

Minnesota MUFON Journal

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Directors Report

By Bill McNeff, State Director, Minnesota MUFON

ELECTRONIC EVIDENCE

Over the past few years, I have received what could be termed "electronic evidence": Readings from electronic instruments, pictures taken on digital cameras, and videos from video cameras. Such evidence is important, and potentially enlightening, but cannot be considered probative unless obtained under scientifically controlled conditions. Unfortunately, none of the evidence I will describe below was obtained under such conditions. But it is still very provocative and may teach us something.

Some of this evidence was obtained by persons I would call experiencers. The generally accepted definition of an "experiencer" is a person who recalls experiences that seem to be related to UFOs or ETs since the ufologist cannot tell for certain if these experiences are real, this allows for cases where the source of the experience is a hallucination.

An experiencer I will call "Andy", who is a computer software engineer and is knowledgeable about electronics, has installed a setup which includes a computer, a couple of video cameras, and software called "Gotcha" which continually analyzes video from one of the cameras and looks for objects which are moving within a certain range of speed, that is, faster than the motion of a planet thru the sky. On January 28, 2002, he had a video camera capable of picking up infrared, which was mounted on his garage and looking at his front yard, connected to the computer. At 3:10 AM, it detected and recorded several seconds of video of three lights, one perhaps softball size and two smaller ones about ping-pong ball size, which appeared near his pole lamp, moved to the left and closer to the house, then moved to the right and away from the house. I have received four stills from this video, as well as an "AVI" file of the video itself. Each of the still frames show signs of strong electronic interference. Part of this interference appears to be "sync pulses" in the picture frame; ordinarily, these pulses are transmitted in between the picture frames, and are used to synchronize the picture tube displaying the video. The extra sync pulses indicate that the sync generating circuit was being triggered by noise. Andy said that this interference had appeared many times before, usually in the early hours of the morning, and even changing the cable that runs from the camera to the computer to a triple shielded cable did not stop the interference.

On January 18., 2001, his setup had previously caught an object. He e-mailed me that same day, saying, "You know how we have discussed using Gotcha experimentally to watch the sky for possible unidentified airborne object type sightings..."



Minnesota Mufon Meetings

Sat., Mar. 9th
&

Sat., Apr. 13th
1:30-5pm

New Brighton Family
Service Center, 400 - 10th St.
NW (located 1/4-mile S.W.
of Hwy 694 and 35W.)

PARK FREE!

The building is designated as
non-smoking.

See map on back cover

Note: This building has no
special security or elevators,
so you can come and go as
you please and smoke
outdoors.

As you know I have been experimenting with this idea in what you MUFON people would call a hot bed, or a documented abductions site...

I have picked up some unusual objects, this one last night was most interesting.., the original is impossible again to send because of dial up access since it [is] 15 megs in length." More recently he got some software which allowed him to compress the video into an AVI file and send it to me.

The main object in the video was a fat, round light which moved from upper left to lower right, and which appeared to have a smaller object trailing it. I had seen a similar pair of objects in a video taken by Darrel Djos in St. Paul. Andy also wrote, "It's movement was from south to southwest... It's not Venus nor any star type activity since the camera sits in the same place night after night... The object moved too fast to have been a planet but too slow to have been a plane."

Andy also had a temperature sensor, part of a Seattle Weather Station (brand name), wired to one of his computers, which was recording the temperatures. On several occasions in the past two years, when it had been on the order of 0 to 20 degrees F outside, the record showed a sudden jump to about 70 degrees F for a short time only. These events took place at around 3:00 to 4:00 AM, which are believed to be a prime time for alien abductions. Andy also believed that on at least a couple of these occasions, something unusual had happened in his home.

On August 24, 2001, I received the following e-mail from another friend, whom I will call W.J., who is also an experiencer: "Bill. ...This morning, my weather station alert sounded (I have it set for 100 degrees)... it happened at exactly 4 AM. The temp around my outside sensor was 102 degrees... the sensor is located on our back screened-in porch. Have you heard of similar incidents?" I referred him to Andy, who is also a friend of his.

Finally, on one occasion in the spring (approx. May of 2000), Andy's camera/computer setup caught a white Frisbee-like object darting south along the street in front of his house, in broad daylight. This was captured in two frames of video only, but "Gotcha" caused the computer to sound an alarm and on checking, he found the pictures. The first frame shows the object on a slight downward trajectory, and the second shows it on an upward course. This represents a maneuver that I don't

believe even a Frisbee champion could produce. The object is somewhere between the trees across the street and the camera. It appears to be on the order of a foot in diameter and around 75 feet away, but of course these estimates could be off by a factor of two or more.

Once again, since it would be possible to fake all of these pictures or readings, they do not prove anything. But there is an awful lot of smoke here for there not to be any fire. These events give hope that projects like the Ambient Monitoring Project, being carried out jointly by three UFO research organizations, including MUFON, could get some actual scientific proof that UFOs cause various physical effects.

**FIFTY YEARS OF THE INVENTION
SECRECY ACT
SECRECY NEWS from the FAS Project
on Government Secrecy,
Volume 2002, Issue No. 13, 2/20/2002**

Under the Invention Secrecy Act of 1951, the government is authorized to impose a "secrecy order" on a patent application whenever it finds that disclosure of the patent would be "detrimental to the national security." In an extraordinary and possibly unconstitutional limitation on First Amendment freedom, the inventor is prohibited by law from disclosing his invention.

At the end of last year (FY01), there were 4,736 such secrecy orders in effect, according to statistics compiled by the Patent and Trademark Office that were released under the Freedom of Information Act this week.

Most of these were renewals of secrecy orders that originated in past years, but there were 83 new orders during 2001. Of these, more than half (44) were imposed on private inventors or businesses who were not government contractors. Because the government has no property interest in such inventions, these so-called "John Doe" secrecy orders raise the most substantial concerns about constitutionality.

The new invention secrecy statistics are tabulated here: <http://www.fas.org/sgp/othergov/invention/statshtml>

In one 1980 lawsuit, an inventor sued the government for damages resulting from the imposition of a secrecy order on his invention. The

inventor argued that because of the secrecy order: He was unable to obtain needed loans for the development of his invention; he lost prospective users because he could not demonstrate the invention; and he lost substantial attorneys fees attempting to have the secrecy order rescinded.

The court ruled that all of these losses were subject to compensation. (Constant v. United States, 617 F.2d 239 (Ct. Cl. 1980)).

A 1997 law review article by Sabin H. Lee concluded that “Many secrecy orders issued during peacetime would be found unconstitutional because such orders do not possess the requisite direct, immediate, and irreparable danger to national security.”

A link to this law review article and other resources concerning the Invention Secrecy Act of 1951 is here: <http://www.fas.org/sgp/othergov/invention/index.html>

Hidden Physics

There are two levels of physics: physics in Academia and physics as used in secret Black Ops projects. The Academia physics is on public display, the other is secret. But sometimes the secret comes out, for example:

Kip Thorne, in his book *Black Holes and Time Warps*, says: “The adaptation of bomb design codes to simulate stellar implosion is just one of many intimate connections between nuclear weapons and astrophysics. These connections were obvious to Sakharov in 1948. Upon being ordered to join Tamm’s bomb design team, he embarked on a study of astrophysics to prepare himself. My own nose was rubbed into the connection unexpectedly in 1969.”

“I never really wanted to know what the Teller-Ulam/Sakharov-Zel’dovich idea was. [The principle by which hydrogen bombs work.] The super-bomb, one by virtue of their idea could be “arbitrarily powerful,” seemed obscene to me, and I didn’t want even to speculate about how it worked. [But Thorne was speculating about implosion of stars when undergoing supernova, and both ideas were connected.] But my quest to understand the possible roles of neutron stars in the Universe forced the Teller-Ulam idea into my consciousness.” “Zel’dovich, several years earlier, had pointed out that gas from interstellar space or a

nearby star, falling onto a neutron star, should heat up and shine brightly...”

Thinking on this led Thorne to wonder the X-rays being emitted from the neutron star interacting with the infalling gas: “...Wouldn’t tongues of gas eat their way into the X-rays, and wouldn’t the gas then fall freely down those tongues, destroying Zel’dovich’s self-regulated flow i.e. would X-rays mess up the flow of infalling gas into the neutron star? An effect that is called Rayleigh-Taylor phenomenon.

Thorne continues: “A detailed calculation with the laws of physics could tell me whether this happens, but such a calculation would be very complex and time consuming; so, rather than calculate, I asked Zel’dovich one afternoon in 1969, when we were discussing physics in his apartment in Moscow.”

“Zel’dovich looked a bit uncomfortable when I asked the question,...” He looked uncomfortable, because Thorne had asked him for a nuclear weapons secret, and Zel’dovich would have been sworn to secrecy about such things. Thorne was in ‘open’ Academia physics thinking about neutron stars, and had stumbled onto asking for an A-Bomb secret. No wonder Zel’dovich felt uncomfortable. Being in Russia, he would be probably worrying about KGB. A friendly conversation about neutron stars, supposedly nothing to do with A Bombs, suddenly was onto that national security issue.

...his answer was firm: “No Kip, that doesn’t happen. There are no tongues into the X-rays. The gas flow is stable.” “How do you know, Yakov Borisovich?” I asked. Amazingly, I could not get an answer.” Not too amazing. Zel’dovich had already said too much. But Thorne had not realised that at the time. “It seemed clear that Zel’dovich or somebody had done the detailed calculation or experiment showing that X-rays can push hard on gas without Rayleigh-Taylor tongues destroying the push, but Zel’dovich could not point me to any such calculation or experiment in the published literature...”

Not much of a surprise: the experiment or calculation is done, and not allowed to be written up in the ‘open’ Academia literature. Thus Academia is kept in the ‘dark’ about any physics connected to national security issues.

Thorne continues: “...nor could he describe for me the detailed physics that goes on. How

uncharacteristic of him!" As I said Zel'dovich had already said too much, he knew something he was not supposed to talk about, so he couldn't back up what he had said.

A few months, later Thorne asked a Western physicist - Stirling Colgate: "...I posed to Colgate the same question I had asked of Zel'dovich, and he gave the same answer... "How do you know, Stirling?" I asked. "It has been shown," he replied. "Where can I find the calculations or experiments?" I asked. "I don't know..."

"That's very peculiar," I told Stirling. 'Zel'dovich told me precisely the same thing . the flow is stable. But he, like you, would not point me to any proofs." "Oh! That's fascinating. So Zel'dovich really knew," said Stirling." "And then I knew as well. I hadn't wanted to know."

The 'penny had dropped'. Stirling now knew that Zel'dovich knew that particular A-bomb secret. And Thorne now knew the answer to his question was an A Bomb secret. And the secret was: "...the conclusion was unavoidable. The Teller-Ulam idea must be the use of X rays emitted in the first microsecond of the fission (atomic bomb) trigger, to heat, help compress, and ignite the super-bomb's fusion fuel."

Wow, quite a secret to reveal in an ordinary book. Thorne continues: "That this is, indeed, part of the Teller-Ulam idea was confirmed in the 1980s in several unclassified American publications, otherwise I would not mention it here."

So, it is now an old secret. Academia physics of the 1980s has caught up in that area with the hidden physics of the 1950s. A thirty year lag behind revealing physics secrets in this area. But there must be other secrets. It was just becoming too hard to keep this particular secret.

It is the secrecy in physics that is one of the factors in covering up the solution to UFOs.

Academia physicists can state such things as there is no physics reason for believing any ETH connection to reported UFOs and then proceed to debunk or allow others to debunk such believers in ETH. But such Academia physics is only half the picture, and a very restricted picture at that. If physics were unfettered what solutions would we find to UFOs? As it is we have Academia physics corrupted in not knowing the full facts for them to

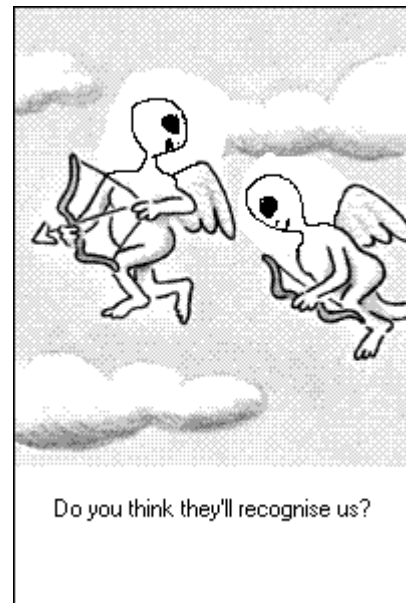
be able to know the true physics picture. And the full picture is theory in the tradition of Newton-Boscovich-Einstein-Tesla.

Is this sufficient proof for physics Cover-up and by implication UFO physics Cover-up? Or are people still of the opinion that it is too easy to shout 'Cover-up' whenever engaged in UFO investigation?

The answer to UFOs we are not expected to know. But the physics paper trail reveals lots. Of particular interest are the 'gaps' in Academia physics. What is not said, can be more illuminating than what is said. As Sherlock Holmes points out in one case . the mysterious clue of the dog barking. Dr Watson said but the dog did not bark. Precisely, Holmes says, the mystery of why the dog did not bark, when the crime was being committed. That clue did not fit in with the other clues left behind. The other clues turned out to be the 'red herrings'. The 'gaps' are harder for those in the know to cover up.

The Greatest Theoretical Physicist was Roger Boscovich. It is quite a mysterious gap that Academia hardly ever mentions him. Must be too connected to national security, or else someone would blab.

Reference: Black Holes and Time Warps, Kip Thorne, W W Norton, UK 1994, 1995, p 241-243.



John Mack
by Richard Moss, MN MUFON ASD

John Mack is a professor of psychiatry at the Harvard Medical School and has forty years of clinical psychiatric education and experience. He explores the question of identity - how we experience ourselves in relation to both people and other life forms on our planet.

In 1969 he founded the Department of Psychiatry at the Cambridge Hospital. and in 1983 he testified before Congress on the psychological impact of the nuclear arms race on children and adolescents.

In 1992, Dr. Mack co-chaired the Conference Committee for the well-known Abduction Study Conference held at MIT. A year later he founded the Program for Extraordinary Experience Research (PEER) to explore anomalous experiences. He and his peers have worked with over 200 people from six continents who have encountered unknown intelligences and has encouraged people in other disciplines to apply their talents to this exploration.

Dr. Mack has written ten books, two of which deal with the UFO experiencer phenomenon. They were 'Abduction' in 1994, and 'Passport to the Cosmos' in 1999.

At the 2001 MUFON International UFO Symposium in Irvine, California, he delivered a presentation titled Witnessing: Abductees as Sacred Truth-Tellers.

He has been working with people from various cultures who have reported life-changing experiences with human-like beings, apparently from other dimensions. This has resulted in an appreciation of the problems anybody would have in thinking about matters that are so far removed from the bounds of reality as defined by our education and upbringing.

Although some abductees have marks on their bodies and corroboration from other people, Mack is basically interested in their experiences, or in the reports themselves.

It is his view that science radically separates the objective from the subjective. The objective world of matter and energy is considered to be synonymous with reality. This knowledge is obtained by application of the scientific method and if this method cannot prove the existence of UFO

encounters, then such reports are dismissed to the purgatory of the subjective.

Dr. Mack quotes Duke University biology professor Matt Cantwell as stating that "being conscious is the same thing as having private experiences, and the scientific method is committed to the assumption that private experiences don't count as evidence."

Replicability is a cornerstone of the scientific method. But, regarding UFOs, repetitions of patterns under controlled conditions do not happen. Events are random. What we have is the repetitive occurrence of experiences made by reliable informants.

It is Mack's idea that a way to evaluate such testimony must be developed. He uses the term "Witnessing" to refer to testimony conveyed in such a way that we have reason to accept it in its own right. An authentic Witness is, by definition, a teller of truth.

Quoting philosopher C. A. J. Coady, Mack said that there are people who reject any report that violates a law of nature. This attitude is dangerous because that person is immunized against taking in anything new or anomalous.

One criterion in determining the truthfulness of a Witness has to do with selflessness. Has the person in some way been taken over by the experience? Is there an awareness that the experiencers have been so deeply affected by their encounters that they become transformed in some important way?

Witnessing can occur at four levels. At the first level are the people who experienced the event. At the second level are those who hear directly from the first-level Witnesses. At the third level are audiences who are open to learning about what has occurred. Affected more slowly is the fourth level, society as a whole. Experiencer Lisa Oakman is quoted, "Witnessing is held in the body. One cannot report as a Witness unless one has been changed by the experience. Experiences that involve initiation, sacrifice and terror lead to absolute change. If I am a good Witness, the fire in me should reach the fourth-level audience."

Dr. Mack credits Monsignor Corrado Balducci, senior Vatican "demonologist," with helping him to understand the profound moral aspect of Witnessing. He pointed out that Witnessing

provides the foundation for everyday life, and that there are terrible social and religious consequences for rejecting the testimonies of authentic Witnesses. Our everyday lives are based on implicit witnessing. The trust of children in their parents or teachers depends on a faith in their reliability as witnesses.

Mack closes by saying that Father Balducci, Lisa Oakman and others have enabled him to see the immorality, sometimes unintended, of the way we treat abductees and other Witnesses of extraordinary experiences.

As usual, this is a much condensed summary of what I consider to be the key points in Dr. John Mack's presentation at the MUFON Symposium.

Some of it is given verbatim and some of it is paraphrased.

Anyone wishing to read the full transcript is encouraged to obtain a copy of the MUFON 2001 International UFO Symposium Proceedings. It can be obtained from MUFON, PC Box 369, Morrison CO 80465-0369 for \$28.50.

Videos of Symposium speakers are available from Dennis Whipple in Paramount, California. Call 562-633-9981 for information.

**Mysterious force holds back Nasa probe
in deep space by Robert Matthews,
Science Correspondent, The Telegraph
[UK] OnLine**

<http://news.telegraph.co.uk/news/main.jhtml?xml=/news/2002/02/10/wnasa10.xml&sSheet=/news/2002/02/10/ixworld.html>

A SPACE probe launched 30 years ago has come under the influence of a force that has baffled scientists and could rewrite the laws of physics.

Researchers say Pioneer 10, which took the first close-up pictures of Jupiter before leaving our solar system in 1983, is being pulled back to the sun by an unknown force. The effect shows no sign of getting weaker as the spacecraft travels deeper into space, and scientists are considering the possibility that the probe has revealed a new force of nature.

Dr. Philip Laing, a member of the research team tracking the craft, said: "We have examined every mechanism and theory we can think of and so far nothing works."

"If the effect is real, it will have a big impact on cosmology and spacecraft navigation," said Dr. Laing, of the Aerospace Corporation of California.

Pioneer 10 was launched by NASA on March 2, 1972, and with Pioneer 11, its twin, revolutionized astronomy with detailed images of Jupiter and Saturn. In June 1983, Pioneer 10 passed Pluto, the most distant planet in our solar system.

Both probes are now traveling at 27,000 mph towards stars that they will encounter several million years from now. Scientists are continuing to monitor signals from Pioneer 10, which is more than seven billion miles from Earth.

Research to be published shortly in *The Physical Review*, a leading physics journal, will show that the speed of the two probes is being changed by about 6 mph per century - a barely-perceptible effect about 10 billion times weaker than gravity.

Scientists initially suspected that gas escaping from tiny rocket motors aboard the probes, or heat leaking from their nuclear power plants might be responsible. Both have now been ruled out. The team says no current theories explain why the force stays constant: all the most plausible forces, from gravity to the effect of solar radiation, decrease rapidly with distance.

The bizarre behavior has also eliminated the possibility that the two probes are being affected by the gravitational pull of unknown planets beyond the solar system.

Assertions by some scientists that the force is due to a quirk in the Pioneer probes have also been discounted by the discovery that the effect seems to be affecting Galileo and Ulysses, two other space probes still in the solar system. Data from these two probes suggests the force is of the same strength as that found for the Pioneers.

Dr. Duncan Steel, a space scientist at Salford University, says even such a weak force could have huge effects on a cosmic scale. "It might alter the number of comets that come towards us over millions of years, which would have consequences for life on Earth. It also raises the question of whether we know enough about the law of gravity."

Until 1988, Pioneer 10 was the most remote object made by man a distinction now held by Voyager 1. Should Pioneer 10 make contact with alien life, it

carries a gold-plated aluminum plaque on which the figures of a man and woman are shown to scale, along with a map showing its origin that NASA calls the cosmic equivalent of a message in a bottle”.

**Human-Aliens — Close Encounters of
the Third Kind in Our Every Day World
© 2002 by Craig R. Lang, Certified
Hypnotherapist, MN MUFON Invest.
Coord.**

One of the strangest aspects of the UFO and close encounter phenomenon is the report of encounters with entities who appear nearly human, but which have some distinguishing features that place them squarely in the domain of the encounter phenomenon. Events such as these are often reported by close encounter experiencers. They also often have an unusual emotional or psychic component to them that places them out of the domain of the every-day occurrence. However, rather than being an abduction, or other event which occurs in the domain of the phenomenon (i.e. aboard a UFO), these events occur in our normal every-day domain. Included in this strange class of events are encounters with “men in black” and on-the-street encounters with what can only be described as “human aliens”.

During interviews with a number of experiencers, accounts of encounters have surfaced, in which the experiencer was confronted by a person whom she recognized as non-human. One case in particular, which illustrates the strangeness of this class of events, is that of an experiencer I will call “Janice”. Janice and a friend were browsing at a large shopping mall in the Twin Cities area and had stopped to look at a kiosk in a well traveled area. Janice looked up from the kiosk to suddenly notice a strange couple standing in front of them. The couple had features that suggested a racial origin not familiar to her. She also noted that the eyes seemed to be solid black. Janice has a rather high degree of psychic sensitivity, and she felt a powerful sense of fear that seemed to emanate from these strangers. It was a sense that Janice could only describe as being “behind enemy lines”.

This strange couple simply stood there for a few seconds, apparently observing them. Janice brought them to her friend’s attention, but her friend did not seem to sense the same strangeness about them. The mysterious couple then walked away, melting into the crowd. Two more times that

day, while still at the mall, Janice noted them. She sensed that the strangers seemed to be observing them. Then the strangers would again melt away into the crowd and disappear. Once Janice and her friend had left the mall, they no longer encountered these strangers, and have not seen them since.

Who were these strangers? What caused Janice to have the powerful impression of them, while at the same time her friend did not? What was the motive of this strange couple? Janice was certain that they were somehow related to her encounters. But what (if any) was their relationship to the close-encounters which had dogged Janice all her life? This, like most other aspects of the phenomenon remains shrouded in mystery and ambiguity.

Another fascinating case is that of an experiencer I will call “Carl”. Carl and his girlfriend had gone to see a movie one Saturday afternoon. While they watched the movie playing on the screen, Carl noticed in his left peripheral vision that a strange looking man had entered the theater, walked down the aisle, and was now standing at the end of their row of seats. The man wore an overcoat and a hat that in such a way as to largely conceal his features. Clearly visible, but still strangely ambiguous, were his eyes. These seemed to add to the air of strangeness and menace about him. Rather than sitting down, the man simply stood there and stared at them. Both Carl and his girlfriend felt a powerful sense of fear associated with this stranger, and his unsettling stare.

While Carl attempted to return his attention to the movie screen, his girlfriend felt herself becoming more and more unnerved, eventually hiding her face in Carl’s arm. For a few moments longer they tried to ignore the stranger. But finally, at her urging, Carl turned his attention back to the location where the man had stood - but now the man was gone.

Carl stood up and looked around the theater. The man was nowhere in sight. Carl ran out into the lobby, which was nearly deserted. He even looked out on the street, but the stranger was nowhere to be seen. Puzzled, Carl returned to the movie and the two of them spent the remainder of the film wondering about this strange intruder into their lives.

When describing human-alien encounters, one case which vaults to the foreground, is that of an experiencer I will refer to as “Paul”. On the surface,

Paul's case initially appears to be a classic UFO abduction. However, on closer inspection, a human who was a central to Paul's life, appeared to be a key to the phenomenon - at the very core of the encounter. Paul described this person as his "mentor" [my paraphrase -CL]. She had very strange eyes and facial features, and seemed to have a deep telepathic rapport with Paul. She was also deeply involved in the occult, and seemed to have an ongoing communion with strange "magicians" who would appear to her.

In this particular event, the "mentor" showed up and instructed Paul to come with her. Paul found himself instantly following her lead. He was taken in her car to a nearby town, and there was escorted to what seemed to him to be a "church basement". However, the church basement seemed to be unearthly — round, white, and featureless. At its center were several medical examining tables, typical of what many UFO abductees describe.

Also in the room with Paul and his "Mentor" were several small grays. The grays conferred with one another and then with the mentor. They informed her that it was not yet Paul's time. There was a "discussion" between them, which Paul could understand, even though it was not verbal, in which the grays appeared to be chastising her for bringing Paul at this time. The grays then gave Paul a cursory medical examination, and sent the two of them home again.

Who was this "mentor?" On investigation, we found that much of Paul's account seems to correspond to physically real events and places. There is much to suggest that people in Paul's account also actually exist. So what actually happened to Paul? Where was this "church basement"? And who was this "mentor". Was she actually an integral part of the close encounter phenomenon — a human alien?

So, what is going on here? Who or what are these "human-alien"? Are they physically real? Or might there be other ways of understanding them? One hypothesis advanced by David Jacobs in his book "The Threat", is that they are indeed physically real. Dr. Jacobs suggests that they are in fact, the late-stage products of the breeding/hybridization project which seems to be associated with UFO abductions. He also suggests that they are being assimilated into human society, for less than benevolent purposes. On occasion, human-alien which reside in the realm of the phenomenon will

go on "away missions" which Jacobs refers to as "Independent Hybrid Actions".

Another class of hypotheses suggests that the degree of physical reality of these beings may be other than absolute. This hypothesis draws on Jungian psychology to build a case that human-entity encounters are somehow manifest from a deeper metaphysical reality. On occasion these entities can manifest, possibly mediated by the experiencer's own consciousness. Unfortunately, we do not yet have the means to test this hypothesis. We find that it offers a considerably less concrete, if far more comforting view than that of Dr. Jacobs.

In the end, we are left with a number of strange reports, ambiguous descriptions, and unprovable theories. As our understanding grows, it may one day become possible to understand these human-alien. However, like so many other aspects of the encounter phenomenon, in the present day, they present us with riddle, hidden within a mystery, packaged within an enigma. They take their place in the theater of the strange that is the close encounter phenomenon.

Unusual Calf Mutilations

NIDS has just posted three cases of unusual calf mutilations on the What's New section of the web site at: www.nidsci.org. The timeline for Case #1 is given below.

March 10, 1997 — 10:00 AM: Two ranchers on a remote pasture in NE Utah began the daily tagging of calves born the night before. The weather was bright and sunny, temperatures in the 50s. The ranchers estimated they tagged and weighed the 87 pound animal about 100 yards from the fence line. There was a ring of snow surrounding the pasture where they tagged the animal.

After tagging the animal, they walked about 300 yards west to another newborn animal and went through the process of weighing and tagging that animal. The two were accompanied by their blue heeler dog. About 10:45 AM, the heeler began to growl and act strangely with a focus on the area they had just left.

March 10 — 10:45 AM: The blue heeler began snarling in earnest and arching his back. Without warning, the animal ran west across the fields, away

from the direction he had been looking. The heeler was never seen again.

March 10 — 10:50 AM: The rancher and his wife, looking back, then noticed a grown cow running frantically back and forth towards the fence line while dragging her leg. Both then walked back to investigate. The rancher reported seeing the recently tagged newborn calf lying eviscerated in the field (see photos), close to where it had been tagged about 45 minutes previously. In a 45-minute period in daylight, 100 yards from any cover, with the rancher about 300 yards away, the calf had most of its body weight removed, including entrails, and appeared to have been placed carefully on the ground with no blood present on or near the animal.

March 10 — 4:00 PM: In one of the most rapid turn-around times in NIDS' investigative history, two NIDS scientific investigators and a veterinarian were standing over the dead calf only a few hours after receiving the call from the rancher...

The full 16 page report with photographs can now be downloaded from the NIDS web site.

Also recently added to the What's New section of the NIDS web site is an essay by Dr. Eric Davis on the Incommensurability Problem and UFOs.

Antimatter captured for the first time
Science & Technology News Service
by Eugenie Samuel 21 February 02
<http://click.topica.com/caaahxAausWN5auvT8Ub/Palm>

Antimatter, the most elusive building block of the Universe, has been captured for the first time.

According to the standard model of particle physics, every particle has a corresponding antiparticle with the same mass and opposite charge. The pair annihilate each other on contact, releasing a burst of energy.

Scientists have wondered if they can harness this energy, but they have found it difficult to make and control anti-atoms. Seven anti-hydrogen atoms were detected in a particle accelerator at Fermilab near Chicago in 1996, but they were moving at almost the speed of light--too fast to be stored or studied.

Now researchers on the ATRAP experiment at CERN the European Laboratory for Particle Physics near Geneva, think they have made and stored thousands of anti-atoms indefinitely in a particle trap.

Cup of coffee

The team, led by Gerald Gabrielse of Harvard University, used powerful magnetic fields to trap anti-protons found in the debris of collisions in CERN's particle accelerator. They then introduced a beam of anti-electrons, or positrons, and used an electric field to slow them down and bring the two types of particle together.

When the group exposed the particle trap to an electric field, some particles failed to move, suggesting that the charged anti-particles had bound together into neutral anti-hydrogen atoms.

"Its hard to see how you could avoid having some anti-hydrogen in there," says Gabrielse. He can't be sure how many atoms they trapped, but says you would get only a tiny amount of energy by combining the antimatter with matter--not even enough to warm a small cup of coffee.

Gabrielse hopes to confirm the find by measuring the anti-hydrogen atom's spectrum when CERN's particle accelerator starts running again next May.

Field Investigator Update: Feb. 2002
By Craig R. Lang - MN MUFON FI Coord.

January and February have been pretty quiet months on the UFO front, with few new sightings coming to our attention. But while the new has quieted down, old events continue to surface. These may be reports of sightings which occurred from a few weeks to many years in the past. While it is of course, best to get reports as quickly after the event as possible, reports at any time are always welcome. We certainly want to encourage reports of older, unreported sightings, because they, too, have value.

Another interesting phenomenon in UFO studies is the "almost-solved" sighting. In cases like these, the witness describes an event which at first glance suggests an obvious IFO. However, sometimes the explanation can become less convincing as it is studied more closely. Minor problems occasionally arise to suggest that we understand the events of the sighting less clearly than we thought.

The collection of almost-solved cases and of old-sighting reports are both well represented by a case which occurred in late August, but was not reported to Minnesota MUFON until early February. The case was a rather typical satellite sighting, but with some interesting exceptions: The first is that there were multiple witnesses; and the second is that the primary witness had had several other minor sightings (all probably explainable in non-UFO terms) in weeks before that. He noted that both he and his daughter are both avid sky watchers, and on several nights they had seen interesting satellites in the sky. Then on that night, they saw something which really caught their attention...

This sighting occurred on a clear warm summer night. The primary witness was just finishing up putting some equipment into his pickup truck. He was walking toward the house when, in keeping with his interest in the sky; he took a moment to gaze up at the stars. When he did, he noticed an interesting triangular formation of satellites moving in a roughly north to south direction. It was an equilateral triangle of lights, with one vertex pointing south, in the direction of travel. He watched them for a moment then called to his daughter to come out and see them too.

She did, and both found them fascinating. Then, at the same time, both witnesses noticed the formation appear to stop in mid-sky (They had now passed just beyond the zenith, into the high southern sky). They observed the lead "satellite" then seem to pull in toward the trailing edge of the triangle — as if the triangle were "squashed", or as if the lights were the leading vertex of the triangle was now tipping up, away from them. The triangle of lights then disappeared from view.

This sighting, while interesting, has much to suggest a prosaic explanation. Much of the description suggests that it could have been an Iridium cluster. These are occasionally-seen formations of satellites that are often the source of sighting reports. It is also possible that the movements of the lights could have been due to autokinesis, the optical illusion that sometimes can make stars appear to move and satellite paths seem discontinuous. Yet, there was something about this that seems slightly more than that. The reaction of the witness, the identical description by both witnesses, and other interesting factors seem to add a degree of strangeness to this case. While the sighting, itself is a probable IFO there may be more

to the event, and perhaps to the story of the witnesses...

Another sighting event comes to us from Stevens Point, Wisconsin. This case was also a probable-IFO but again with a strange twist. We learned of it when MUFON was contacted by the webmaster of the www.ufowisconsin.com website. They had received a report of three witnesses who had observed an interesting display of lights in the south-southwestern sky. The event had occurred a few days before Christmas, while the witnesses were on a break from work. Standing just outside, on the south side of the building, they observed several bright lights close to the horizon, which seemed to be maneuvering. Their location offered a commanding view of the southern sky, and they were able to clearly see the "light show". In addition to the lights, they also observed several flashes of light in that same direction, which seemed to be several seconds in length.

A follow-up suggestion was that the lights might have been aircraft on military maneuvers from Camp Douglas, which was about 60 miles away in that direction. The maneuvers seemed to match the description, and the flashes could have been flares. However a minor problem with that explanation was the elevation of the lights, which the witness described as being level with some distant power lines. Some geometry suggests that for the lights to be at the observed elevation, and be far enough away to be near Camp Douglas, their altitude would have to have been at least 50 thousand feet. Would this altitude be typical of a military-reserve exercise? Or might the lights actually have been closer to Stevens Point? While the lights could very well have from a military exercise, the explanation is not a perfect fit and a little bit of mystery remains...

These two sightings both illustrate one of the interesting problems faced by field investigators. While most relatively simple distant-encounter sightings are often easily explainable, the simplest explanation isn't always an exact fit. So, was the witness description of the sighting details slightly incorrect? Or does a less prosaic explanation actually apply? In the words of J. Allen Hynek, we do not study UFO's, but only UFO reports. Since such reports are historical in nature we may never know the real truth. We have to be content with a sometimes-very-fascinating sense of ambiguity — the challenge and the mystery that comes with being a UFO researcher.

If you have any further updates on events discussed in this column, or know of any information that might bring to light other sightings or encounters, please contact Craig Lang (phone #: 763-560-1532, e-mail: crlang@mm.com), or contact us through our website: www.mnmufon.org. Also, stay tuned to this column in each newsletter as we discuss more current MN MUFON sighting cases.

With each event, the opportunity to become involved in UFO studies continues to expand. For those wishing to become a field investigator themselves, classes are conducted as sufficient interest is indicated. We try to hold classes approximately three times per year, and hope to hold the next one this spring. If you are interested, and feel that you have the necessary time, energy, and objectivity to be a UFO investigator, please contact Craig Lang. If you have not already done so, you also will need to join MUFON as a field investigator trainee and purchase the MUFON field investigators manual.

We need as many active investigators as possible in our effort to better understand the UFO phenomenon. For those who decide to pursue the study of this strange phenomenon, there will always be enough mystery to go around.

Happy investigating...

India Still Aiming For Voyage To Moon FarShores News, Posted 1/24/02

With Thursday's triumph of INSAT-3C, Indian space scientists feel on top of the world. But they want much more. They want to be on top of the moon - literally.

A national co-ordination committee is discussing threadbare India's much-hyped 'voyage to moon' proposal which was first floated in 1999, an ISRO spokesman said. And looking at India's giant strides in space technology, the proposal and is certainly not "all moonshine" as dubbed by skeptics.

"We just require a government nod. An unmanned lunar mission can be launched by 2008-9 if we start now," ISRO spokesman said. "However, all aspects have to be taken into account before taking up the mission. These aspects include setting priority of our resources and a national commitment to

sustain such a programme," an ISRO spokesman said quoting the agency's chairman Kasturirangan's views on the matter.

Such a mission is expected to cost at least Rs 3.5 billion, the spokesman said. 'A final discussion will be taken when the committee submits its report,' they said.

INDIA'S CAPABILITY

ISRO engineers and scientists have done a preliminary study covering feasibility and capability aspects and are putting together a concrete project report. ISRO has the option of sending either a fly-by mission or an orbiter. The latter would allow scientists to study the moon more closely by orbiting it instead of flying past.

The cheapest and most feasible option for ISRO will be to send up an orbiter and the proven technology of India's PSLV can come in handy in this regard, aerospace experts say. PSLV, which has launched many satellites, including a German and South Korean satellite, can be modified to send a 530kg spacecraft as a fly-by mission or a 350kg spacecraft to orbit the moon.

Alternatively, the cryogenic fuel-driven GSLV can send an 850 to 950 kg spacecraft as a fly-by mission to the moon or a 600 kg orbiter, they say.

While the Ahmedabad-based Physical Research Laboratory, the cradle of space science research in India, is well equipped to fabricate the experimental package for the mission, the ISRO Satellite Centre with its most advanced infrastructure is capable of designing and developing a lunar orbiter indigenously.

Indian scientists have been debating the moon voyage since 1997 but they held their first public brainstorming session in this regard in October 1999. A successful moon mission will put India in the elite space club with Russia, United States and Japan.

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