing along with almost unlimited on-line memory capacity.

In order to have a base for statistical analysis, MARCEN computerized the 12,851 UFO reports in its files along with 12,969 reports from the Air Force Projects Blue-book and Grudge files, 940 cases of physical traces or close encounters of the second kind from UFOCAT of the Center for UFO Studies, and 200 cases from Spain compiled by Vicente-Juan Ballester Olmos giving us a total of 26,960 reports to analyze.

It should be emphasized that these are reports not actual unknowns, although all readily ascertainable identified were excluded except from Air Force files.

It is felt by MARCEN that analyzing the pattern of reporting of a phenomenon will give us considerable data to use in determining the nature of a phenomenon and in deciding if it is real or hallucinatory.

It is not MARCEN's intention that this study be a one time event. It is planned to be updated annually or anytime a large segment of sighting reports is made available to be fed into the databank. Hopefully this policy will show developing trends.

Annual updates will be issued by MARCEN each August to all UFO organizations and other qualified interested groups.

Although MARCEN files contain UFO reports dating back to the 1800s, for the purpose of this study, only reports from 1947 to the end of 1978 were considered and at the time the study was run, files for 1978 were not completed yet.

A breakdown of the number of total reports by year is as follows:

1947 - 577	1955 - 666	1963 - 534	1971 - 623
1948 - 221	1956 - 712	1964 - 623	1972 - 755
1949 - 310	1957 - 1113	1965 - 1246	1973 - 1423
1950 - 801	1958 - 666	1966 - 1335	1974 - 666
1951 - 267	1959 - 534	1967 - 2895	1975 - 356
1952 - 1313	1960 - 623	1968 - 1558	1976 - 136
1953 - 488	1961 - 601	1969 - 1202	1977 - 712
1954 - 1693	1962 - 666	1970 - 577	1978 - 1068

One of the first questions we posed to the computers was an attempt to verify the assumption that the most UFOs are reported in Summer when more people are outside to see them. The computers gave us a yes and no to this. To determine if weather was a criteria, we divided reports into northern hemisphere and southern hemisphere and eliminated the tropics where there is little seasonal variation. Not surprisingly, we ended up with 22,152 northern hemisphere sightings and only 3,470 southern hemisphere sightings. However, the monthly percentage of sightings was surprising, bearing in mind the reversal of seasons between the hemispheres.

The month with the most sightings was July in both hemispheres with 16% or 3,544 reports in the north and 15% or 521 reports in the south. July may be the peak of the summer in the U.S.A. but it is the dead of winter in Australia.

The least number of reports in the northern hemisphere was 886 or 4% in February - or as expected in the grip of winter but as the southern hemisphere moved into late summer in February when the most sightings would be expected, again this was the low point with only 138 reports filed in February or again - 4%.

Except for a small increase, percentage wise, in the southern hemisphere during the summer months of December and January, and a drop in the south at the beginning of Winter in May, the monthly percentages basically ran parallel in both hemispheres.

The monthly sightings percentages are

Month	Northern Hemisphere	Southern Hemisphere
January	6%	7.8%
February	4%	4.0%
March	7%	7.0%
April	7%	7.1%
May	11%	5.5%
June	11%	10.0%
July	16%	15.0%
August	7%	11.9%
September	9%	9.0%
October	10%	9.0%
November	7%	7.0%
December	5%	6.7%

Next we wanted to know the time of day when most UFOs were reported and again we were treated to at least some minor surprise. We expected most reports during daylight hours when most people are outside or during early evening when people are home relaxing outdoors. This was not the case. We asked the computer to give us hourly breakdowns of reports broken down into high strangeness cases and total reports. In total reports, most sightings were between 6:00 P.M. and 8:00 P.M. In high strangeness cases the peak period was between 8:00 P.M. and 10:00 P.M. with the second most active period between 10:00 P.M. and midnight. Unexpected was another high strangeness report period of high activity between 2:00 A.M. and 4:00 A.M.

All time periods and percentage of sightings are shown with all times converted to standard time in each time zone.

Time Period	All Reports	High Strangeness Reports
0000 - 0200	10.0%	10.8%
0200 - 0400	11.0%	12.8%
0400 - 0600	6.0%	6.8%
0600 - 0800	3.0%	4.0%
0800 - 1000	2.5%	4.0%
1000 - 1200	2.8%	4.0%
1200 - 1400	3.5%	2.4%
1400 - 1600	3.0%	2.8%
1600 - 1800	12.3%	6.0%
1800 - 2000	18.0%	9.2%
2000 - 2200	13.7%	19.6%
2200 - 0000	14.2%	17.6%

We can definitely see from this study that the high strangeness reports, which ultimately carry the most information about the UFO phenomena are most likely to occur

late at night or early morning. Grouped in the high strangeness category are close encounters of the third kind, and all reports where there was any kind of interaction reported between the UFO and the witnesses or the environment.

Where did the reports in the file come from? In worldwide distribution of reports, North America led with 16,060 reports or 59.5%. Next came Europe with 5,724 reports or 21.23%. South America came in third with 2,103 reports for 7.6%. Australia had 1,078 reports for 4%. Asia reported 809 sightings for 3%. Africa contributed 350 reports for 1.3%. Central America's 297 reports came to 1.1% and the Pacific Islands and oceanic reports totaled 539 or 2% of the total.

The overwhelming percentage of reports from North America does not mean all of the UFO activity is taking place here, but that we had more ready access to reports from this area. Only a small percentage of actual sightings may be reported in Africa and Communist Asia with only a small portion of the reports made filtering to the outside world. This study was done primarily to identify the geographic distribution of the reports we analyzed.

In the United States, nine states accounted for more than 500 reports each. They were California, Florida, Illinois, Michigan, Missouri, New York, Ohio, Pennsylvania and Texas. Contributing 250 to 500 reports were 13 states: Colorado, Georgia, Indiana, Iowa, Massachusetts, New Jersey, New Mexico, Nevada, North Carolina, Oregon, Virginia, and Washington. We expected that a study of reports by state would show the most reports from the most populous states since more people can see more things, but this did not strictly follow as most activity was reported in states less than the most populous. Neither did the expectation that more reports would come from states with the best climate for outdoor activity materialize. Many more reports came from Northern states than the southern ones.

19.28% of the reports or 5,199 were considered to exhibit characteristics of high strangeness making them valuable for further study in resolving the phenomenon with 1,099 reports or 4.07% being close encounters of the third kind or reports of UFOs a short distance from the observer and involving occupants in the UFO or entities around it.

The Bluebook files showed 778 cases of high strangeness or 6% with 13 or 0.1% being close encounters of the third kind.

Next we asked the computers about the yearly numbers of high strangeness cases and close encounters of the third kind to determine if the strangeness level matched the trend of total number of reports or went in its own direction:

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"Total Press Coverage Monthly"

(Continued on Page 32)

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Year	Total Reports	High Strangeness	CE IIIs
1947	577	23	6
1948	221	24	9
1949	310	19	3
1950	801	56	8
1951	267	80	5
1952	1313	105	20
1953	488	78	10
1954	1693	305	102
1955	666	67	21
1956	712	78	14
1957	1113	167	22
1958	666	73	13
1959	534	80	11
1960	623	62	12
1961	601	66	6
1962	666	80	20
1963	534	85	10
1964	623	150	20
1965	1246	299	85
1966	1335	307	90
1967	2895	234	80
1968	1558	233	78
1969	1202	252	48
1970	577	127	10
1971	623	162	31
1972	755	198	49
1973	1423	498	88
1974	666	133	40
1975	356	128	25
1976	136	68	18
1977	712	142	60
1978	1068	520	85

It has been generally assumed that UFO events are witnessed by usually only one witness but the computers tell us otherwise. 17,524 of the reports were made by two or more witnesses. Only 25% or 9,437 reports come from solitary witnesses. 5,931 reports indicated two witnesses. 11,593 reports came from three or more witnesses - quite often not knowing each other and not knowing anyone else was watching the event.

Because we felt the reports in MARCENs files would be more representative and unbiased, a study showed 4,547 single witness reports of which 1,773 were high strangeness report - 500 being close encounters of the third kind (CEIIIs). Dual witness reports totalled 2,858 with 1,000 being high strangeness, including 171 CEIIIs. Three or more witness reports numbered 5,586 with 1,648 exhibiting high strangeness - 415 being CEIIIs.

What do we know about the witnesses who report UFO sightings? Still working from the MARCEN files only, we found 32,048 witnesses with an overwhelming 24,997 being male or 78% with only 22% being female or 7,051.

Asking for a breakdown by age and sex we got a witness breakdown as follows:

Age	Male	Female
0-5	320	292
5-10	1167	292
10-15	3061	1000
15-20	3932	875
20-25	2622	875
25-30	2622	1602
30-35	1602	292
35-40	2769	0
40-45	1458	292
45-50	1167	292
50-55	727	292
55-60	1019	292
60-65	1019	292
65-70	292	144
70-75	321	0
75-80	319	292
80-85	144	0

What do the UFOs reported look like? Seventy percent of the reports studied indicated a definite structured shape. Of these 18,872 reports, 14,019 or 74% were disc-like, 2,696 or 14% were reported to be cigar-shaped, and 2,157 or 11% were said to be spherical or globular. Strangely, there were no reports within the 18,872 reporting shapes other than the three listed, indicating (1) no other shapes were seen; (2) persons seeing something not fitting one of the categories felt that it might not sound legitimate and didn't report the shape; (3) persons reporting have been preconditioned to expect UFOs to fall into one of the three categories and mentally place them there before reporting, or (4) there are a lot of hoaxers.

Studying the high strangeness cases we find that only 10% or 519 were observed from more than 200 meters away. 26% or 1352 fell within 50 meters to 200 meters, and a full 64% or 3,327 were observed from less than 50 meters and these included most of the reports where occupants were observed.

The public generally believes that UFO reports are just fleeting lights in the sky with no evidence left or found other than the testimony of hysterical witnesses yet 14,558 of the reports studied indicate an interaction of some type between the UFO and either the witness or the surroundings and in some cases both.

In 25% of the interaction reports or 3,640 reports, either physical traces in the form of disturbances of the environment, imprints, depressions or other traces were found or there were still photos, movies or radar traces. 3,203 of the reports or 22% indicated electromagnetic disturbances where there were magnetization of objects or radio, television or electrical circuits were disturbed. In 1,893 of the reports, the witnesses experienced heat or cold sensations, radioactivity was measured, or there was an indication of ultraviolet or microwave radiation. We were surprised to learn that in 1,019 reports or 7% levitational effects on humans, animals or objects. In 4,572 of these reports the witnesses reported physiological and or psychological effects such as paralysis, amnesia. In 233 reports, paranormal activities were reported such as telepathy, visions, astral projections, etc.

Asking MUFOD for some information on the duration of UFO sightings reported, we found that only 30% of all reports listed a duration of the experience lasting less than 1 minute. Dividing reports again into high and low strangeness, we arrived at the figures below.

DURATION OF SIGHTING	HIGH STRANGENESS	LOW STRANGENESS	PHYSICAL TRACES
Less than 1 minute	12%	38%	14%
1 to 5 minutes	19%	18%	39%
5 to 15 minutes	28%	18%	15%
15 to 30 minutes	15%	9%	19%
30 min. to 1 hour	12%	8%	13%
More than 1 hour	14%	9%	00%

Next we studied only the UFO reports where physical traces were left behind and found again that only 14% were observed for less than one minute. However, there were no reports of an event lasting more than one hour. The breakdown is shown above.

It would seem obvious that with more than 70% of all sightings reported lasting from one minute to more than one hour, that witnesses should have ample time to be certain of what they are seeing.

While studying physical trace reports, we asked MUFOD what was found at reported UFO landing sites. In 70% of the reports, a circular site was found and in 50% of the reports, the area was burned. Twelve percent of the landing sites were oval shaped and 18% were of no regular shape. On 30% of the sites, vegetation was depressed and on 20% the soil was dehydrated of moisture.

About 3% of reports studied indicated magnetization or magnetic change of the surroundings and less than one percent showed any increase at all in background radiation.

What about imprints from landing gear, etc.? 51% of the landing sites where imprints were found showed three imprints in a geometric pattern. 35% showed either 2, 5, or 6 imprints in a fairly random pattern, and 14% showed four imprints, again geometrically arranged.

The last question of the current study that we put to MUFOD was about what colors witnesses reported UFOs to be exhibiting. Just over 42% said the UFOs were metallic appearance-either shiny or dull-but definitely metallic. 22% said the UFOs were red and 20% orange with 9% reporting white. The last three categories were primarily night sightings where the colors reported could indicate external lighting reflecting from a metallic surface. Less than 7% reported any other colors.

What about lights seen on UFOs at night? 79% reported red lights and 68% blue lights with 59% reporting both red and blue lights. Green lights accounted for 18% of the sightings with red and green seen on 12% of the UFOs. White lights alone or in combination with other colors were reported in 52% of the incidents. The percentages add up to more than 100 due to witnesses reporting more than one light color per UFO.

A lot of computer time and much more programming time went into this study not to mention several times as much time spent by the author in learning about computers and how to use them. Did we learn anything? Do we now possess more knowledge about the UFO phenomenon?

MARCEN believes that this study has created the beginning of an accumulation of knowledge that will ultimately lead to answers, but it is just a beginning. There is much more to do. New parameters must be defined so they can be studied. Much more new data

must be accumulated and computerized. Then and only then will we see the true pattern emerging.

Right now, based on this computer study, we should be able to delineate a reasonably accurate profile of a typical UFO encounter.

We see that we can expect a UFO encounter of high strangeness most likely between 8:00 p.m. and midnight on a July night in Ohio, Pennsylvania, or New York reported by three or more boys aged 15 to 20 who relate an experience with a disc shaped UFO less than 200 meters from them that was metallic with red, white, and blue lights flashing. We can expect our hypothetical witnesses to report the UFO landing and leaving a burned circular area with imprints of three landing devices in the pattern of an equilateral triangle. One of these witnesses may feel heat sensations and will develop a low-grade radiation burn like sunburn on the exposed parts of his body. Another witness will experience temporary paralysis or will develop amnesia about the experience. During the 12 minutes the UFO was being watched by the witnesses, the headlights and engine of their automobile ceased to function. Two additional witnesses to the event will keep quiet for fear of ridicule but will eventually speak up about a week after the sighting. These additional witnesses will be a 35-year old male and a 30-year old female.

MARCEN has made the beginning-now we seek everyone's support to continue. We seek input from all sources. Reports or other studies to be added to the data bank will be welcomed along with any suggestions of areas or categories to be studied.

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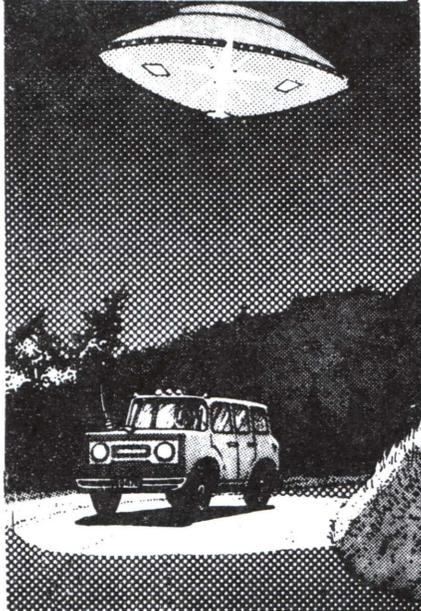
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APRO IS OLDEST UFO ORGANIZATION

The Aerial Phenomenon Research Organization, better known as APRO, is the oldest UFO group in continuous existence. APRO was founded in 1952 by James and Coral Lorenzen in Sturgeon Bay, Wisconsin where they then lived.

In 1954, the Lorenzens moved to New Mexico to take jobs at Holloman Air Force Base and took APRO with them. In 1956, Mrs. Lorenzen resigned her Air Force job and spent full time directing APRO until 1964 when her husband James took over.

In 1960 James Lorenzen accepted a position at the Kitt Peak National Observatory in Tucson, Arizona as a senior technical associate. He was responsible for designing computer interface for a remote controlled telescope and instrumentation for rocket elevated astronomical experiments.

APRO again moved to Tucson with the Lorenzens. In 1967, Lorenzen resigned from the observatory forming Lorenzen Music Enterprises and now markets an electronic piano he has designed.

APRO was the first UFO organization to last and has published the APRO Bulletin continuously since July 1952.

In the early days of APRO, the Lorenzens, following Major Donald Keyhoe's lead, subscribed to the Air Force conspiracy theories, but came to see the Air Force as more the victim of circumstances than the perpetrator of a conspiracy.

APRO became the first UFO organization to depart from the super conservative positions of other organizations by acknowledging the existence of UFO occupants. At the time, NICAP and other groups were fanatically insisting on the reality of UFOs as extraterrestrial craft but they refused to accept as authentic any reports of landings or encounters that involved occupants or entities.

APRO first accepted the open-minded position that if UFOs are reality then someone or something just as real must be operating them.

APRO was the first UFO organization to become international in scope by publishing foreign UFO reports, primarily South American UFO encounters very ably investigated by Dr. Olavo Fontes and Horacio Gonzales.

In late 1950s and early 1960s there were a lot of bitter feeling between APRO and NICAP (The National Investigation Committee on Aerial Phenomenon) mostly because APRO disagreed with NICAP's approach in accusing the Air Force of a conspiracy. APRO saw the tactic as going nowhere and they were ultimately proven correct as all it did was give the Air Force authorities a chance to restate their propaganda. The disagreement over the existence of UFO entities just added fuel to the fire.

Partially as a result of the feuding between the organizations, NICAP has now faded into obscurity and is almost nonexistent and APRO's still going, although with a diminished membership roster.

APRO like most similar organizations is jealous about guarding its membership lists and giving out exact numbers about the total members but their membership was believed to be about 5000 in the early 1970s and is believed to have dropped somewhat below this figure now.

APRO is located at 3910 East Kleindale Road, Tucson, Arizona 85712. Coral and Jim Lorenzen are two of the most respected figures in ufology today and are the authors of many UFO books.

SWAMP GAS RIDES AGAIN

Dr. Robert Green director of the National Radar Astronomy Observatory in Greenbank, West Virginia has been nominated for the 1978 Dr. J. Allen Hynek Swamp Gas award for his unsolicited explanation in the midst of a flap of UFO sightings all over West Virginia that they were simply thermal cells trapped in the atmosphere due to an Indian Summer, causing people to think they were actually seeing unconventional objects.

We think the November 10, 1978 Ironton Ohio Tribune justified by added the nomination of Dr. Philip S. Calhoun an entomologist at the Agricultural Research Service laboratory in Gainesville, Florida for his explanation that UFOs are swarms of bugs flying through electrical fields that make them glow.

The Tribune suggests tongue in cheek "That clouds of bugs moving erratically in and out of electric fields that make them glow sounds likely enough."

"But does anyone figure it was a cloud of bugs that gobbled up that young Australian pilot and his plane? Was it thousands of insects that left those 10 foot wide depressions in the Walnut Creek bottomlands near that Kansas town - not to mention the big 13 foot one in the middle of a hexagon?"

MARCEN cannot agree with the Ironton Tribune more.

FIRST RACE REMNANTS STILL WALK THE EARTH

By Dr. Ronald P. Anjard

At one time, Bigfoot was a curiosity only of the American Northwest. Later, we learned of the Indian name, known by them for a long period, being Sasquach. Over several years, sightings were reported in many other parts of the United States including Indiana, Pennsylvania, New Jersey, and the Carolinas. The American creatures are sometimes reported to be violent and usually distinguished by strong unpleasant odor. These creatures are very similar to the famous Yetis or "abominable snowmen" of the Himalayas. They too appear to be a combination of human and ape features, tall--eight feet, and also covered with brown hair. They leave human-like footprints just like their American counterparts. According to a Tibetan lama, Lobsang Rampa, the Yeti are actually a spin-off from the human race. Afraid of past wars, they fled from civilization. Tampa reports that the Yetis evolved down from "man." Other similar creatures have been reported in Malaysia, East Asia, Australia, Tasmania and even China and Russia.

In New Zealand, there are three types of unusual creatures. The "Maeroeios" are savage beings, covered with long hair, who lived in the mountains. The "Aitanga-a-nuku-maitore" are reportedly "one degree advanced from the animal level." They dwelt in the trees. The "Yowies" literally scare the aborigines because they are carnivorous--killing and eating the aborigines. The "Yowies" also exude a strong unpleasant odor.

In another article this author reported that the Oahspe, written about 1890, describes the very early races of man. The earliest race did not walk upright as man does today, had long arms and became extinct in time. This description is virtually the same creature shown by the eminent archeologist, Richard E. Leakey, in his book, Origins. This early stage, known as "Ramapithecus," reportedly has been found in Asia, India, Africa and even the Mediterranean region. It looks remarkably like Sasquach, Bigfoot, Yeti, and Yowie.

This information suggests that the earliest stage did not become absolutely extinct. These could be ancient ancestors from a period thirteen million years ago.

The Original and Only Complete Reprint of the Full Text of the AIR FORCE PROJECT BLUE BOOK SPECIAL REPORT NO. 14.

"Flying Saucers now occupy a place in popular literature...and reference books, as firmly as lemmings, leprechauns; extra-sensory perception, travel to the moon, Robinson Crusoe, Don

Quixote, Confucius, and Othello". "Some of those... were real, some were only fictional, some were once fictional but became real, and some had been real but became legends".

"They all have meaning for us today.... so do flying saucers, whatever category they belong to."

"As long as genuine flying saucers can't be seen in TV news-films, they must be studied from books such as this. This book tells it the way it was originally told, as a source document for serious students of the subject."

-from Dr. Davidson's preface

If you want a book to help you make up your own mind, or to help you convince your friends of the reality of UFOs, this is the book to buy before you buy any other.

Author Had "Secret" Clearance

A remarkable book, compiled by a Ph.D. engineer who studied the secret *Project Grudge* report while working at Los Alamos, N. Mexico., in 1949. He visited Wright Field (A.T.I.C.) in 1950. At the Pentagon in 1952 he was given a private showing of the Tremonton films by Major Fournet. The author lived in Washington D.C. during the 1952 "saucer flap" in that city while working at A.E.C. headquarters.

He Forced Air Force to Allow Publication

Long before the "Freedom of Information" Act, Dr. Davidson in 1956 had to get Rep. John E. Moss's Congressional Committee to have the Air Force provide Special Report No. 14 for reproduction in the First Edition of this book. "Long John" Nebel reviewed the book over WOR radio, New York, in late 1956. It became established as the primary source book on the Air Force's findings.

The Book Presents Many Viewpoints

In the analysis section, Dr. Davidson points out the fallacies and errors in the Air Force's position. He exposes the control which the CIA had on Project Blue Book, and the tricks played on the public regarding saucer sightings and contacts.

The book has been regularly updated and enlarged.

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Text of 1955 Special Report No. 14; Analysis of Report No. 14, by Dr. Davidson (10 p.); complete AFR 200-2 (4 p.); 1966 Blue Book summary (8 p.); 1969 Final Blue Book summary (3 p.); 18 p. of Annotated Bibliography from Library of Congress; 8 p. from "Aids to Identification of Flying Objects", issued by Air Force in 1968; reprints of seven articles by Dr. Davidson from 1956-1962 issues of *Saucer News*, *Flying Saucers*, *Flying Saucer Review*:

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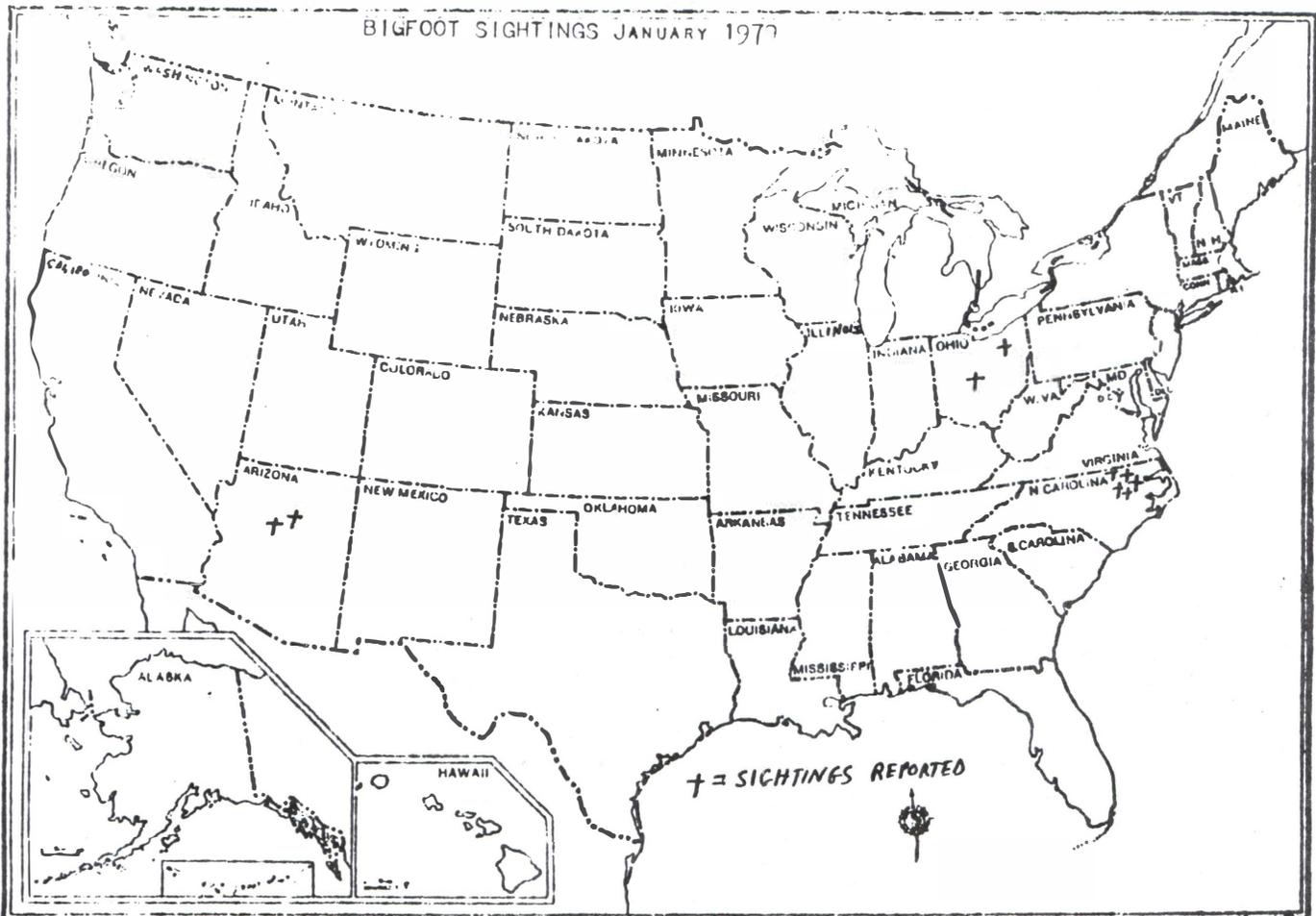
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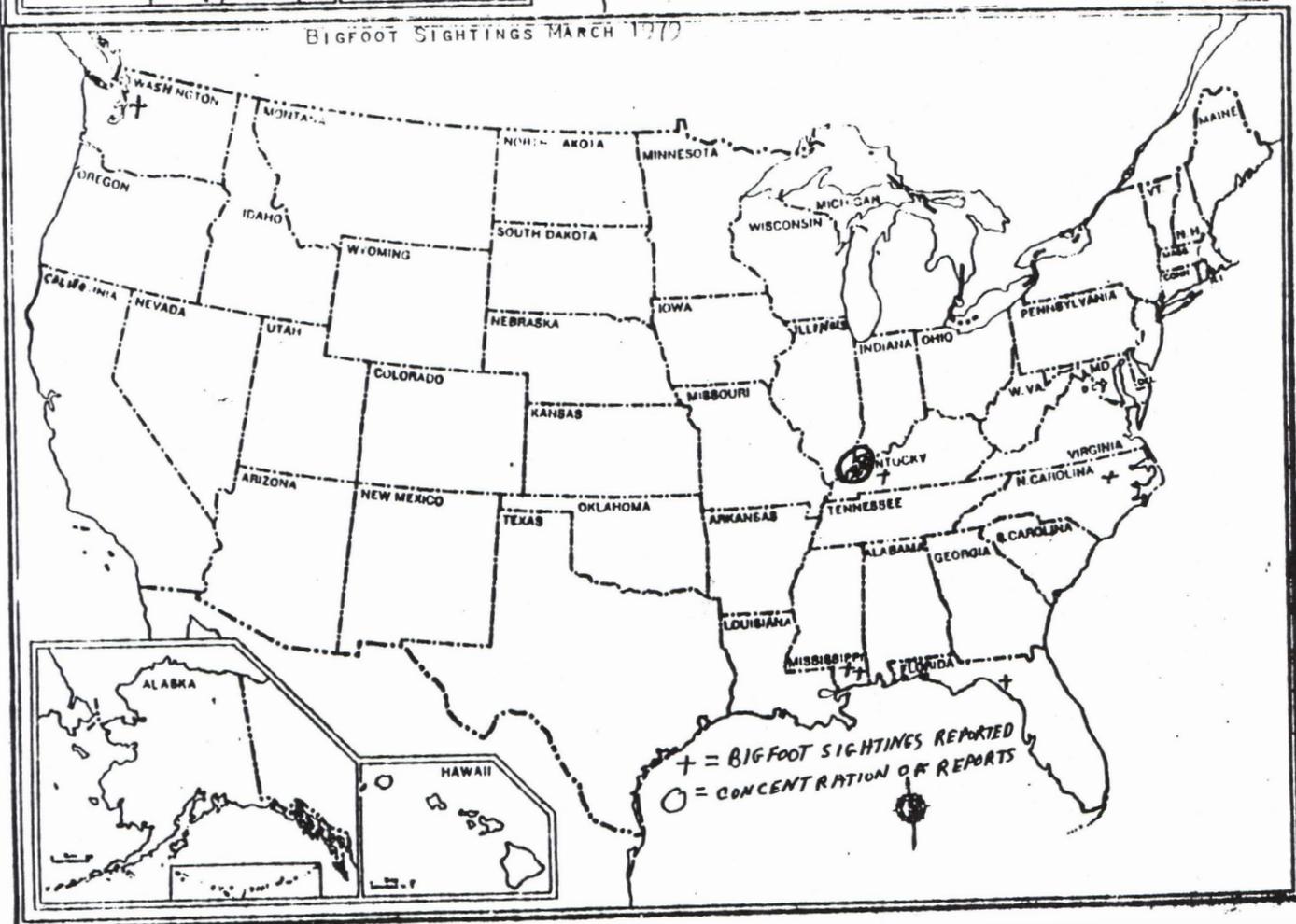


With this issue of the MARCEN JOURNAL, we have caught up to date as of press time with all of the Bigfoot sighting reports in the files. We are also instituting with this issue monthly maps of Bigfoot sightings all over the United States and part of Canada. The following maps will indicate all current Bigfoot encounters of 1979. It is hoped that the monthly charting of sightings may reveal either migratory patterns or habitory patterns of the elusive hominoid. We find it interesting that although Bigfoot is assumed to be a permanent resident of the Pacific Northwest, the vast majority of sighting reports for 1979 have occurred in the Eastern United States as the following maps reveal.

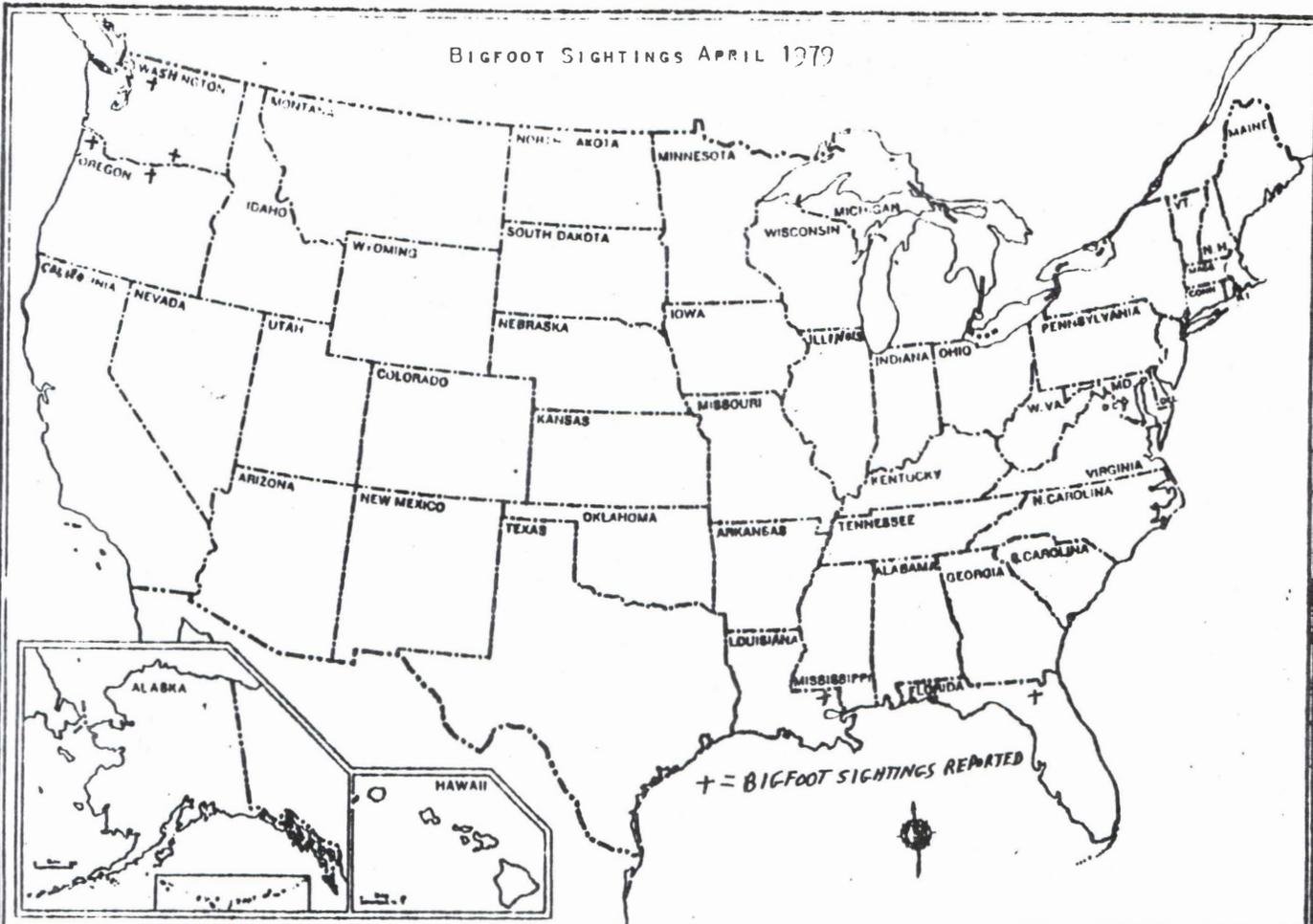
Just before Press time, MARCEN exposed the report of a Bigfoot near George Washington's home at Mount Vernon, Virginia as a hoax. Details on this will be reported in the next MARCEN JOURNAL and will reveal the extent some hoaxers will go to to perpetuate their fun and games.

There are some reports in the following roundup indicating possible violence on the part of Bigfoot. However, there are more reports of violence by man toward Bigfoot. MARCEN feels this should stop, the creature should be shot at only in self defense. The reports indicate that shooting is likely to be ineffective anyway and may only stimulate anger. There are better ways to study a phenomenon than killing it.

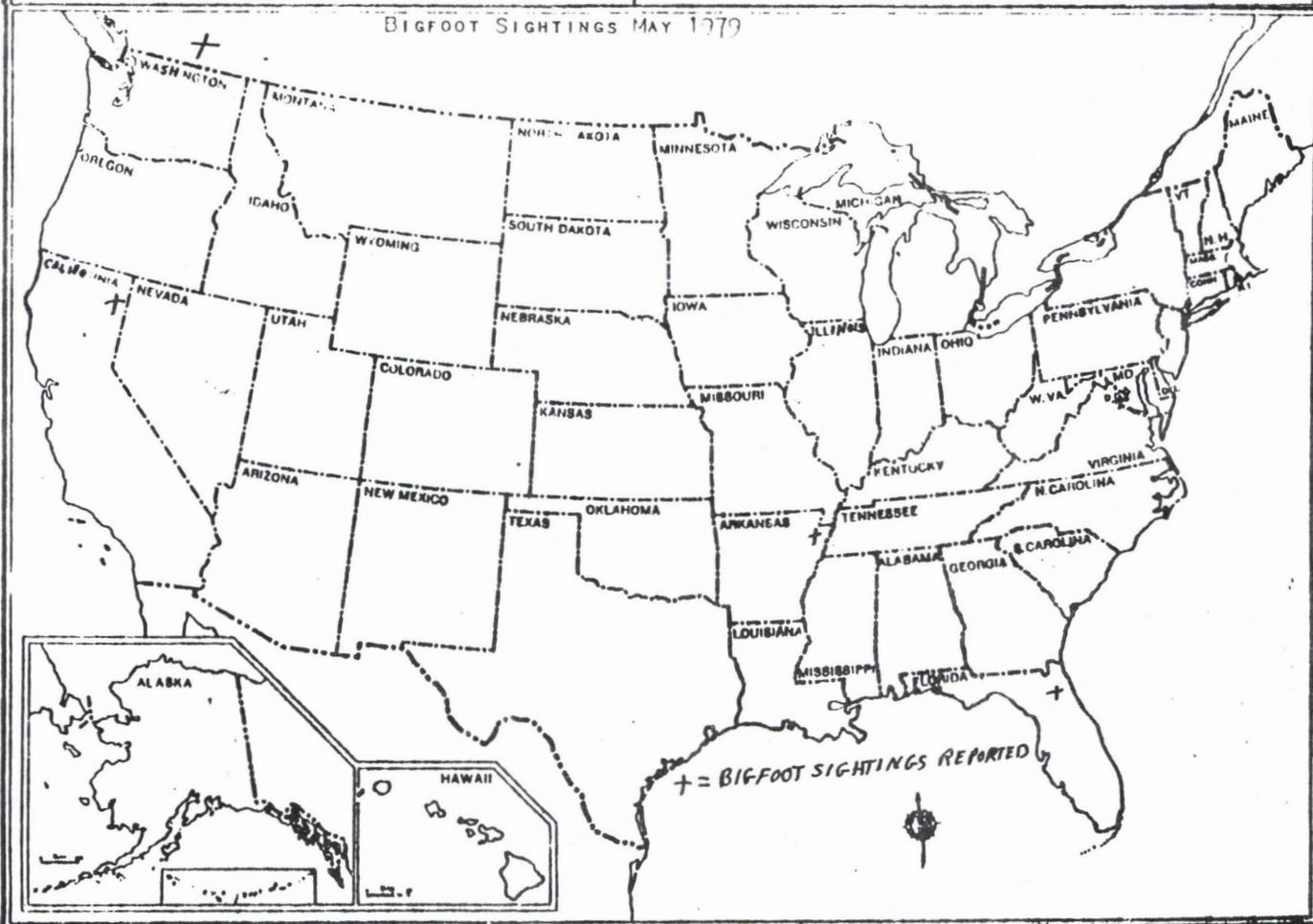




BIGFOOT SIGHTINGS APRIL 1979



BIGFOOT SIGHTINGS MAY 1979



SOUTHERN YORK COUNTY, PA 11/10/78 *Source: York, PA Record 1/15/79*

A deerhunter was stalking game in thick underbrush near a reservoir when he stopped and waited for three minutes. Whatever was coming stopped also. Then the hunter heard a big branch snap and knew it wasn't a deer coming through the underbrush at a fantastic speed. As it neared the hunter, it veered to the left and the hunter swore he saw, in the dim light, a seven foot tall human walking too fast to be human.

Huge tracks with deep heel prints and high arches were found later.

Bigfoot investigators theorized that the creature was fleeing from hunter's gunfire in the direction from which it came.

SEARS, MICHIGAN 11/12/78 *Source: Cadillac, MI News 12/18/78*

61 year old Robert Cook a retired state employee was taking a Sunday drive with his wife near their home on Big Lake when they saw a large hairy gray animal standing on its hind legs. They were about 350 yards from the animal according to their report. They estimated the creature's weight at over 500 pounds and insisted it was not a bear especially since it had long gray hair.

HILLSBORO, OREGON 11/12/78 *Source: Oregon Journal Portland, OR 11/13/78*

Sheriff's deputies were called to an overpass bridge on Baseline Road at 3:00 a.m. after complaints from numerous motorists about an 8 foot hairy beast walking around and peering in car windows. The creature was said to have been frightened away eventually, running down the right side of the road. The deputies found nothing.

OTTOSEN, IOWA 11/15/78 *Source: Modern People, Franklin Park, IL 12/10/78*

The reign of terror perpetrated by a gigantic smelly bigfoot continued as the creature ripped a cat apart and left behind tracks four hands wide and five hands long. Witnesses say the creature is at least seven feet tall and smells like the middle of a garbage dump. Hundreds of people have been calling police daily since July.

SEARS, MICHIGAN 11/19/78 *Source: Cadillac, MI News 11/25/78*

42 year old Norman Nowland was deer hunting about 8:00 a.m. three miles south of Sears when he said he saw a seven foot tall 500 pound human-like creature running out of a heavily wooded area and into a swamp. Nowland refused to follow the creature into the swamp.

KASLO, BRITISH COLUMBIA 12/1/78 *Source: Lewiston Morning Tribune 12/8/78*

80-year old Ray Green, long term village mayor and alderman made casts of 17 inch footprints found in the West Kootenay by two deer hunters.

The mayor is convinced the prints are authentic and not a hoax due to the isolation of the area where they were found.

LANSING, MICHIGAN 12/2/78 *Source: Bay City, MI Times 2/16/79*

Morse Easterling, 53, was cleaning out his garage to make room for a second car, he told police, when as he was backing a car outside the driveway, he saw a big hairy ape-like beast in his rear view mirror that he thought at first was a large woman wearing a fur coat.

Easterling asked if he could be of any assistance and the creature ran rapidly away into his apple orchard.

WHEELING, WEST VIRGINIA 12/2/78 *Source: Wheeling, WV News Register 12/7/78*

22 year old Bethany College student, Beverly Fletcher was taking a shortcut through the woods when she spotted bare footprints 16 inches long in the snow. The prints showed a five foot stride and there were no other prints visible near the suspected bigfoot prints.

MILLINGTON, MICHIGAN 12/13/78 *Source: Millington, MI Herald 1/2/79*

Mrs. Diane Meharg was washing luncheon dishes at about 2:00 p.m. when a large dark object near the timberline, 300 yards away caught her attention as she looked out the kitchen window.

When she first saw the object, she thought it was on all four legs and might be a swamp deer. As she watched further, it stood on two legs and she thought it was a man in a snowmobile suit until she realized it was many times larger than a man.

As she watched the creature for 15 minutes, Mrs. Meharg noticed that it had long and heavy arms and no discernable neck.

TOLUCA, NORTH CAROLINA 12/21/78 *Source: Durham, NC Morning Herald 1/4/79; Morganton, NC News Herald 1/24/79; Gastonia, NC Gazette 1/17/79*

After quite a number of sightings of a large ape-like creature near Carpenter's knob in Cleveland County, area residents have dubbed the creature "Knobby." More than a dozen eyewitnesses described an animal covered with black fur with a flat face like an ape and standing upright over six feet tall. R. M. Newton said he passed the creature and then came back and watched it calmly munching vegetation. Many residents of the area are reporting a peculiar sound at night coming from Carpenter's Knob. They describe the cry as starting out as a low growl or the bellow of a bull and then getting higher pitched until it is a shrill scream that then merges into a yodeling sound.

KIRKLAND, WASHINGTON 12/31/78 *Source: Bellevue, WA Journal American 1/10/79*

27 year old Diana Johnson was checking the water supply to her family's horse pasture when she found a clear Bigfoot print in the icy stream. The track was one and half inches deep and was 10 inches wide at the ball. A search of nearby pastures turned up eight more prints-all 21 inches long and 10 inches wide at the ball.

BELLWOOD AND CASAR, NORTH CAROLINA 1/2/79 *Source: Shelby, NC Star 1/15/79*

Many residents of Eastern North Carolina continued reporting the same or similar creature previously reported at Carpenter's Knob. Area wildlife experts theorized the creature is ranging further afield in search of forage.

TOLUCA, NORTH CAROLINA 1/3/79 *Source: Gastonia, NC Gazette 1/17/79 & 1/21/79*

North Carolina's Knobby was on the move again with at least 20 new sightings reported. Not a particularly large Bigfoot, Knobby is reportedly only about six feet tall weighing about 200 pounds. According to the number of reports, Knobby's favorite haunts appear to be a local garbage dump and a pond.

TOLUCA, NORTH CAROLINA 1/15/79 *Source: Gastonia, NC Gazette 1/19/79*

A few new sightings near Toluca indicate that Knobby apparently still likes the area. About 200 creature hunters prowled the area but failed to turn up anything.

TOLUCA, NORTH CAROLINA 1/8/79 *Source: Charlotte, NC News 1/15/79*

The mysterious "Knobby" came back into the news as a hunter from Fallston reported finding tracks resembling those of an ape at the mouth of a deep cave. The hunter's flashlight was not strong enough to penetrate the full depths of the cave and area residents were not interested enough or brave enough to explore the cave believed to be a possible den for the six foot tall-black hairy creature seen in the area for about three weeks.

CUYAHOGA FALLS, OHIO 1/9/79 *Source: Akron, Ohio Beacon Journal 1/16/79*

John Nutter claimed that he had proof of his encounter with an apparent Bigfoot that has appeared in the area enough to be dubbed the "Minerva Monster." Nutter said that as he and his brother were walking in the woods near an abandoned strip mine, "Minerva" stepped out from behind a tree and he took a picture of it.

When the film was developed, nothing was found but out of focus images of trees and brush.

BLOOMINGDALE, OHIO 1/11/79 *Source: Steubenville, Ohio News Register 1/18/79*

Beverly Fletcher, a microbiology student at Ohio State University was walking in the woods near her home when she discovered several human like footprints in the snow and ice except for the fact they were 15 to 18 inches long. There have been other reports of strange creatures in the wooded area.

CLEVELAND COUNTY, NORTH CAROLINA 1/12/79 Source: *Shelby, NC Daily Star* 1/15/79

Carpenter's Knob Knobby was back after a number of area residents reported fleeting glimpses following the search of a cave believed to be being used as a den by the creature.

POLACCA, ARIZONA 1/13/79 Source: *Phoenix, AZ Arizona Republic* 2/11/79

A "large hairy humanoid creature with incredibly big feet" was sighted on a Hopi Indian Reservation. The first encounter was near the reservation Assembly of God Church causing every dog in the village to bark and disrupting church services. Hopi Tribal Police were called in and found smears of fresh blood on the church bus and extremely large but otherwise human appearing footprints. The tracks were followed to the precipitous wall of the nearby mesa where they disappeared.

Later that night the entire village was awakened by all of the dogs barking and one family looked out to see a large hairy creature standing near a tree in the moonlight. They said it seemed to have no neck but had a head as big as a pumpkin--a large pumpkin.

CASAR, NORTH CAROLINA 1/14/79 Source: *Charlotte, NC News* 11/15/79

"Knobby" became the topic of conversation again when Forest Price found a full grown goat, named Bill, dead of a broken neck and surrounded by large tracks and strange black hair. Price said that a few days earlier something brightened all of his farm animals causing a mule to break a rope and escape.

The Prices have reported hearing piercing screams every night for several weeks.

CASAR, NORTH CAROLINA 1/15/79 Source: *Charlotte, NC News* 1/18/79

At about 2:30 p.m., Mrs. Kay Price and her two younger sisters--Gaye and Wanda Smith--were driving on Highway 10 when Gaye screamed and Mrs. Smith made a U turn and all three saw "Knobby" standing near the road.

18 year old Gaye got out of the car and ran until she was within 150 feet of the creature that she described as over 6 foot 2 inches tall and more than 200 pounds. She said that the creature had a pinkish face covered with black hair that was shorter and less dense than on the rest of the body. It had wide nostrils. She said that as she watched, the creature jumped up onto the Cedar Park Dam and first crouched and then stood up and turned to face her. According to the witness, Knobby had extremely broad shoulders tapering to a narrow waist, large thighs tapering to thin legs and was covered with dense black and brown hair. She said there was something white on the dam beside Knobby that appeared to be a bird he had just killed.

POLACCA, ARIZONA 1/28/79 Source: *Arizona Republic-Phoenix, AZ* 2/11/79

Hopi Reservation Tribal Police were again called out to chase away "Hairy Harry" as some Hopis are beginning to call the hulking hair covered creature that sets all the village dogs barking and leaves huge footprints in the hardpan clay.

MONROE, NORTH CAROLINA 2/1/79 Source: *Rock Hill, SC Herald* 2/24/79

A number of new "eyeball" sightings of the elusive "Knobby" along with the discovery of new oversized footprints inspired a TV special on North Carolina's Bigfoot.

JACKSONVILLE, FLORIDA 2/25/79 Source: *Florida Times-Union, Jacksonville, FL* 3/27/79

Florida State Troopers stopped to assist four motorists with mechanical problems on the shoulder of Interstate 95 and were told of an encounter with an 8 foot tall hairy white humanoid that sounded "like a tank" going through the underbrush. The troopers said "they didn't see it, thank goodness."

HOPKINSVILLE, KY 3/1/79 Source: *Kentucky New Era - Hopkinsville, KY* 3/3/79

For the third night in a row, Kentucky State Police were deluges with calls about an 8 foot tall creature covered with hair that kept popping up between the 12 and 20 mile markers on Pennyrile Parkway. All reports said the creature was dark in color and walked upright. Police found nothing.

HOPKINSVILLE, KY 3/2/79 Source: *Evansville, IN Press* 3/3/79

The Kentucky Bigfoot has gotten braver after four nights of shyly walking along the roadside and motorists passing the 14 mile marker on the Pennyrile Parkway started re-

porting a seven to eight foot tall creature with long brown shaggy hair that kept darting out in front of the cars.

ILSLEY, KENTUCKY 3/7/79 *Source: Madisonville, Kentucky Messenger 3/8/79*

Sheriff's department deputies were called to a strip mine area to view some large footprints. Upon arrival they looked further and found some strange hair on the trunk of a tree and a dead dog hanging in the branches of the tree. More investigation revealed more large tracks around the entrance to a cave. The area is about 20 miles from the location of a week of Bigfoot sightings near Hopkinsville.

MONTE CRISTO, WASHINGTON 3/9/79 *Source: Northshore Citizen 4/18/79*

Six photos were taken of a blond Bigfoot standing in a swamp near a ghost town in the Cascade mountains. The creature is shown standing shoulder deep in the water. The authenticity of the photography is under investigation.

TUNICA, MISSISSIPPI 3/10/79 *Source: Tunica, MS Times Democrat 3/15/79*

The Tom Goffs were awakened in their Flower Lake residence in the middle of the night by a ruckers outside the house accompanied by an extremely foul odor.

TUNICA, MISSISSIPPI 3/11/79 *Source: Tunica, MS Times Democrat 3/15/79*

At 2:00 a.m., the Goffs were awakened by the neighborhood dogs howling and looked outside to see a seven to eight foot creature running around their yard and heading for the level. "We don't know what it was, said Tom Goff, but it sure as Hell stunk up the place."

TUNICA, MISSISSIPPI 3/12/79 *Source: Tunica, MS Times Democrat 3/18/79*

After two nights of visits by an upright walking hairy creature, Tom Goff had his married son bring a rifle and spend the night with his parents. At about 2:30 a.m. a commotion started outside and neighborhood dogs started howling. The Goffs looked out and saw the huge creature coming toward the front of the house and they grabbed their rifles and went out the back door. Coming around the side of the house both Goffs fired at the creature and the elder Goff believes he hit it with his .22 rifle and it retreated toward the levee.

After they were back inside the house, the creature returned and pushed in the front door shattering the door frame and causing the Goffs to run.

The next morning, an examination of the area by authorities revealed spots of blood around the door and in the yard and many 16 to 18 inch footprints in the yard. The Goffs said that during the encounter, the stench was overwhelming and must have come from the creature.

BARRIERE, BRITISH COLUMBIA 5/5/79 *Source: Rosenberg, OR News Review 5/7/79*

Tim Meissner and three friends were fishing on Dun Lake when they said they heard a high pitched screech that lasted for thirty seconds. They said they looked up and saw a seven to eight foot tall creature standing on the lake bank with its arms extended before it turned and ran into the woods. They crossed the lake and found the carcass of a deer with a broken neck that was hidden under a blanket of leaves and mass.

Meissner said he returned with a rifle and found himself 50 feet from a 9 foot tall hairy black creature with four foot wide shoulders and big glaring bright eyes. He said he pulled up his Remington rifle and fired, aiming for between the creatures eyes. He said it dropped at once to one knee and a hand but then quickly got up and ran away at an estimated 30 miles per hour--straight up an embankment.

MOUNT VERNON, VIRGINIA 5/11/79 *Source: The Washington Post 5/12/79*

Residents of an affluent residential area near George Washington's palatial estate were awakened as they have been for almost eight months by the inhuman screams coming from a nearby grove of trees.

Area residents home reported that everything from a Big Mac to yesterday's garbage that is left outside overnight disappears and that the screams frequently break up parties as well as peaceful night's sleep.

A platoon of Fairfax County Police entered the wood while a United States Park Police helicopter with a powerful searchlight hovered overhead but found and hear nothing.

Nearby residents said that as soon as the crowd packed and left, the screams began almost at once.

RUSSIAN BIGFOOT REPORTED

Dr. Ronald P. Anjard

With much interest in the American Bigfoot and the Himalayan Yeti, the Russians have recently reported numerous sightings of a "possible relation" of the Yeti. The Institute of Language, Literature and History of the Yakut Branch of the Academy of Sciences of the U.S.S.R. have collected much information on the creature locally known as "Chuchunaa" which means "outcast".

According to informants, the Chuchunaa is over 6 feet tall and while unable to speak, emits only a piercing whistle. A meat eater, he often steals food from settlements. An unusual encounter with a human causes the Chuchunaa to flee.

The Chuchunaa have been described as having arms hanging below their knees, barefoot, and dressed in skins. The face, much larger than a man's, has a protruding brow, long matted hair and a full beard.

According to Semen Nikolaev, a staff member of the Yakut Branch of the Academy, almost all witnesses speak of the Chuchunas as a reality with the fantastic details so characteristic of legends." Nikolaev may be admitting that the Chuchunaa represents the last surviving remnant of the "Palaeoasiatic aborigines" of Siberia according to Nature, 16 February 1978.

The Chuchunaa, along with the Yeti, the Australian and New Zealand creatures, and Bigfoot may well represent an evolutionary stage of man millions of years old. More and more sightings of similar creatures suggest their existence through major portions of the world.

SOVIET SCIENTIST SAYS WILD MAN NOT BIGFOOT

An Associated Press dispatch from Yakutsk, U.S.S.R. indicates that Soviet scientist I.S. Grovich has researched the origin of the Chuchuna or Arctic Wildman and feels that in reality it is an outcast of the Chukchis tribe of Siberia.

According to the findings of Grovich, which are being circulated in the Soviet Republic of Yakutia, the wildmen were tragic victims of tribal law and pagan cruelty among the Chukchi, a tiny tribe of natives who have inhabited the Arctic coast for hundreds of years.

Soviet scientists have acknowledged the existence of the Wildman for many years. He is known as Chuchuna, which means outcast in the Yakutian dialect. Scientists accept the fact that many stalk the frozen taiga, but they are referred to in the singular, Wild Man.

Grovich has spent 50 years interviewing and researching the Yakutsk before writing the first concrete theory on the Wild Man.

The Wild Man was first sighted in the late 1800s and descriptions of appearance, manners and behavior have changed little in the last 90 years.

The Wild man is said to stand more than six feet tall, is muscular and thin and wraps his body in bear or reindeer skins. He is said to be covered with long shaggy hair and to have long arms hanging below the knees.

The Wild Man eats raw meat and runs very well, using a bow and arrow with skill and throwing a spear with ease. He is often reported raiding settlements to steal food and to kidnap women.

Only a few incidents have been reported where Chuchuna attacked hunters or herdsman stumbling upon him. Most such events end with the Wild Man running away emitting a shriek. No reports have ever been found of Chuchuna killing a man, woman or child.

When Grovich first came to Olenyok in Siberia in 1922, he said the native fear of Chuchuna was so strong they would not go out at night alone for fear of an attack.

Evenki tribemen, who were most intimately acquainted with Chuchuna told Grovich that the creatures were inhabited by evil spirits and it meant certain death to cross its path.

Grovich was fascinated by the tales and quit his teaching position to spend the next 50 years researching his book.

Grovich says that the Wild Man was from the Chukchi tribe, pagan hunters who fed on sea animals and polar bears and hunted the icy oceans in rough hewn koyaks.

Sometimes during hunting expeditions, shifting arctic winds would blow some of the kayaks out to sea. Because the Chukchis could not swim this usually meant a certain death.

In a few instances, the wind would shift back and a few tribesmen would be blown back to shore. When they tried to return to their villages, they were driven out by friends and relatives, who believed them to be devils in disguise. In pagan cultures, no one can cheat death.

The bewildered tribesmen were driven into the frozen taiga without food, clothing or weapons and forbidden by tribal law to even speak to their relatives.

Grovich estimated that more than 100 Chukchi tribesmen were cast out into the wilderness and forced to adopt animal-like instincts to survive the isolation and intense cold and became more like beasts than human.

Some lost their minds, fleeing from strangers and unable to communicate because only the Chukchi spoke their dialect and any Chukchi meeting them would kill them--still believing them to be devils.

Grovich's theories explain why only men and not women are sighted, why the use of weapons and why they have never killed anyone and only communicate in shrill screams.

Grovich says that with the increase of education and retreat of paganism, the practice of creating the outcasts has stopped. It is not known how many Chuchuna survived since the last reliable sighting was in 1975.

PAPERS NEEDED FOR JOURNAL

One of the requirements of Participating membership in MARCEN is the submission of at least one paper per year for publication in the Journal. Few papers have been submitted thus far so we are asking all to please submit as soon as possible an appropriate paper on any area of unconventional phenomena that appeals to you or in which you have any expertise. We would like to have all papers documented as well as possible including your sources and bibliography. The copyrights for all papers submitted to MARCEN will be returned to the authors upon publication and otherwise remain the property of the authors.

Of particular apparent interest to a number of our members is theoretical works on any unconventional subjects. We already have a few papers in this area for publication in the near future and more are welcome.

Sustaining members of MARCEN and other readers of the journal are invited to also submit papers for publication MARCEN will not make content changes in any material submitted from any source that is chosen for publication. We reserve only the right to make grammatical changes and to reject any submission for any reason decided by the publications review panel.

BOOK REVIEWS

SASQUATCH The Apes Among Us By John Green *Cheam Publishing Ltd. Saanichton, B.C. and Hancock House Publishers, Inc. Seattle, Washington.* This the newest of John Green's books about Bigfoot is probably the best. It certainly is one of the most definitive works on Bigfoot in America yet published-well worth the \$15.00 price for 492 pages packed full of information both historical and up to date.

UFOs Interplanetary Visitors By Raymond Fowler *Exposition Press, Jericho, New York*
An excellent book by one of the most experienced UFO investigators of modern times-formerly a subcommittee chairman for NICAP and now director of investigations for MUFON. The title of the book conveys the author's views on the origin of UFOs. The book can almost be considered a primer for persons wanting to become UFO investigators.

THE SECRET OF ATLANTIS By Otto Muck *New York Times Books New York, New York*
For anyone interested in the legend of Atlantis, this book is a must that will leave you finishing it believing in a fact not a myth. Written by a German scientist and engineer who invented the submarine snorkel among other things. Muck (pronounced Mook) spent almost a lifetime researching this book and the results prove it. Every aspect of the author's hypothesis are extremely well documented and very convincing. All aspects of racial distribution; ocean currents; weather patterns and climatology; geological strata; astronomical events; and plant and animal life cycles worldwide; have been researched and brought into the hypothesis extremely convincingly. The author believes so strongly in his theory that he states precisely that the asteroid that crashed into the Earth and triggered a cataclysm that destroyed Atlantis in "One dreadful day and one dreadful night" struck at exactly 13:00 hours dateline on June 5, 8498 B.C. Fascinating reading even if not a believer in Atlantis.

MURMURS OF EARTH By Carl Sagan, Franke Drake, Ann Druyan, Timothy Ferris, Jan Lornberg, and Linda Salzman Sagan *Random House Publishers New York, New York* A fascinating account of the materials chosen to be placed aboard the Voyager spacecraft to tell any extra-terrestrial intelligences finding them the story of Earth and its peoples. The book tells what is aboard and why each item was chosen by the persons directly responsible for selecting the materials-the authors.

FLYING SAUCERS An Analysis of the Air Force Project Blue Book Special Report #14 By Dr. Leon Davidson *Blue Book Publishers White Plains, New York.* This book, well worth its modest \$5.95 price is a must for anyone just getting involved in studying the UFO phenomenon as well as more established researchers who may want to use it for much historical data, not readily available elsewhere and to learn of the often regarded as radical theories of Dr. Leon Davidson. Among the contents of the book are: U.S. Air Force UFO Press releases between 1949 and 1955; The CIA UFO Panel report of 1953; U.S. Air Force UFO regulation 200-2; The 1966 U.S. Air Force Project Blue Book release; The Final U.S. Air Force Summary after closing Project Blue Book in 1969; The full text of the U.S. Air Force Project Blue Book Special Report #14 and numerous articles by Dr. Davidson about the CIA and its role with UFOs.

UFOs Messengers of Deception By. Dr. Jacques Vallee *And/Or Press Berkeley, California*
Dr. Vallee's latest book has to be considered the most radical of his writings and appears to put him in the same camp with Dr. Davidson and Dr. Davidson's equation of ECM + CIA = UFO (ECM standing for electronic countermeasures or the science currently utilized in warfare to totally confuse radar and other electronic detection methods by creating false images and phantom information) After an elaborate and itself often confusing scenario leading up to his hypothesis, Dr. Vallee shares his beliefs that UFOs are an elaborate but total puton-a hoax to make the earth believe there will be an impending invasion from space, which theoretically should make all the warring tribes Of Earth stop fighting each other.

ANIMAL MUTILATION ROUNDUP

Mutilations of Cattle and other ranch animals continued at a fairly high rate during the first few months of 1979, primarily in Colorado, Kansas and New Mexico. Monthly maps will be published to illustrate trends or patterns in the mutilation phenomenon.

Kenneth M. Rommel, a veteran FBI Agent for the past 28 years has been appointed to conduct an all out investigation of the mutilations from an office in Santa Fe, N.M. The 54-year old Rommel is retiring from the FBI to begin the position May 29.

\$50,000 has been appropriated to fund the year-long investigation being overseen by Santa Fe District Attorney Eloy Martinez. Rommel will be using the FBI Laboratories in Washington, D.C. to assist with the investigation.

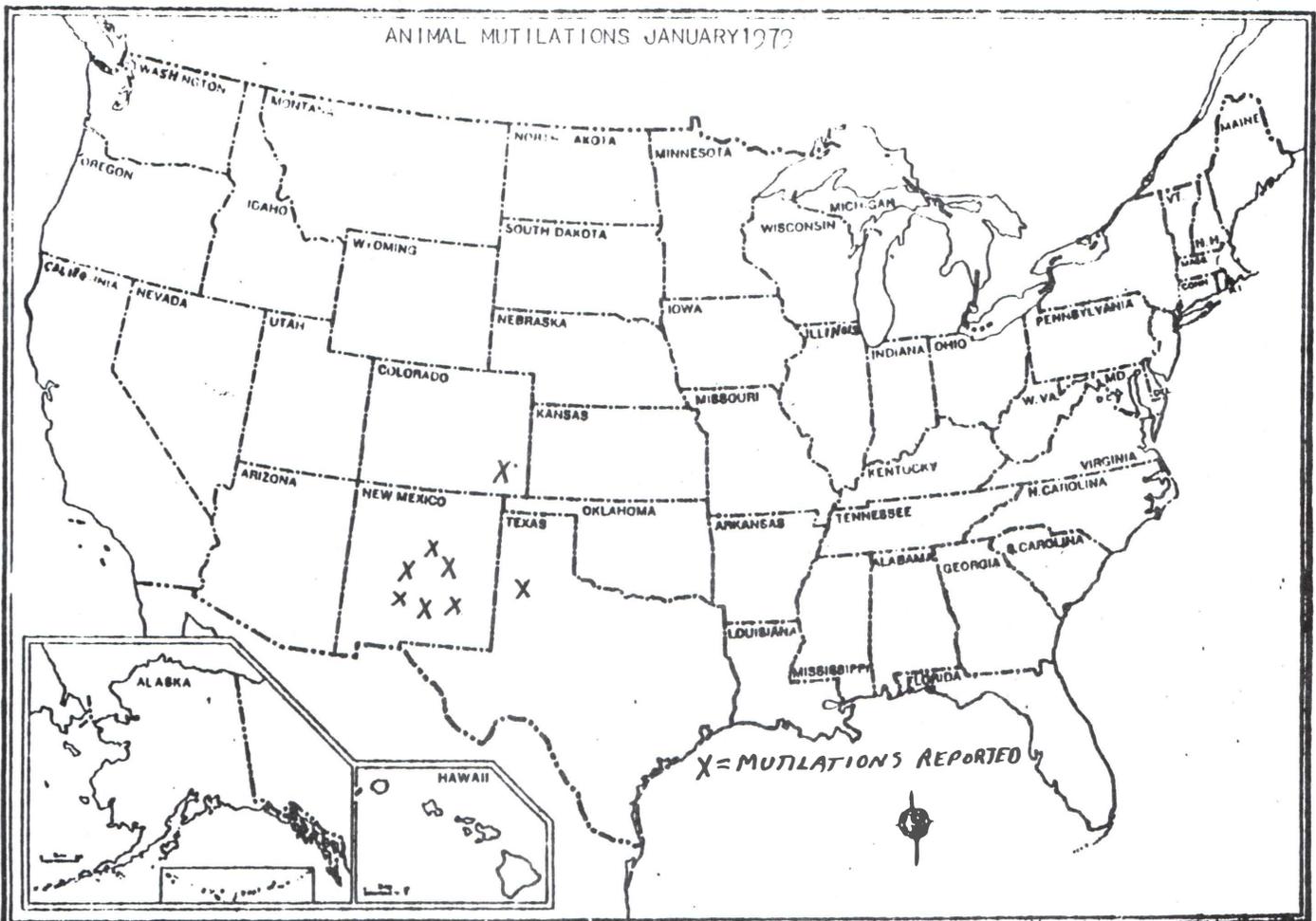
Rommel said he expects the cooperation of the FBI, State Police and other law enforcement officials in order to conclude the investigation with successful criminal prosecutions.

Between 8,000 and 10,000 mutilation cases have been reported in the United States since 1970.

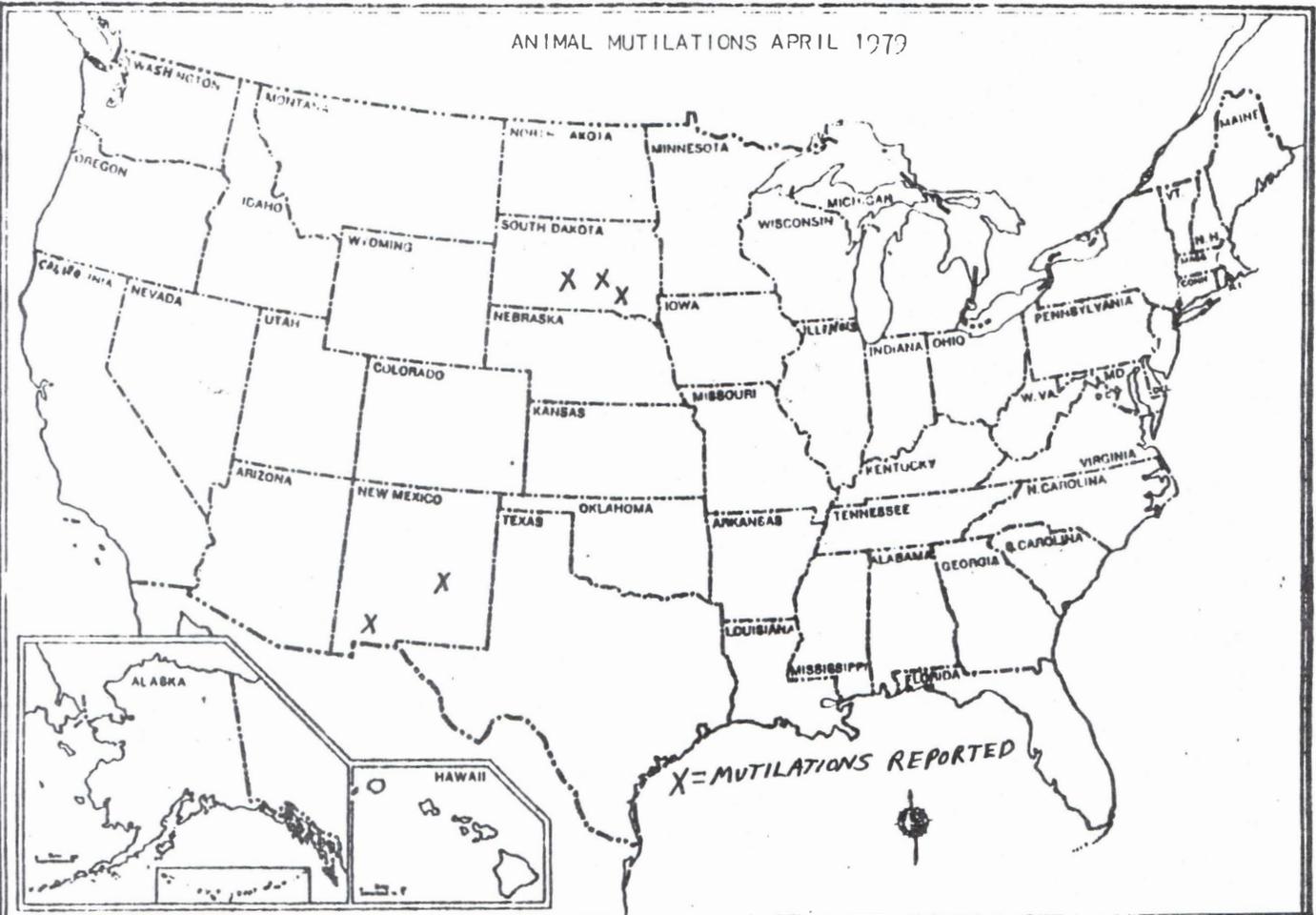
At a day long conference about mutilations conducted in Albuquerque, N.M. by U.S. Senator Harrison Schmitt, a number of the ranchers in attendance conjectured that the mutilations are the work of a band of powerful large ranchers who have hired bands of modern day rustlers with helicopters to perform the mutilations in such a way as to frighten the smaller ranchers away from their ranches, leaving all of the land for the mammoth ranches.

Mounting evidence seems to be present in a number of reports coming to MARCEN that someone using a fleet of black-painted helicopters, who are trying to look like UFOs, are at least partially responsible for many of the mutilations.

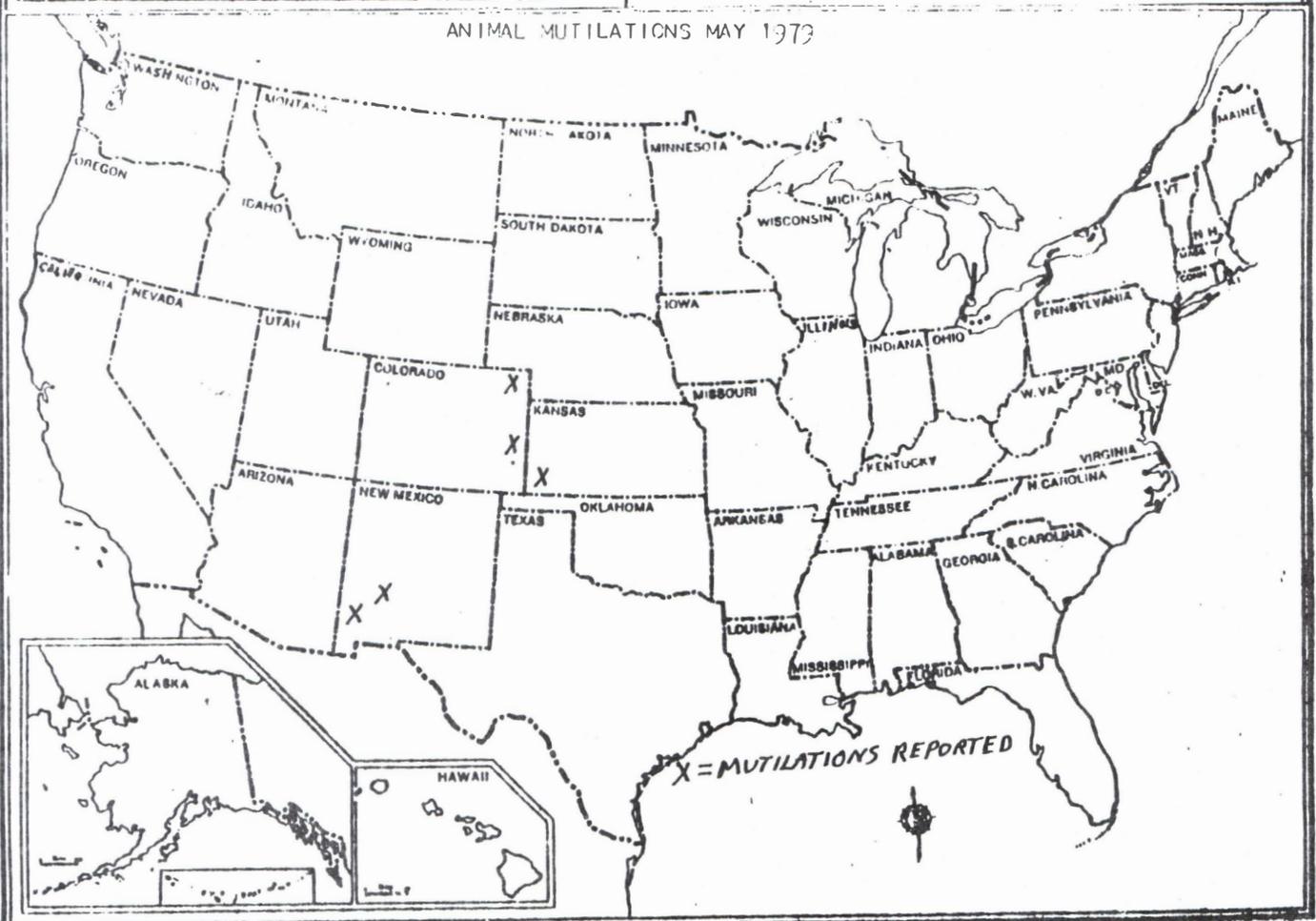
It appears to MARCEN to be another case of disinformation for a purpose not understood by us at this time. We plan to continue following the phenomenon until there is a resolution or more positive evidence.



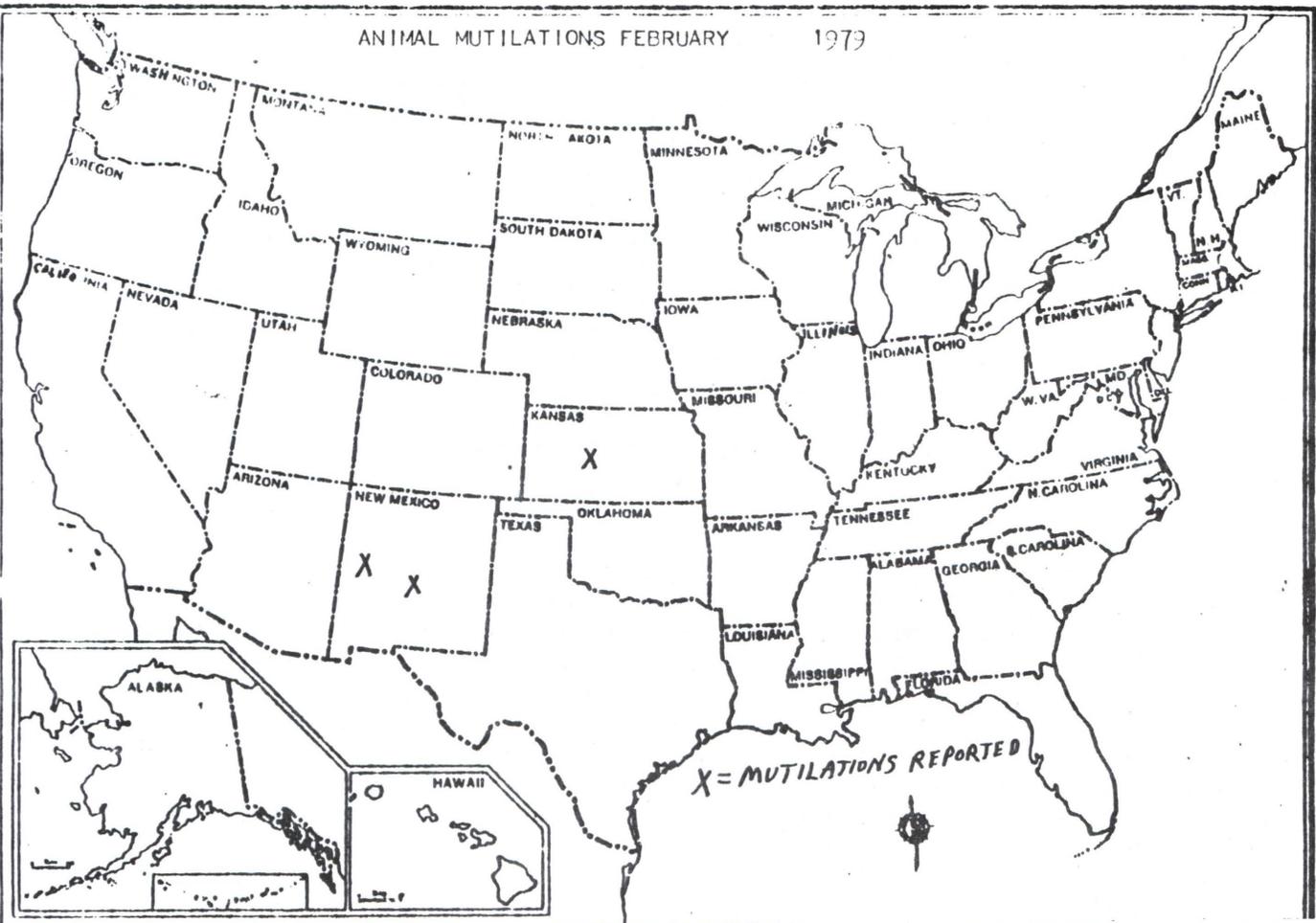
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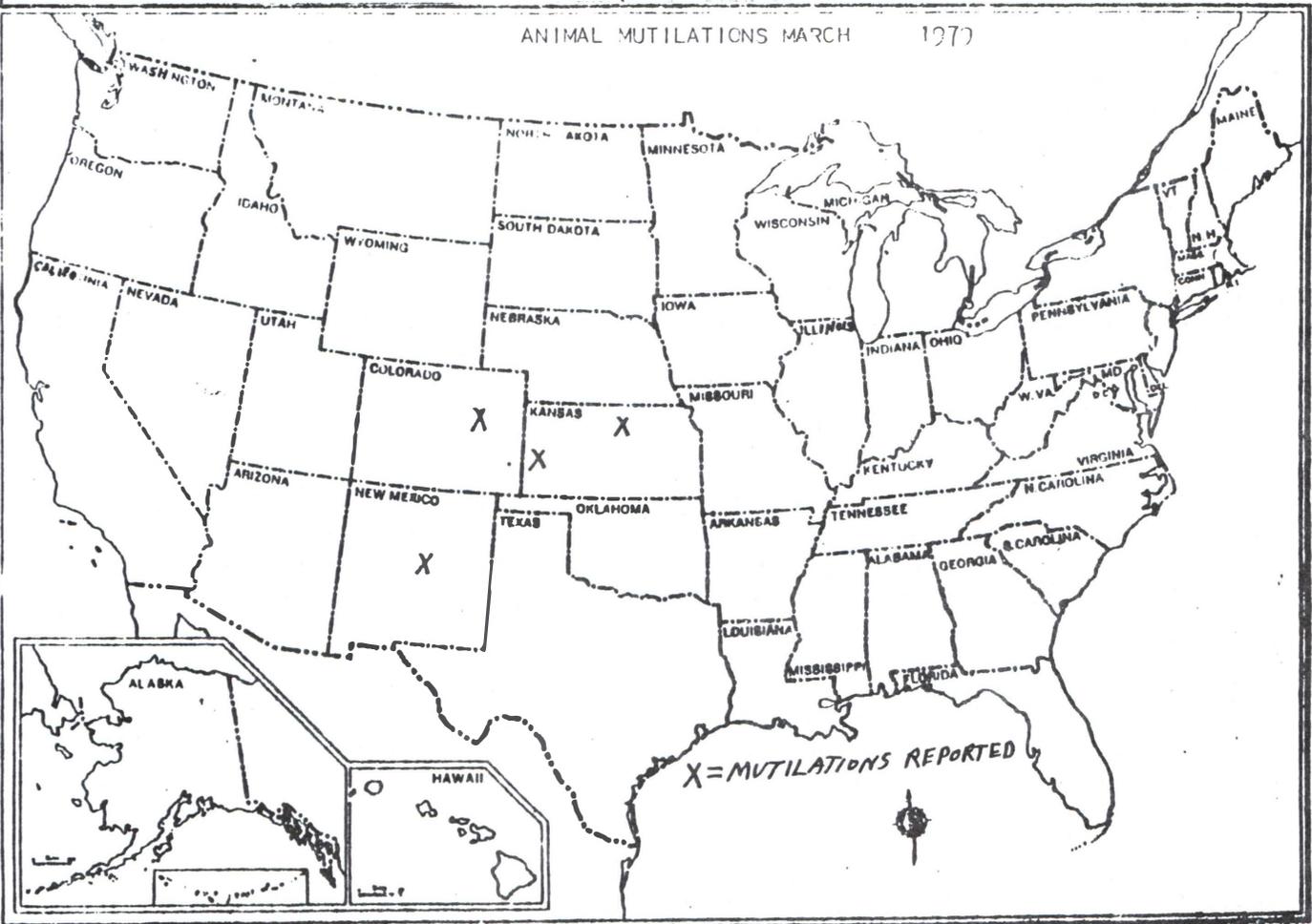
ANIMAL MUTILATIONS MAY 1979



ANIMAL MUTILATIONS FEBRUARY 1979



ANIMAL MUTILATIONS MARCH 1979



NEVAVARY, CORNWALL, ENGLAND 1/18/79 Source: *West Cumberland Times Cockermonth, England* 1/20/79

British police are looking into the possibility that the many UFO reports in the area are connected with the bizarre deaths of many animals at the Cornwall zoo. Three ducks, a goose, a swan and two wallabies were found dead. Some of the birds had been decapitated. All of the carcasses showed an unusually high radiation reading, which could not be explained.

MALAGA, NEW MEXICO 1/18/79 Source: *Current Argus, Carlsbad, NM* 1/29/79; *Daily Press Artesia, NM* 1/25/79; *Sun News, Las Cruces, NM* 1/28/79 and 2/4/79.

Four prize mares valued at approximately \$15,000 and all carrying foals were found dead on the Clarence McDonald ranch. Three of the horses had been badly mutilated with large portions of flesh missing from the hindquarters and necks. One mare was cut around the eye sockets and nostrils and one ear was cut off.

An autopsy performed on the horses indicated they died of toxic hepatitis, possibly from eating plants containing high levels of silenium, but could not explain the mutilations.

DURAN, NEW MEXICO 1/29/79 Source: *Torance County Citizen, Corrizozo, NM* 2/1/79

A 200 pound six month old angus steer was found dead by its owners. The ears had been cut off, the scrotum cut and the penis removed. A six inch circular patch of hair was missing from each side of the ribcage and there were lacerations inside each circle.

Snow was melted from around the carcass by apparent body heat indicating the animal had not been dead long. No blood was found on the ground around the carcass or around any of the wounds, according to sheriffs deputy Richard Odell.

A fish and wildlife trapper called to the scene emphasized that the steer had not been bothered by any predators. In fact, he said, dog tracks were found in the snow but the dog did not go near the carcass.

A dissection of the steer revealed virtually no blood in the body, a broken neck and surgical type incisions around the wounds.

ESPAVOLA, NEW MEXICO 2/6/79 Source: *The New Mexican, Santa Fe, NM* 2/15/79

A 900 pound steer was found on a Rio Arriba County ranch rangeland with its penis, scrotum and ears removed. There was apparently no blood in the carcass and two small puncture wounds were found in the jugular vein.

HARPER, KANSAS 2/9/79 Source: *Harper, Kansas Advocate* 2/22/79

An 850 pound Hereford heifer was found in a field four miles north of Harper with one eye missing and hind portions containing its genitals cut out and missing.

A large amount of blood was found near the creek where the animal was apparently killed and then dragged to where it was found. The tracks of a four-wheel drive vehicle were found.

DULCE, NEW MEXICO 2/15/79 Source: *Albuquerque New Mexico Journal* 5/2/79

An 1100 pound bull was found with its genitals, tongue and ears missing, according to State Policeman Gabe Valdez.

Since the animal was believed to have been found within three hours of death a laboratory study was made of its body fluids and resulted in the discovery of citric acid and chloropromazine. The citric acid may have been used as an anti-coagulant to facilitate removal of the animal's blood and the chloropromazine is a depressent and tranquilizer used primarily in the treatment of schizophrenics.

CAMP CREEK, KANSAS 2/14/79 Source: *Atchison, KS Globe* 3/15/79

Atchison County sheriff's deputies reported the discovery of a cow and two hogs found killed with all sex organs and various other body parts cut away apparently surgically.

There was little if any blood found in any of the carcasses and no clues as to who or why.

ATCHISON, KANSAS 3/14/79 Source: *Atchison, KS Globe* 3/15/79

The third mutilation of the year for Kansas was found with the discovery of a 200

pound bull calf, belonging to Corpstein and Penning Farms, in a pasture near the old Walnut Creek Inn. Undersheriff Al Heidrich said the reproductive organs, tongue, and an ear had been surgically removed. No evidence was found of natural predators.

PINE RIDGE, SOUTH DAKOTA 4/14/79 *Source: The Huron, SD Daily Plainsman 4/18/79*

Three cows were found dead with four feet in the air and their sexual organs removed on the Oglala Sioux Indian Reservation according to tribal police.

There was no sign of any blood on or around any of the carcasses according to Whirlwind Horse the Bureau of Indian Affairs Agency superintendent.

ANTON CHICO, NEW MEXICO 5/1/79 *Source: Santa Rosa, NM News 5/3/79*

A six year old cow due to give birth in less than three weeks was found dead in a dirt bank watering trough with its udder and sexual organs sliced away. This was the second such incident in the immediate area within the last 6-8 months.

THE MYSTERY OF THE UKRAINIAN STELES

By Dr. Ronald P. Anjard

The Mayans of Mesoamerica had elaborately carved steles which were carefully dated for all posterity. There are many steles in the British Isles and France. Stones are carved with ancient ogham script. Some scientists have speculated that these stones were also used for astological sightings. Recently there have been repeated discoveries in both Eastern and Western Europes. The incised anthropomorphic images are intriguing archeologists and historians.

Numerous Russian Steles

The Russian steles are rectangular stone slabs with a protrusion in the form of a head, a well-defined face, arms, waist, ribs and shoulders. More than sixty of these steles have reportedly been found. The first Russian stele was found in 1872 at Nataleuka, a village near Zaporozhye in the Ukraine. Recently these mysterious stones have been found in the north of the Ukraine, the Northern Caucasus, middle region of the Dnieper, Soviet Moldavia and Romania. Similar steles have been found as far west as France.

Archeologists have dated these back to the Copperstone and Bronze ages, i.e. 3000-2000 B.C. Scientists are still unable to determine to which ancient culture they belonged. The mystery is increased because of the very broad distribution which doesn't correspond to any known ancient peoples.

The Mysterious Kernosovka Stele

With the discovery of another stele in the Ukraine in 1973, their origin has been re-established as 5000 B.C. According to the head of the Archeological Department at the Dnepropetrovsk Historical Museum, Lyudmila Krilova, this finding identifies a previously unknown Eastern European civilization. "None of the anthropomorphic steles found so far carried so many depictions," Krilova stated. The Museum's collection already included the original Nataleuka stele and two others found in 1965 at the village of Shiroky near Zaporozhye.

Clues from a Prehistoric Cemetery

At the Shiroky site, a mound contained eleven graves similar to the so-called Pit culture and is dated between 3000-2000 B.C. The major difference is that the Pit graves are usually rectangular while the graves at Shiroky are an exaggerated oval shape. Archeologists have since established that there are actually three distinct groups. Scientist determined that the steles belonged to the Ingulet culture. Their graves were the oldest graves at this site. Similar graves, found later in several areas of the Ukraine, Moldavia and the Northern Caucasus, allowed archeologists to determine the Ingulet territory.

A comparison of the objects carved into the Kernosovka stele with grave objects indicates that these mysterious steles were made by a culture derived from three sources--the Ingulets, Maikop and Tripolye cultures.

Interpretations of the Symbols

The Kernosovka stele has unusual features. Being only four feet tall, it is not a God. Having a tail suggests that the figure represents a priest. The ancient shamans of YaKuts and other peoples usually wore tails during their ceremonies. The bearded face, bald head and pierced ears all further support the priest concept.

Another interesting feature is that the figure is of a man but with a woman's breast. A small human form below the waist appears to represent a child in a womb. On the left, side of the stele, the infant passes from the father's womb to the mother's. This has been related to the transition from a matriarchal culture to a patriarchy. This is supported by legend.

On its back there appears to be the tools of early metallurgists. There appears to be a crucible and a primitive furnace. Historically the ancient shamans were metal workers who kept their skills secret. According to G. Tarassova, as late as the 19th century the Russian peasants believed "the village blacksmith was a sorcerer who performed deeds beyond the understandings of ordinary men.

Other tools and weapons are carved into the stele. On the front, there's a bow and arrow, a spear, a knife, two stone axes and a tool which appears to be a hoe. Two horses are also shown heading toward a corral.

There is a backbone and ribs carved on the back. Thirteen ribs are on one side; fourteen on the other. Krilova theorized that this represented the tree of life.

Present Russian Research

There are similarities in the meaning of the symbols with concepts presented in the ancient Indian text, Rig-Veda. but there are only suppositions. The Rig-Veda has been attributed to the Aryan tribes which settled in India about 2000 B.C. Quoting further, "yet, we know, if only from the stone axes on the Kernosovka stele, that it dates from the latter half of the third millennium, B.C. This dating, together with the fact that it was found in the middle Dnieper basin in Eastern Europe point to the need to reconsider present scholarly views regarding the movements of Aryan tribes and other scientific concepts."

I have personally contacted several agencies including Russian authorities to obtain an update and photographs of various steles. To date, no answer has been received.

Conclusions

In this modern period, archeological mysteries are still being uncovered in many regions of the world. Artifacts from new cultures are being analyzed in depth. Time bases are being pushed back. Through efforts such as this, we are learning more about the ancient history of mankind. There are still many mysteries and so much to be understood.

ERRATUM

BECAUSE THE JOURNAL IS PRINTED AT DIFFERENT TIMES IN DIFFERENT SECTIONS, SOME COPIES WERE PRINTED WITH A NUMBER OF ANIMAL MUTILATION REPORTS OUT OF SEQUENCE AND INTERSPERSED WITH THE UFO REPORTS. IF THIS IS SUCH A COPY, WE APOLOGIZE FOR THE ERROR BUT YOU WILL BE ABLE TO READILY DISTINGUISH BETWEEN THE REPORTS AS YOU READ THE SECTION.

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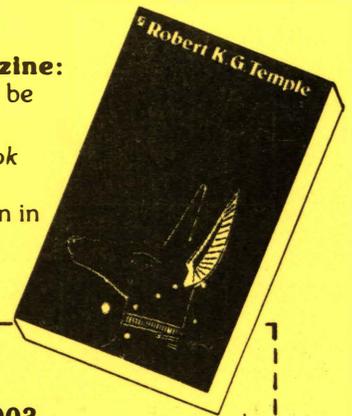
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