

UNDERSTANDING THE SCIENCE: A PROPER INTRODUCTION TO UFOLOGY by Steven S. Bass, FFSc

Abstract

Ufology is a term with which most people are unfamiliar. They would be surprised to learn that it studies flying saucers! Some will never believe that Ufology is actually a SCIENTIFIC discipline! But, life is full of surprises, and if you love surprises, you will love Ufology!



Flying Saucers

The science of Ufology involves the study not only of Unidentified Flying Objects, or UFO's, but of the intelligence controlling them. Most believe these intelligences are extraterrestrial in nature. Aliens. It goes much deeper, though. It is the study of extraterrestrial anatomy, physiology, psychology, sociology, religion, history, technology, and so much more.¹ It is an incredibly complex and exciting field of study!

Ufology acknowledges that extraordinary and mysterious Unidentified Aerial Phenomena exist. They are witnessed by very credible individuals, including police officers, military personnel, pilots, teachers, astronauts, etc. Any type of person you can name has witnessed something in the skies that defy explanation.

Not Just America

This is not strictly an American phenomena. People in every country have witnessed unknown aerial strangeness. The Mutual UFO Network (MUFON) is an organization founded in 1969 to investigate such phenomena and have representatives in most countries.

MUFON field investigators, all with widely varying backgrounds and levels of education and training, endeavor to find an answer to that which appears so mysterious. According to their statistics, 85% of all sightings of UFO's can be explained as something man-made or a natural occurrence, such as weather-related phenomena, an astronomical anomaly such as a planet, or a meteorite entering the Earth's atmosphere. That leaves approximately 15% of sightings that cannot be explained.

The National UFO Reporting Center (NUFORC) received 4,767 sighting reports in 2009.² To illustrate using these statistics, 15% of 4,767 is 715 sightings that could not be explained.

Characteristics and Behaviors

The characteristics of these objects reported to organizations like MUFON and NUFORC strongly suggest that there is an intelligence in control of these craft. These craft fly and maneuver to avoid

obstructions, whether terrain or man-made aircraft. They exhibit incredible flight characteristics, especially when military aircraft are nearby or even attacking. These craft perform 90 and 180 degree turns while flying at thousands of miles per hour, without slowing. Such maneuvers would not only kill Human pilots, but would reduce the crew to mounds of gelatinous materials, in no way resembling a Human body.

These craft have different appearances, different shapes, from saucer-shaped to rectangular, triangular, to cigar-shaped. Sizes vary from a foot in diameter to several miles across, as was reported by Captain Ray Bowyer, an airline pilot flying from southern England to the Channel Islands.³



These craft are sighted after having landed, such as one witnessed on April 24, 1964 by a Socorro, New Mexico police officer named Lonnie Zamora.⁴ According to his testimony, he was in pursuit of a traffic violator when he heard an explosion. Judging the explosion as the priority, Zamora broke off the pursuit and drove in the direction of the explosion. What he saw as he topped a rise at first appeared to be an automobile that had rolled over. On closer inspection, he realized that it was an oblong craft resting on landing gear, and that two small people in white jumpsuits were walking around the object. When he called to see if they needed any assistance, they hastily entered the craft. It proceeded to rise into the air on what seemed like a plume of flame, then entered level flight on a trajectory away from Zamora.

Lonnie Zamora

You might say that it gets hot in the desert, and sometimes it can make you see things that are not actually there. Zamora, with the help of Dr. J. Allen Hynek, astronomer and professor at Northwestern University and consultant to the United States Air Force's Project Blue Book, and National Investigative Committee on Aerial Phenomena (NICAP) investigator Ray Stanford identified trace evidence of the landing, including documented prints from the landing gear and footprints left by the two small people, and an area of plant growth that had been burned, which correlated to the area affected by the craft's propulsion system (the flame that issued from the underside of the craft as it departed).

Next, Zamora was himself scrutinized by Hynek and Stanford. Zamora's character held up to intense scrutiny during numerous interviews with both investigators. Fellow officers held Zamora in high esteem, as did other officials in Socorro, New Mexico area. Ray Stanford referred to Zamora as the best witness he had ever had the opportunity to work with. There was no hint of deception or dishonesty. Both investigators were unable to debunk the sighting report.



Lonnie Zamora, Mr. Burns (FBI), Maj. H. Mitchell (AF)
Coral Lorenzen (APRO), & Sgt. Castle (MP)

Courtroom Intrigue

Typically, substantial amounts of evidence is needed to convict a defendant in an American court of

law. In a capital case, such as murder, a preponderance of the evidence is needed. There have been cases supported only with circumstantial evidence that resulted in a victory for the prosecution. So, lets take Ufology to court!

First, let us look at the witnesses for the prosecution, which in this instance will be proof of Ufology's validity. A prosecution team looks for a high caliber of witness, one that anyone will believe because of who they are, what they have accomplished in the past, etc. In this case, the witnesses consist of law enforcement officials, military personnel, medical officials, school teachers, factory workers, religious clergy, etc. A well-represented cross section of America. Even Pope Benedict XVI allowed for the existence of extraterrestrial civilizations, stating in a speech that existence of such would not detract from Christianity and did not contradict religion.⁵ A startling reversal from so high an official!

Admittedly, there is a strong selection of witnesses for the prosecution. Now, let us look at trace evidence. Any field investigator, whether with MUFON or one of the local UFO groups, looks for evidence that supports the claims a witness is making. If the witness reports that a UFO landed in the back yard, you would immediately check for imprints in the ground where a heavy craft would have sat. A thorough check with a Geiger counter for radiation is also necessary. If the area is fairly wooded, you would check the surrounding trees for any damaged limbs resulting from contact with a craft. In short, you look for any evidence showing an interaction between a UFO and the environment.



Ted R, Phillips

For more in depth trace evidence analysis, one can look to a former colleague of Dr. Hynek's, one Ted R. Phillips, Executive Director of the Center for Physical Trace Research, who has an incredible catalog of evidentiary showing interesting anomalies. Phillips has painstakingly gathered and analyzed such strangeness as samples from a reported landed UFO in Kansas in the 1970's. One witness observed a strange glowing craft rise up from the ground and disappear into the sky. Running back home, he convinced his mother and father that something incredible had just happened. All three went to the landing site, and observed a large white circular ring on the ground. Curious, his mother reached out and touched the circle. Her fingers immediately went numb at the area of contact. Wiping her hand on her pants leg, she felt that area of her leg go

numb as well. In the years following this event, not only did the mother not regain feeling in the affected areas, but no plant life or grass has ever grown back, although grass grows abundantly in the area around and within the circle.

Another example of gathering trace physical evidence involves cases of mysterious cattle mutilation, which is a rampant occurrence where a rancher will find that one or more of his cattle is lying dead in the field. Upon inspection, the rancher finds that parts of the cow, such as the anus, eyes, tongue, and udders have been surgically removed. No blood is evident in the wounds or on the surrounding ground. At times, ranchers have found that all the organs in the affected animal are missing, again without a sign of blood. Some mutilation cases were investigated by Linda Moulton Howe, an Emmy Award-winning television producer, investigative reporter and author, for a documentary entitled *A Strange Harvest* and



Linda Moulton Howe

*An Alien Harvest.*⁶

Howe's research found that not only had all blood been removed from the carcass, but abnormally high levels of radiation were detected near the bodies. Strangely, predatory animals showed no interest in scavenging the carcass. Reports were also collected about UFO's and unmarked black helicopters being seen in the area.



Dr. Roger Leir

Amazing are the findings of Dr. Roger Leir, a California podiatrist and surgeon, who was introduced to a man claiming to have an alien implant in his foot.⁷ Initially refusing to even listen to the man, he acquiesced when the man was referred again to him through a colleague.

Upon examination, a small shrapnel-like object was found in the patient's x-rays. A visual examination showed no signs of inflammatory response to the object, and no scarring on the outer skin, no point of entry for the object.

Dr. Leir proceeded to surgically remove the object, and was again surprised to find that the object was able to move away from his forceps, seeming to self-propel in attempts to avoid removal. Upon successfully grasping the object and bringing it to the surface, he noted that the object was attached to nerve bundles.

Leir was able to determine that while still attached to the nerve bundles, the object emitted a radio frequency. Further research showed that the frequencies were in the ranges reserved for deep space communications. Upon severing the connection with the nerves, the signal immediately stopped.

Analysis with an electron microscope showed a level of design and detail of technology far beyond anything currently available. The outer skin was a biological membrane that was impervious to attempts at cutting. It was soon determined that the skin seemed to have grown out of and around the metal object. The object itself was determined to consist of meteoric iron. Meteoric iron is not found in any abundance on planet Earth, but originates from meteors and meteorites.



X-ray showing implant prior to removal

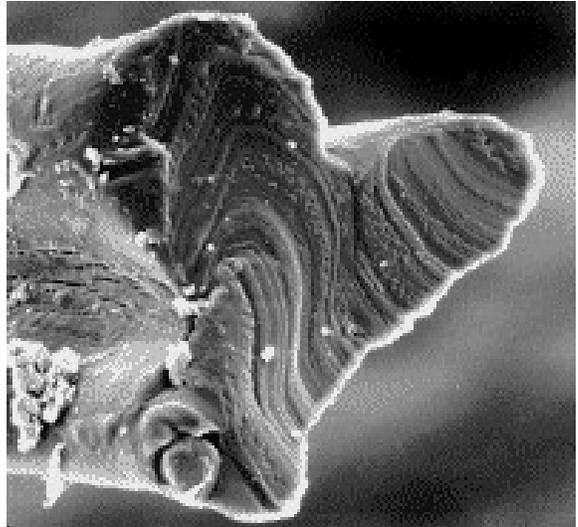
Anomalous origin, composition, design, and construction, and placed inside a Human with no point of

insertion, no scarring, and no inflammatory response from the body's immune system, these anomalous circumstances strongly suggest that bio-electromagnetic devices capable of deep space communication are being implanted into persons claiming to have been abducted by those they believe are extraterrestrial, not from this planet.

Dr. Leir reports that more than a dozen implant removal procedures have been performed to date.

Sporting a plethora of physical trace evidence, supported by a large pool of highly credible witnesses with nothing to gain and all to lose by recounting their experiences, a strong case is being presented supporting Ufology's validity as a scientific discipline.

Next to be called by the prosecution are expert witnesses. Such experts should ideally have impeccable credentials and many years of experience in the field of Ufology. Experts should also be experienced presenters of their testimony and expertise at addressing a courtroom.



Closeup of implant

The ideal expert witness could be a nuclear physicist with many years of classified work experience, a Rogues Scholar, a former government employee specifically responsible for investigating reports of UFO sightings, a highly experienced government-employed civil engineer, an astronaut who went down in history as being the sixth man to walk on the Moon, or a published American Civil War historian.

If such is required, such will be presented in the persons of Stanton T. Friedman, M.Sc., Kathleen Marden, Nick Pope, Dennis Balthaser, Dr. Edgar Mitchell, D.Sc., and Richard H. Hall. All with impeccable credentials and experience lecturing and writing on the subject of Ufology.

A Verdict Is Announced!

In an American court of law, such a preponderance of the evidence, including eye witness testimony to the occurrence of a crime, trace evidence confirming said crime, and expert witnesses whose testimony supported prosecution claims, it is appropriate for a court to issue a decision of GUILTY and ready the defendant for sentencing.

In the same American court of law with such a preponderance of the evidence, including eye witness testimony, trace evidence pointing to the actuality of an interaction between a UFO and the environment, and multiple expert witness testimonies, it is similarly appropriate for the court to issue a decision of GUILTY AS CHARGED, giving Ufology its much deserved validation. If the same quality of evidence can result in a verdict of guilty in a murder case, it by default can and will result in

substantiation of the science of Ufology.

An Agenda Emerges

That begs the question, why do people continue to ignore or deny the obvious? The answer is vague. Some believe that they understand their reality, their place in the world, and people automatically have a fear of the unknown. They do not understand what changes will occur once they make that mental leap to acknowledging an alternate, more substantiated reality. They feel so much more secure with what they know of the world, good or bad. They have a need to control the world around them, subconsciously ignoring the obvious and distorting reality to agree with their vision of the world. But understand, though, we are all susceptible to some extent.

Some believe that the existence of extraterrestrial civilizations run contrary to religion, that a reality of this magnitude will render their religious beliefs and religious identity inconsequential; the sacrifices they made for their religious beliefs worthless. They believe that God cannot exist if aliens do.

The reality of it, though, is that the existence of extraterrestrial civilizations only brings more glory to an incredibly creative and loving God. Jesus Christ was even quoted as telling His disciples that there are “other flocks, of which ye know not”.

Others allow cowardice to rule their lives. They feel a disproportionate fear of persecution or damage to their reputation if they publicly admit to such a belief. Through an institutional behavior, they allow their outward beliefs to be dictated to them in an effort to avoid ridicule, shame, or possible damage to their career. Long ago, such fear encouraged many to believe the world was flat, even after proof was available showing the contrary. Scientists who knowingly discard evidence for fear of the facts such evidence would reveal are at the least being dishonest to their profession. They have lost sight of their commitment to institutional honesty and integrity to science.

The professional debunkers fall into two categories: the celebrity and the misinformation agent. The celebrity uses denial, obfuscation, confusion, outright deception, and vicious defamation as a method for attention, fame, and/or monetary gain. Humans thrive on intrigue and controversy, and nothing fits the bill easier than a childish game of Stupid- calling the other person dumb to make yourself feel a little bit smarter. Through such actions, the celebrity debunker can garner media attention while making light of the subject. The downfall is that some who fail to reason the subject through will put undue faith in what is erroneously relayed. A few minutes of careful thinking can actually go a long way.

The misinformation agent is a whole 'nother beast, though. This person has an agenda. Despite possessing knowledge to the contrary, the misinformation agent works to deny the veracity of the subject, or at least to cloud the issue, making attempts to reason through the issue almost impossible. The result is that the public has no idea who to believe, and due to such a hectic lifestyle packed full of work, spending time with the family, or catching that favorite show on television, they fall back on their ignorance. The reason this is perpetrated against the public is questionable.

Most Ufologists believe, and rightly so in at least some cases, that the American government, or some faction within the government, is controlling access to this type of information. The belief holds that this is done to garner power and wealth. For example, if advanced technology could be blended into the military/industrial complex, leading to the development and possession of exotic weaponry more fantastic than anything heretofore witnessed by Mankind, the group or cabal controlling this incredible military might would be the de facto dictator of a world! Militarily, they would be invincible! And one thing we have learned repeatedly throughout history, a little power corrupts a little, and a lot of power corrupts a lot.

During World War Two, the American intelligence community learned that control of information is control of reality. Media outlets had their patriotism compromised by agreeing with the intelligence community to withhold or amend information about the war. While control of information/intelligence enabled control of morale and in some cases control of the enemy and was immensely beneficial to America's war effort, such easily becomes a slippery slope when applied liberally to all cases.

After a time, this behavior engenders mistrust of government and government officials. It is entirely possible that those in possession of knowledge concerning an "alien agenda" have utilized such techniques, while collaborating with an agreeable media community, to hide knowledge of and their involvement with an extraterrestrial presence. This is simple to accomplish even today. Media outlets are owned by companies who continuously purchase other outlets, eventually leading to a small number of corporate heads in control of an expanding majority of media outlets. Such individuals, comfortable with and desirous of increasing their power, are easily manipulated into collusion through offers of small, tantalizing, anecdotal pieces of exotic information, such as awareness of the ET presence on Earth. Through this level of control, news personalities can be coerced into ridiculing reports of sightings or investigations into the UFO Phenomena, squelching a vast amount of curiosity on the part of a humiliated public.

In a report commissioned by the American National Aeronautics and Space Administration (NASA) in 1960, the **Proposed Studies on the Implications of Peaceful Space Activities for Human Affairs**, also known as the Brookings Report, the Brookings Institution noted several possibilities in the event the American public learned of the existence of extraterrestrial life.⁸ Of those possibilities, the most well-known is one that details a collapse of society, religion, and the rule of law. Humanity would come to feel that values they held as important are no longer applicable, that their overall impression of their place in nature and in the universe, their very interpretation of reality has been usurped by more advanced alien races. As such, one possible method to mitigate this scenario is to enact a coverup, to conceal the reality of alien life from a fragile spirited public. Specifically, the report states, *"Anthropological files contain many examples of societies, sure of their place in the universe, which have disintegrated when they had to associate with previously unfamiliar societies espousing different ideas and different ways of life; others that survived such an experience usually did so by paying the price of changes in values and attitudes and behavior."*⁹

Another possibility mentioned in the report that does not garner the same level of attention is the likelihood that nothing will change once the extraterrestrial presence is publicly confirmed. The American public, and the world in general, has been properly conditioned by the media, scientific

community, movies, and television series and would accept a reality including extraterrestrials, allowing this knowledge to unite Humanity, reaching across national, ethnic, and cultural borders to become one people.

The likelihood of uniting this world and having the opportunity to experience the medical and technological benefits resultant of an exchange of knowledge far outweighs the chance, however slight, of societal upheaval. To cure cancer, to prolong lifetimes, to decrease the impact pollution has on Earth's ecosystem, to grow and harvest enough food to resolve hunger, to travel to other planets and study exotic cultures is worthy of the risk.

As such, there is an imperative in allowing information about an extraterrestrial presence visiting this planet. Inherent in such an imperative is the need for courage and motivation to overcome fear, manipulation, and greed. Such can lead to a better life, hence the necessity of accepting Ufology as a legitimate scientific discipline and paving the way for the inclusion within Ufology of “mainstream” scientists and researchers, media personalities, and the general public.

The Journal of Frontier Science, the premier case study / peer review, historical, and educational online Ufology magazine, will proudly continue as a publication of the Institute of Frontier Science and can be found at www.FrontierScience.us/journal

The Institute of Frontier Science is an elite fellowship of highly experienced and knowledgeable specialists in the scientific field of Ufology, the study of the UFO Phenomena and extraterrestrial entities.

For more information, feel free to visit the **Institute of Frontier Science** at www.FrontierScience.us.

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