

**U F O Phenomena: A Demonic Deception**  
*(their Origin and Purpose)*

Original text transcribed from  
Audiotape Lecture (Tape #A8702-20)  
given in Anchorage, Alaska, February, 1987  
by Dr. Hugh Ross PhD., Astronomy,  
University of Toronto

And  
Edited with footnotes  
March, 1988

Updated with additional footnotes and  
quotes from prominent UFOologists  
April, 2018  
by  
Klaus Schiessel  
kgschiessel@sbcglobal.net  
B.S., M.S. Physics  
California State University at Long Beach

# U F O ' s : A DEMONIC DECEPTION

by Dr. Hugh Ross<sup>1,2</sup>

## INTRODUCTION<sup>3</sup>

The topic is UFO's, Unidentified Flying Objects. I'll [*i.e., Dr. Ross*] tell you briefly about my experience with UFO's which came simply because I was in amateur astronomy before I got into professional astronomy. I made my commitment to become an astrophysicist when I was only 8 years of age and by the time I was 17 I found myself director of observations for the local astronomy club in Vancouver, British Columbia.

We were among those who were funneled all the UFO reports and so I found myself having to deal with all these UFO "flaps" (UFO sightings). Somehow that carried with me into the University. When our Physics department was getting UFO reports, they funneled them my way.

Then I moved on to the University of Toronto and when they discovered that I had experience in handling these type of reports, they were more than happy to dump all this "stuff" on me. This also continued while I was at Cal Tech in Pasadena, California. I wound up with about 12 years experience in dealing with UFO sightings and have done some reading on the subject as well since then.

From my experience in dealing with these UFO reports I can tell you that most Unidentified Flying Objects can fairly easily be identified. I would say that fully 50% or half the reports I dealt with turned out to be the planet Venus.

One thing we discovered is that most people really don't know the heavens that well. The first time many people see the planet Venus it's a real shock to them, particularly when they see it in the morning. I mean that planet shines so brightly that you can literally read a newspaper by it when it's at full brightness. That hits people with a real surprise when they see it for the first time. People think it must be something much stranger than a mere planet.

And there have even been reported cases in Nevada where motorcycle policemen chased the planet Venus at full speed and reported they were "catching up on it".

Mistaking the planet Venus for a UFO is very common mistake.

In Vancouver, another common incident was the Pleiades star cluster. Because of the latitude of Vancouver the Pleiades would rise in such a way that they would come up over the mountains and just stay there for a long time. So we kept getting these reports of 6 or 7 spacecraft that were clustering together and flying over the mountains of Vancouver.

---

<sup>1</sup> Dr. Hugh Ross is a Canadian astrophysicist and Christian apologist.

<sup>2</sup> **Disclaimer:** Dr. Ross is a Christian but he is not a Biblical creationist nor does he believe in a Great Flood that was global in scope. Instead, he is a "progressive creationist", which is a term he first defined in an audiotope lecture entitled "Dinosaurs and Hominids" (1990). His interpretation of Genesis 1-2 **IS NOT** literal and is non-historical and therefore is not consistent with the following facts: (a) the Biblical definition of "day" when used with an ordinal number, (b) ignores the contextual grammatical evidence (which is Hebraic history and not poetry), (c) is not consistent with Biblical genealogical records and (d) is inconsistent with the fossil record. His interpretation and teaching on the Genesis creation narrative and how the theory of Evolution ties in with the Biblical creation account should not be trusted. However, based on his extensive 12-year experience of having personally evaluated and cataloged UFO reports, his *analysis* and *conclusions* related to UFO sightings and "alien abduction" phenomena are consistent with a Biblical interpretation.

<sup>3</sup> Footnotes added by Klaus Schiessel; B.S., M.S. Physics, Cal State University at Long Beach, CA.

We would quiz them on the position and let them know they were observing the Pleiades. We would also mention to them that these objects were described in the Bible thousands of years ago and they should check up on these scriptures<sup>4</sup> if they want to find out what the Pleiades are all about.

I would estimate about 95% of the UFO reports which came our way could easily be given a natural explanation.

And sometimes the explanations were stranger than stars or planets. The campuses where I was involved, both Vancouver and Toronto, had an active undergraduate engineering society<sup>5</sup> which loved to pull pranks. One of their favorite stunts was to launch hydrogen filled balloons. They would go up and eventually explode with a big boom. Then people would report one of these balloons and explosions as a UFO.

That would account for a large fraction of what we would receive in terms of UFO sightings.

Other things, such as meteorites were also reported. Meteors will come through the atmosphere occasionally with such size and brilliance that they would rival the moon.

I had a chance to see several of these and if you are out there watching the heavens you are probably going to see one of these about every 2 to 3 months. So when I see a meteor I know what it is.

But when people who have no idea what meteors are all about see one for the first time, they inevitably report it as a UFO sighting. That would account for another goodly number of sightings.

Then you have such strange things as birds with phosphorescent feathers. If you have migrating birds nesting in the “right” kind of mud, when they are flying at night they will glow. Those types of sightings would account for another good number of sightings.

However, I want to assure you that *you cannot explain away all UFO sightings by natural or manmade phenomena.* You can get rid of almost all of them, but there is a residual of somewhere between 4% to 6% which will defy natural, logical explanation. These still add up to a large number.

## **UFO PHENOMENON: A GENERAL DISCUSSION**

I would like to begin the discussion of UFO's with some definitions. First off, let me quote from Dr. Allen J. Hynek<sup>6</sup>, a Physicist and Astronomer. He was the one who coined these definitions of encounters with UFO's: Encounters of the “1st kind”, the “2nd kind” and the “3rd kind”.

Dr. Hynek defined an encounter of the **1st kind** as a sighting or a detection of an unidentified flying object and something that did not have a natural explanation. These are unexplained sightings, things that cannot be explained away by the planet Venus or phosphorescent birds.

The following figures are a little out-of-date, but 5 years ago we could state that in the United States alone there were over 700,000 such sightings or detections. This figure is now probably well over one million and, if you count the world at large, you are probably looking at 10 million plus UFO sightings or detections.

---

<sup>4</sup> See **Job 9:9; 38:31** and **Amos 5:8** where Orion is also mentioned.

<sup>5</sup> The engineering students in this society were the same characters who made plywood “Bigfoots” and went through the snow putting impressions of the footprints there for people to report.

<sup>6</sup> Dr. Hynek was the primary story consultant on Stephen Spielberg's blockbuster film, “*Close Encounters of the Third Kind*” and he makes a cameo appearance in the closing scene.

Encounters of the **2nd kind** are those where you not only have a sighting or detection, but there is actual damage. In other words, there would be burnt grass, or burnt trees, or people's hearing would be impaired.

So it would be some "consequence" where you can see there was energy expended in one way or another.

Encounters of the **3rd kind** are those where there is actual personal contact between a human being and a so-called alien being on board one of these UFO craft. What you would call a "UFO occupant" or another term which has been coined, an "UFOonaut".

Encounters of the 2nd and 3rd kind are not rare. In each case there have been over 1000 such encounters documented. What I'm telling you here is this; you cannot explain away ALL UFO phenomena as just something that can easily be explained by natural, physical events.

In the United States we have this residual of 1 million plus sightings, 1000 plus cases of damage or energy phenomena, and 1000 plus cases<sup>7</sup> of actual personal contact between a human being and a UFOonaut. Polls suggest that one in every 10 adult Americans has seen at least one UFO. So, we are not dealing with a rare phenomenon, it is fairly common.

I would like to take you through some maxims I have borrowed from another Canadian astronomer. A man by the name of Peter Millman<sup>8</sup> who has dedicated his life research to meteors and meteorites. One can imagine having focused in the field of meteors that he deals with a lot of UFO sightings. Meteor sightings and UFO sightings fall into the same category of phenomenon, bright lights at night. Dr. Millman developed the following maxims.

**MAXIM 1.** "There is no new thing under the sun". This is the first thing Peter Millman points out that we need to realize when it comes to UFO's. He is not a Christian believer, but he quotes the Bible here<sup>9</sup> for his first maxim. I'm quoting King Solomon who said, "*There is nothing new, what has been has been here before*".

What Peter Millman is pointing out here is the UFO phenomena have always been with us. It is not something unique to our times. People have been observing UFO's ever since history has been recorded<sup>10</sup>.

Moreover, it is not just the "kooks" who see the UFO's. I remember in the 1960's my colleagues in astronomy dismissed UFO's by saying it's only the crazies that see them. I would like to give you some examples of some famous observers of UFO's 'both long ago in history and in recent times. (You might think some of these people are crazies).

Thutmose III, king of Egypt<sup>11</sup>, who lived over 3000 years ago records his own personal sightings of flying disks, or Unidentified Flying Objects.

---

<sup>7</sup> It is now 30 years later and this figure is much higher today and increasing.

<sup>8</sup> **Peter Mackenzie Millman** (August 10, 1906 – December 11, 1990) was a Canadian astronomer. He worked at the Dunlap Observatory from 1933 until 1940. In early 1941 he enlisted with the Royal Canadian Air Force. In 1946 he joined the Dominion Observatory in Ottawa. He then transferred to the National Research Council in 1955.

<sup>9</sup> **Ecclesiastes 1:9.**

<sup>10</sup> For example American Indians have an oral history of seeing "canoes" flying/floating in the sky with occupants. In the 1700's to 1800's people reported seeing large "airships" and balloon-like objects in the sky. There is a report where someone saw men in shiny silver suits climbing up a rope ladder leading up to a cloud. UFO's seem to adapt to the expectations of the culture they appear in. During the Korean war, American Air Force fighter pilots reported seeing UFO's tracking their movements, which they nicknamed "Foo Fighters". There is a rock band named after them!

Christopher Columbus, 500 years ago, wrote in his log when he was sailing to America his sighting of a UFO.

Andrew Jackson (1767-1845), the 7th President of the United States, saw UFO's.

The State governor of Ohio, John Gilligan<sup>12</sup>, in the late 1960's reported a UFO sighting.

One would think that astronauts are the most reliable and trained of all observers. We have two cases, James McDivitt and Gordon Cooper together saw a UFO.

I understand that here in the Anchorage area some Japan Airline pilots<sup>13</sup> recently have seen UFO's.

Astronomers have also seen UFO's.

These are reliable observers.

Jimmy Carter is probably the most famous recent example of a UFO observer. He actually brought up the subject of UFO's in his campaign when he was running for President the first time<sup>14</sup>. One of his campaign promises was that he would force NASA to do an investigation of the UFO phenomena and they would get to the bottom of it.

That was one campaign promise he was not able to keep. (I understand there were 1 or 2 others which he was not able to keep either). But Carter himself has seen two UFO's and he submitted two UFO reports and was highly motivated, as are many other Americans.

Namely, 1 in 10 Americans could give a reason to have a government investigation of these phenomena. But, I can tell you this, NASA turned Jimmy Carter down. They in effect said, "Jimmy, when you can come up with some physical evidence, then we'll check it out." And since he could not come up with any, they ignored his request.

These are some famous and for the large part, reputable observers. So it is not just a lunatic fringe seeing UFO's. There is no new thing under the sun.

**MAXIM 2.** "Seeing is not believing". In other words, we cannot trust everything we see. I have already given you several examples of this.

If you see a bright light in the sky it does not necessarily mean it's some kind of saucer-like craft from another planet. It might be the local group of undergraduate engineers that are playing tricks.

Our eyes can play tricks on us, there are optical illusions. One thing I had to do when investigating UFO reports is ask the individual who had the sighting, "How long were you outside before you saw the UFO?"

You would be amazed at how many times they would say, "I was in the house and I stepped outside for a few seconds and I saw this 'thing'.

Now, if you go from bright light into dark night sky, you can see bright things in the sky which really are not there. You can expect that. We have been trained not to accept any report unless the individual had at least 10 minutes to "dark adapt" his eyes to get used to the dark sky. The human eye simply can act like that. If you go from bright to dark, you might see "light objects" as a result.

---

<sup>11</sup> 1490—1436 B.C.

<sup>12</sup> Governor of Ohio from 1971—1975.

<sup>13</sup> Japan Airlines pilots reported an enormous spherical object flying over the Yukon November 17, 1986.

<sup>14</sup> During the presidential campaign of 1976.

The human eye is not a perfect instrument nor is our brain the perfect interpreter of what comes thru our eyes so, seeing is not necessarily believing.

Instruments can also deceive. We can say the human eye is not perfect, but this is also true of instruments. There is no “perfect” instrument. Every instrument has built into it certain defects.

For instance, when you look through a pair of binoculars you will sometimes see “ghost images”. (Our eyes can also see similar ghost images when we go from a very bright room suddenly into a dark room). This is also true of any kind of optical or electronic instrument that has anything to do with imaging. You can expect there might be ghost images.

I have some photographs of what you could call “UFO’s” and I took them while I was on vacation. In one case I had my camera and I purposely stressed the film before I took the photograph. (I put a little bit of pressure on the film so it stretched).

When I developed the film I had a great photograph of a UFO. But, I can tell you it was not there in the sky. I know by the way the film operates that the stretching was what caused the “ghost image” to appear. Yet, it might well have been accepted in the newspaper if I had said I had seen this UFO and got this photograph.

In a second instance, I took a photograph on a dark afternoon while it was drizzling. Little fine raindrops were coming down and it was quite dark. Here I took the photograph where I did not have the light setting (exposure) for the camera the way it should have been. In this case I got this nice square looking UFO like a magic carpet coming up over the sky. In both these cases optical defects were responsible for producing “ghost images” which are well understood.

And if I did not tell you the circumstances under which I took the photographs, I could perhaps convince you these were photographs of Unidentified Flying Objects when it was nothing of the sort.

### **MAXIM 3.** Optical illusions exist.

When we were in our radio astronomy lab at the Algonquin radio observatory<sup>15</sup>, we had asked the engineers there if they could make us about 1000 of this strange looking device. So we submitted the drawing and said we need these in one week. They struggled with it a while and finally told us they could not fill the order. (On initially seeing the drawing they thought they understood it and could design and manufacture it. Closer examination revealed that the device could not be made as shown). We need to recognize the occurrence of optical illusions.

### **MAXIM 4.** “Beware of the printed word”.

This is one of the key points Peter Millman brings out. What he is pointing out is that you cannot really trust what you read in terms of newspapers and magazines. The newspapers sometimes publish dramatic sightings of UFO’s which will get front page billing. There will be photographs and a lot of comments from people. But, if it turns out to be a hoax, you will typically see the withdrawal buried in the back pages and given maybe 2 or 3 lines of print, or it might not be printed at all.

There are several famous examples where hoaxes were pulled on the public and received wide newspaper and magazine coverage. When the hoax was revealed, it did not get publicized at all.

---

<sup>15</sup> Algonquin radio observatory is located near North Bay, Ontario Canada.

If you are looking at the printed page (I mean by that newspapers and magazines) you can get fooled as to the true state of affairs about flying saucers and Unidentified Flying Objects. Doing a statistical study (or scientific research) using what shows up in the newspapers is very unreliable and should not be trusted.

**MAXIM 5.** Records are incomplete—not everyone reports their UFO sighting.

The figure I previously gave you of 1 million sightings (in the U.S.) I am sure is probably way off. We do not have a complete sample, we have a partial sample. Usually, the more reliable the observer, the less likely he or she is to report their sighting.

So one can be persuaded (and this is very common among my scientist colleagues) and be very content to associate the subject of UFO's with the lunatic fringe. After all, it is the "lunatics" who are more likely to give the reports than the reliable observers. I have talked to many astronomers and they will privately admit to me they have seen these "things" but they have not told anyone, they have not reported it.

We do not have all the records of UFO sightings. You must be very careful drawing conclusions based on the available statistical evidence since the records are not complete.

For example, you ask a person, "Where did you see the UFO and how far away was it?" The answer, "Well, it was very far away, past the moon".

Interviewer, "How do you know?"

You really cannot get a good "fix" on a UFO object unless you have observers at two different sites. If you have one observer in one place and another some distance away they can both be looking at an object between them. Each observer will see the object from a different perspective from the other one. This way one can get some idea of the distance through triangulation. This is not possible with only one observer.

Also, most observers are not trained to tell you how many degrees above the horizon an object was. This is related to **MAXIM 3**, Optical Illusions.

When the moon is close to the horizon it seems very big, yet when it is up very high it appears much smaller. That is an optical illusion. The moon on the horizon is just the same size as it is at the zenith (straight above). The effect is due to our viewing angle. When we are looking near the horizon we are comparing the moon with objects on the horizon, like trees and buildings. When you look up to the zenith all you have to compare with is the stars. People will typically overestimate the size of the moon by more than 2 or 3 times. You can really have a difficult time with the records,

**MAXIM 6.** Men make mysterious machines.

I had a chance to personally experience this while I was at the Algonquin radio observatory. We were located very close to a military installation affiliated with the North American Air Defense, NORAD. That was in North Bay, Ontario and we were about 60 miles from that location.

There was one winter when we had a very strange craft hovering over our radio telescope. I need to tell you from an Air Force pilot's perspective our telescope was very strange. We are talking about a 150 foot diameter steel dish that can move in all directions and usually fixes on one point in the sky.

I can appreciate why a pilot would be curious to have a look at this thing. So there were several days in which we had this strange looking craft looking down on us. And it was bothering us because it was sending out radio interference. We figured it had something to do with the Air Force and we began submitting complaints.

So we called them up and said, “Tell your boys to buzz off, they’re ruining our observations”. They would deny everything.

They would say, “Hey, we don’t have any craft like that! Our guys aren’t out there, nothing like that exists, it’s never been invented”.

We could not get rid of the craft. We would move our telescope up to where we could get a fix on one of these guys to see what was going on. As soon as we got them into our “sights”, they would take off. That was one way to get rid of them, but it would spoil our experiment.

We finally figured out how to get rid of those guys. The next time they came down we called the Ottawa newspaper and we called the Russian embassy and let them know what was going on.

After that there were no more problems, the craft never came back. But, I think it is obvious we can expect the defense departments of the various governments of the world to be experimenting with machines, flying machines which they are not prepared to reveal to the public yet.

When we do see something like I have described, do keep in mind it might not be from the planet Mars, it might be from planet Earth. It might be from your local defense establishment Men do make mysterious machines that they are not always prepared to talk about.

**MAXIM 7.** “Do you know the laws of the heavens? Hear you.”

Peter Millman is here quoting Job again<sup>16</sup> and he is making the following point: We do not understand all the phenomena taking place in our atmosphere.

It has just recently been understood by atmospheric physicists that there are inversion layers in our atmosphere which will “bounce” light. You might be looking up in the sky, come across one of these inversion layers reflecting light from the earth’s surface back down towards you. You might see a cluster of several “glowing balls” being reflected off of that inversion layer.

Only fairly recently were we made aware our atmosphere could behave like a mirror. People have known that was true of the ocean, but now we know it is also true of the atmosphere.

Therefore, when we see certain kinds of sightings we must always take into account an element of ignorance we have about the natural world. There will always be a possibility we are trying to investigate something that is an unidentified natural phenomenon.

Millman does not consider the proposition that Unidentified Flying Objects are flying saucers or spacecraft from other planets within our galaxy or some other galaxy in our Universe.

However, I will declare to you in summary that such a proposition is totally absurd.

Now this may be different from what you have been hearing if you have watched Carl Sagan’s COSMOS. He talks about “billions and billions of stars” that exist in our universe and how there must be planets around these billions and billions of stars. And with so many planets there must be thousands or even millions with the capacity to support life.

The next section of this discussion will focus on computing the probability of “life” existing anywhere in our universe and will lead into a specific discussion of the proposition that UFO’s come from other planets within or some other galaxy in our Universe. We shall see that this probability is virtually zero!

---

<sup>16</sup> **Job 38:33**, “Do you know the laws of the heavens, or establish their dominion on the earth?”



## **DESIGN VS. CHANCE: INTER-GALACTIC CONSIDERATIONS FOR THE SOURCE OF UFO'S**

It is important that we look at the real numbers and figure out how many planets there might be capable of supporting life. It is also important that we look at our own planet and ask ourselves the question, "How much can we adjust the parameters of planet earth and still have a planet capable of supporting life?"

If you go through those two steps<sup>17</sup> it will be easy to convince yourself that of all the planets which exist in the universe, this must be the only one that could have the possibility of supporting life. This statement is based on pure statistics.

Let me back up one step. It is not just true that the earth has special characteristics which make it possible to support life, but it is also true of the universe as a whole. We will now show that the universe has been designed.

There are a set of what astronomers and physicists call "amazing coincidences" about the universe.

For example, they have discovered that every one of the fundamental forces of physics is very sensitive to the support of life. That if the force of gravity (gravitational constant) were slightly larger, star formation would be so efficient that our universe could have nothing but large stars. Large stars cannot support planets supporting life. These stars burn up too quickly and they are too bright.

To be in the "right" temperature zone, a planet would have to be too far distant from the star.

On the other hand, if the constant of gravity were very slightly less, then all we could have forming would be small stars. Stars less than 0.8 (4/5ths) times the mass of our star, the sun, are incapable of converting hydrogen and helium into the heavier elements. .

According to theory, the universe begins with only hydrogen and helium. All the heavier elements beyond helium are produced inside the cores of large stars. The view of the universe with no large stars means you have nothing heavier than helium, no carbon, no oxygen, no nitrogen, no magnesium, no iron, etc. That means no human beings. It also means no planets. You cannot have "rocky" planets which are just hydrogen and helium.

The same thing has been found to be true about the "strong" force of nuclear physics and the "weak" force of nuclear physics. Very slight changes in the constants governing those two forces would make it impossible to support life.

And if the force which governs electromagnetism were pushed up or down very slightly, chemical bonding would be impossible. You cannot have life with just atoms, you need to have molecules.

The ratio of the electron and proton mass is very sensitive.

The total mass of the universe must be just right. I often get asked the question, "Why would God create such an enormous universe if His only aim was to have one planet capable of supporting human life?"

Now we know that one needs a universe exactly with the mass of our universe in order to have that one planet. It is important that there be a trillion galaxies with each galaxy having 100 billion stars. If you have more than that or less than that, then you are in trouble.

---

<sup>17</sup> Step 1: Compute the number of planetary candidates which will support life, and Step 2: Compute the probability for life on any one planet. Multiplying these two probabilities together will give us an estimate of the probability of finding another planet in the Universe capable of sustaining biological life.

The distance between stars is important. If the stars are too close together the gravitational interaction of the stars with one another will be strong enough to disrupt the orbits of planets. As it is, the stars are just the right distance apart to have planets in stable orbits.

*(Dr. Ross also briefly mentions the fine structure constant and the carbon-oxygen energy levels).*

These “amazing coincidences” have been described in the following sense. It would be easier for a ball-point pen to stand on its point for a million years without it wavering to one side or another, than to have all the above physical relationships take place by chance. The universe is an incredible “coincidence”.

Many in the astronomical community now recognize that the universe is the product of design. Not chance, but design. Now we can look at the planet earth and come to realize this is true for the earth as well and also in terms of the star around which our planet exists.

Our star, the Sun, is a G2-V type star<sup>18</sup> and it is located about half-way out from the center of a spiral galaxy known as the “Milky Way”. We know that if our star was near the center of the galaxy “life” would be impossible. In regions where the star density is too high (stars are too close together) there is a corresponding higher level of radiation that would not be suitable for “life”. On the other hand, if our star was farther out from the center of the galaxy it would be in a zone where there is not enough ashes from “dead” stars to make planets. Our star happens to be in the right location and it is within the right kind of galaxy.

Another very important consideration is that our star exists all by itself. About half the stars in our galaxy are “partner” stars; also known as “binary star systems”. If you have partner stars, one or two extra stars in the system, it would disrupt the orbits of any planets trying to form in that system. You will not have planets going in an orbit where the temperature will be fairly constant throughout the orbit.

So, you must have a “bachelor” star which our star is.

For example, the star Procyon<sup>19</sup> is a F5-IV star, but it has partners which eliminate it as a candidate for a life supporting planetary system<sup>20</sup>.

You also need a star that is of the right type. There are three types of stars: Population 1, Population 2 and Population 3. As it turns out, only Population 1 stars will have rocky planets.

Our star, the sun, is a Population 1 star.

So we have immediately ruled out many candidate star-planetary systems from Carl Sagan's “billions-and-billions of star systems”.

We have been looking at many parameters. In the book Sagan published in the 1960's he was really only looking at two, mass (size) of the star and location of the planet.

You have to have the right kind of star in terms of mass. If the star is too big (too massive) that means for a planet to be in a zone for the temperature to be right it will be far away. But this also means the planet is going to be around a large star.

---

<sup>18</sup> The sun has an absolute magnitude of about 4.8. It belongs to the spectral class G2 and luminosity group V.

<sup>19</sup> Procyon is a star in the constellation Canis Minor and is sometimes called the Little Dog Star. It has an absolute magnitude of 2.6 and is 1.7 times the radius of our sun.

<sup>20</sup> Alpha Centarii is also a G2-Vstar with an absolute magnitude of 4.4 and a radius of about 1.23 times that of the sun, but it has companion (partner) stars

If you have a star much larger than the sun it becomes more *unstable* in its burning. The larger the star, the more rapidly it burns up its fuel and the more *chaotically* it burns up its fuel (hydrogen). Such a star will change quite erratically in the course of its cycle. And it does not take a star much larger than the sun before you get into “trouble”.

In order for the planet to be in the right temperature zone it must be *much farther away* from that star.

On the other hand, if you go to a star a little smaller than the sun, in order for the planet to be in the right temperature zone it must be *much closer* to that star.

Now the way that gravity operates the closer two objects are to one another the stronger the gravitational interaction. This force varies with the inverse square of the distance ( $R$ ) between the objects ( $1/R^2$ ).

However, the tidal interaction between those two bodies varies with the 4th power of the inverse distance ( $1/R^4$ ). That means when you bring two objects closer together the tidal interaction will go up enormously.

You do not have to bring a planet very much closer to a star than our sun is to our planet before one gets into “trouble”. We can see that with Mercury and Venus. These two planets are so close to our star that the tidal interaction has disrupted their rotational periods.

Our planet earth is going around its orbit with a 24 hour rotational period. What do we find with Venus and Mercury?

You have rotation periods in the months, not hours. That has happened because those planets are so close to the sun that the tidal interaction has caused them to have a tendency to face towards the sun.

This is the same case with the moon. If you look at the moon you will see the same “face” at all times. Although there is a slight jiggling in the moon's orbit, one basically sees the same face at all times. That is because of tidal interaction.

The moon is going around the earth and the earth is “pulling” on the moon. It pulls so strongly that the moon is bulged out by 150 feet towards the earth (i.e. a solid rock bulge of 150 feet). If that little bulge moves one way or another, the earth's tidal action is going to try to realign that bulge in direct line with the earth.

So as the moon goes about its orbit, the tug of the earth is going to cause that bulge to always face towards the earth. The moon is close enough to the earth for such tidal interaction to take place. This is also true of any planet that gets too close to its star.

So, what all this means is that you can only have a star very close to the mass and type of our star, the sun. That rules out vast numbers of stars. As Carl Sagan himself admits, only 2 out of about 10,000 stars (0.02%) would be realistic planetary system candidates. So you rule out 9,998 stars out of a possible 10,000 by the mass requirement alone!

A requirement that goes with the preceding one is that even if you have the right kind of star, the planet has to be the right distance from that star. We now recognize the requirement for life is liquid water. So the planet needs to be in a zone where the temperature will allow the existence of liquid water for the entire orbit around the star<sup>21</sup>.

---

<sup>21</sup> The planetary conditions necessary to support biological life have collectively been given a name; the “Goldilocks Zone”.

If you work out the figures for our planet earth you come to the following results. If you move our planet earth one million miles closer to the sun or one million miles farther away from the sun, you will be outside the correct temperature zone. The earth is approximately 93,000,000 (93 million) miles from the sun. So 1 part in about 100 or 1% of the distance is all you can move.

Only about 4 planets out of 10,000 (0.04%) can be expected to be the right distance (from the right kind of star).

You can begin to see how this is working. The probability of having the right star with the right planet in the right temperature zone on the basis of these two parameters (star size and distance) would be 2 chances in 10,000 times 4 chances in 10,000.

This gives less than 1 chance in 1 million (0.0008%) that you will have the right star, with the planet at the right distance.

We are only going to have 1 star out of 10 of the right age, 2 stars out of 10 in the right location in the galaxy, only 1 star out of 2 will be a bachelor star and only about 1 star out of 3 will be the right type.

Therefore, the probability for all these parameters being right will be:

$$\frac{4}{10,000} \times \frac{2}{10,000} \times \frac{1}{10} \times \frac{2}{10} \times \frac{1}{2} \times \frac{1}{3} = \frac{16}{60,000,000,000} = \frac{4}{15,000,000,000}$$

or less than 4 chances in 15 billion or a chance of only 0.0000000267%.

What we are doing is reducing the billions-and-billions down to hundreds-and-hundreds.

But we can go on.

The axis tilt of a planet has to be inclined at the right angle relative to its orbital plane. If the axis is tilted say, at close to 80 degrees as it is for Neptune, one side of the planet will be pointed towards the sun at all times and the other side always pointed away. That means you will have temperature extremes, one side of the planet will be too hot and the other side will be too cold. So an extreme inclination is possible and that would rule out some planetary candidates, not that many, but it rules out some.

Furthermore, if the planet is rotating too quickly you will have wind storms which will be unacceptable for life. The planet Jupiter for example rotates about once every 10 hours and as a result has wind storms that are typically 1000 miles per hour. (I understand a few nights ago you people here in Anchorage had some high winds, reported as high as 100 miles per hour. This caused some very anxious moments, but multiply that by 10 and I think you would have a situation that would be catastrophic for life).

On the other hand you do not want to go to the other extreme where rotational periods are measured in hundreds of hours instead of 24 hours, as it is for the earth. (Venus for example, rotates on it's axis about once every 224 hours). If the rotation period were several hundred hours then there would be a large temperature difference (gradient) between the "daytime" and "nighttime" of hundreds of degrees. It would be unbearably cold at night and unbearably hot during the daytime.

Let's take a look at our moon as an example. The moon has a rotational period of about 1 month (27.4 days or 658 hours) and it's hundreds of degrees in the daytime and hundreds of degrees below freezing at nighttime. Clearly, that is not acceptable for life. You need a rotational period, of about 24 hours to have "life" properly supported.

You need a planet about the mass of the earth, or the gravity of the earth to support life. We now realize that the earth is very delicately balanced to give us the atmosphere that we have. We will focus on three constituents of our atmosphere; WATER VAPOR, AMMONIA, AND METHANE.

The earth happens to have a surface gravity that is just large enough to keep WATER VAPOR but not so large as to keep AMMONIA or METHANE gases for any length of time. For life to be properly supported the planet needs WATER VAPOR in its atmosphere. If we had no water vapor in our atmosphere we would be in serious trouble.

We need it for our own breathing process, to maintain somewhat of a “green house” effect, and most importantly, we need it to maintain a water cycle. No water vapor, no water cycle. We must have water vapor and we need it in fairly large amounts. Our planet has gravitational force strong enough to retain water vapor.

On the other hand, you do not want to have a build-up of AMMONIA ( $\text{NH}_3$ ) and METHANE ( $\text{CH}_4$ ). If you have a lot of AMMONIA in the atmosphere you are in trouble. (Those of you who have cleaned floors with AMMONIA based fluids know what I am talking about).

If you have ever gotten a strong whiff of an ammonia based cleaner, it is not very pleasant. Yet in that case we are dealing with ammonia in very small amounts.

If you get AMMONIA in very large amounts, then it becomes seriously unpleasant. Or, if it combines with water to make AMMONIUM HYDROXIDE, which is poisonous, then you have a situation that is deadly to life.

You do not want to have METHANE (a flammable gas) either. Too much METHANE in the atmosphere can lead to asphyxiation if the OXYGEN concentration is reduced from 21% to below about 16%. Sources of METHANE include decomposing organic matter, marsh gas and ripening fruit on trees. It is estimated that 16% of the world’s annual METHANE emissions comes from cattle belching it out!

AMMONIA and METHANE dissipate into outer space because earth's gravity is not strong enough to retain those gas constituents; even though the *molecular weight* of WATER is 18, close to that of AMMONIA at 17 and of METHANE at 16. They only differ by a few percent yet only water is retained. That’s a pretty tight balance!

The gravity of our planet is just strong enough to retain the water vapor which is slightly heavier than ammonia or methane. In fact, it *is estimated* that no more than 1 in 1000 (or 1/10th of 1 percent) planets have the right surface gravity to maintain this condition.

So again, those planets that may exist with the “billions and billions” of stars would be reduced considerably if we require a gravitational force similar to earth's.

We need the proper tidal interaction. It has been recently discovered that it is important to have a moon as large as our moon as close to the earth. This accomplishes two things: (1) This helps to stabilize the inclination of the earth's orbit plane axis (rotational axis) but more importantly, (2) it allows the tides along all the shorelines on earth enough movement to keep the coastlines clean.

On the other hand, if we were to bring the moon a lot closer to the earth then the tidal interaction between the earth and the moon would be too great. This would cause tidal waves that would devastate coastlines of land masses.

As it is, we have just the right amount of tidal interaction to keep the earth in a nice stable orbit and our coastlines clean, but not so much as to give rise to tidal forces so extreme as to cause tidal waves!

The same thing is true about a magnetic field. The magnetic field around the earth sets up the protective Van-Allen radiation “belts” (layers of trapped charged particles). They prevent the soft gamma and x-rays from the sun from penetrating down to the surface of the earth where their energy could cause us a good deal of harm. It is possible for life to exist on the surface of the earth because that life is protected from harmful solar radiation.

If the magnetic field were stronger we would have other problems. We would have magnetic storms of such extreme nature as to cause difficulties for life, such as we see on the planet Jupiter.

As it is, our magnetic field is just the right strength, not too strong and not too weak. It is now believed quite rare for a planet to have such a magnetic field.

Our planet earth has an atmosphere which allows it to establish an ozone shield. That ozone shield is important for protecting life from harmful ultra-violet radiation. We are just coming to realize how sensitive that ozone shield really is.

Very slight disturbances in the atmospheric parameters will disrupt the ozone layer and cause it to be destroyed. Our planet happens to have the “right” atmospheric temperature gradients, atmospheric transparency and pressure and an electric discharge rate to make all that possible.

Now I have given you all the important atmospheric parameters that have been investigated.

In addition, we need to realize that the earth's crust has just the right thickness. If you make it a little too thick you “gobble” up (capture) too much oxygen in the crust. If you make the crust a little too thin then it becomes subject to a lot more volcanic activity such as cracking, volcanoes, and earthquakes. Both factors would be detrimental to life. The earth's crust happens to be just the right thickness.

Although many of the parameters discussed so far are independent of one another, some are not. However, if these parameters were completely independent of one another, then the probability of all of them taking place at the same time simply would be; the probability for one multiplied by the probability for the other, and so on<sup>22</sup>.

But, as we have stated previously, some of these parameters are not totally independent, So we need to take that into account and modify our probability accordingly. But, it is also true that we need to keep these parameters at their respective values for very long periods of time. Many astronomers who have investigated these parameters have calculated that the dependency factors involved would roughly cancel out (offset) the requirement to maintain all these parameters at specific values for long periods of time.

Therefore, simply based on the 20 plus parameters we have discussed, we would come to the conclusion (after multiplying their respective individual probabilities together) that there is less than **1 chance in 10<sup>31</sup>** (1 with 31 zeros behind it) of finding a planet satisfying all the right conditions, for the right amount of time to support life<sup>23</sup>.

---

<sup>22</sup> For example, if the probability that baldness would occur in 1 out of 5 men, and the probability that false teeth would be prevalent in 1 out of 10 men, then because false teeth have nothing to do with baldness, we would say the probability of finding a bald man with false teeth is  $[1/5 \times 1/10]$  equal to 1/50; which is 1 chance out of 50. You can use the same method in dealing with the physical parameters of the Universe

<sup>23</sup> This probability is equal to 1 chance out of 10,000 x 1 billion x 1 billion x 1 billion. Or saying it another way, this probability is equivalent to finding 1 black ping-pong ball, at random on the first try, out of 1 million earths filled with white ping-pong balls

In other words, the probability of having a planet capable of supporting life by chance is almost zero. However, it is still a finite probability and we need to answer the question, “How many planets are there in the Universe?”

If we can compute an upper limit on the number of planets in our Universe we can then multiply that number by the probability of a planet satisfying all the right conditions to support life to estimate the probability of finding the number of planets that may be available as the source of intelligent, extraterrestrial life.

If this probability is too small then it will be highly unlikely that earth has been, and is being, visited by aliens from another planet.

Within the last 2 to 3 years, astronomers have been able to determine the size of the Universe to within about 10%. This gives you the following results:

We know that there are no more than 1 to 10 trillion [1 to 10 times  $10^{12}$ ] galaxies in the Universe. Let us take 10 trillion [=10,000,000,000,000] to be the upper limit of the total number of galaxies.

The average number of stars per a galaxy would be about 100 billion [100 times  $10^9$ ]. You multiply those two figures together and you get a rather enormous number: 10 trillion times 100 billion equals 1 trillion times 1 trillion [ $1 \times 10^{24} = 1,000,000,000,000,000,000,000,000$ ] stars!

However, trying to calculate how many planets there are, relative to the number of stars, is very difficult. But, the most optimistic figure commonly quoted is that we might expect an upper limit of as many as 1 planet for every 10 stars (allowing us to get an estimate on the maximum possible number of planets in our Universe).

So, that means the maximum number of planets we would expect for our Universe would be one tenth [1/10] of a trillion times a trillion [ $1 \times 10^{24} = 1 \times 10^{23}$ ] equal to 100 billion times a trillion; the number 100,000,000,000,000,000,000,000! That’s a lot of potential planets in the Universe!

However, the previous number for the probability of a planet having the right parameters to support life was one chance out of 10 million times a trillion times a trillion or 1 chance out of  $10^{31}$  equal to a probability of  $1/10^{31} = 10^{-31}$ . That is an extremely small probability, virtually zero!

The possibility of finding one planet with having just the “right” conditions to support life would be the estimated number of planets in the Universe [ $1 \times 10^{23}$ ] multiplied by the probability of having the right planetary conditions for life [ $1 \times 10^{-31}$ ] =  $1 \times 10^{-8} = 1/10^8$ ; which is 1/100 million.

That results in only **1 chance in 100 million** that you will find one planet with the capability of supporting life! This has led some astronomers to the conclusion that not only does our Universe have design characteristics, but so does the earth as well since it had only 1 chance in 100 million of existing with life. One can easily come to the conclusion that the earth has been designed for life (i.e., it is not here by chance); which is what the Bible teaches<sup>24</sup>.

---

<sup>24</sup> “For thus says the LORD, who created the heavens, who is God, who formed the earth and made it, who has established it, who did not create it in vain, who formed it to be inhabited: I am the LORD, and there is no other”; **Isaiah 45:18**.

How does this conclusion bear on flying saucers and UFO's? In this way: The flying saucers are not craft from other planets in our galaxy, or even our Universe that are coming here to "check us out". We have to face the fact that given the previous probability, we are alone among all the planets in the Universe. (And I have not even dealt with biological "life" itself. We will do that next).

Since we know the physical limits of the Universe, not only can we rule out a planet capable of supporting life by chance, but we can rule out biological "life" based on chance as well.

Because we know the physical limits of the inorganic (non-biologic) Universe are constrained by roughly  $10^{80}$  [1 with 80 zeros after it] fundamental particles, we can calculate the "information content" that Universe has.

How many instructions does one have to give to specify the distribution of  $10^{80}$  inorganic particles in the Universe? (i.e., assuming" the Universe is "dead", devoid of life). Just to specify the distribution, it does not matter how one interchanges those particles—that makes no difference at all.

So the maximum amount of information our Universe could have would be  $10^{80}$  "bits" of information or  $10^{80}$  instructions.

In point of fact, the Universe is organized into repetitive cycles or systems. There are atoms and molecules, and these make up stars and planets, those tend to be repetitive. Let's assume that these repetitive cycles and systems represent a "reduction factor" of  $10^{14}$  to  $10^8$  in the number of fundamental particles.

Dividing the number of fundamental particles in the Universe by these reduction factors the number  $10^{80}$  would be reduced down to about  $10^{66}$  to  $10^{72}$  instructions.

Now you come to life. Take one cell out of the human body. How many instructions are required to specify the complexity of a single human cell? A biochemist will say that you need a minimum of 10 to the 200 millionth power (i.e.,  $1 \times 10^{200,000,000}$  or 10 multiplied by itself 200 million times) of instructions to specify the locations of all the amino acids.

Unlike the inorganic Universe, the sequence of the components and sequence of amino acids in DNA makes a big difference! You cannot just mix them at random, the order is **very important**.

Whereas in the Universe it doesn't matter whether a hydrogen atom is "here" or over "there"; in living organisms the sequence of amino acids in the DNA matters. Therefore, the information content in living organisms is much, much higher.

Here is the problem one is "stuck with". A single human cell has about  $[1 \times 10^{200,000,000} / 1 \times 10^{72}] = 1 \times 10^{128,000,000}$  [10 raised to the 128 million power times more information than the entire inorganic Universe!

The strictest statement of the second Law of Thermodynamics is that information does not naturally increase with time in a closed system, (i.e., order naturally decreases, order cannot occur spontaneously within a closed system).



Our Universe is a thermodynamically closed system. Material outside the Universe cannot possibly influence what is inside the Universe<sup>25</sup>. Since we are dealing with a system that is thermodynamically closed, it would be impossible for the Universe, through natural (random and spontaneous) processes, to form life<sup>26</sup>! (There is much more information available supporting this argument than time here allows).

We have now established two very important parameters in our discussion concerning UFO's:

**The probability that other planets exist within our expansive Universe capable of supporting life is virtually zero.**

**The complexity and information content of DNA must be the product of design by a supernatural (divine) Creator.**

We will now take up the subject of flying saucers and UFO's armed with these insights.

### **UFO PHENOMENON: A SPECIFIC DISCUSSION**

In the previous general discussion I simply wanted to point out that this question of beings from another planet, sending spacecraft to our planet, does not hold up under the close investigation of science<sup>27</sup> when we realize these things will not happen by chance. The Universe is not a chance occurrence, neither is the earth, and neither is life itself. We have to realize that the Creator is responsible for all things.

This subject of extraterrestrial life has been discussed on the Senate floor. These figures of the probability of life were bandied about by senators as they were discussing whether or not to spend your tax dollars looking for intelligent life elsewhere in the Universe.

Senator Proxmire got up and said, "With numbers like this, why bother? It's hard enough to find intelligent life here in Washington, why look for it elsewhere in the Universe?"

However, I want to tell you that Senator Proxmire is now being ignored. I was here in Anchorage two years ago talking about this and I can tell you many more millions of your tax dollars are being wasted on this search for intelligent life than there were when Senator Proxmire made his little joke.

And it was not just a joke, he was dead serious. Why waste tax dollars when something is as absurdly remote as this? But the tax dollars are being wasted because scientists have chosen to believe a lie. They have given up hope in the God of the Bible, and they are placing their hope in a non-existent possibility that there is intelligent life that has figured out the answers to life and if we contact them they will tell us those answers. That is what is going on.

Now as an astronomer, I am particularly grieved because valuable telescope time is being wasted to look for this non-existent life. We could be using those telescopes to learn a lot more about the astrophysical characteristics of galaxies and stars in our vast Universe.

---

<sup>25</sup> What about other universes? If there was material outside our Universe it would have to contain more complexity and information than even a single human cell. It has already been shown that our own Universe falls significantly short of the required information content. What would make another universe, if it existed, vastly different?

<sup>26</sup> Our Universe would have required" 10 to the hundreds of millions times more information content than it's present level to have decreased it's previous order to make it possible to naturally "create" life and still exhibit it's present state of complexity!

<sup>27</sup> Refer also to the discussion in the Appendix.

So in review, a theory that life originates on its own is absurd. If there is life out there in the Cosmos then God supernaturally created it! It was a product of design, not a product of chance.

But we are not dealing with physical reality. One thing the Canadian astronomer Peter Millman points out is that in spite of the millions of UFO sightings every year, in spite of the thousands of encounters of the 2nd and 3rd KIND, we have yet to come up with a real UFO artifact. We have yet to come up with anything we can put into a museum. No debris, no artifacts<sup>28</sup>. Out of thousands of encounters there should be at least one piece of “conclusive” physical evidence!

I would now like to go back to the proposition which proposes that UFO's are flying saucers or spacecraft from other planets in our Universe. Not only is there no possibility that we are being “visited” in terms of natural processes, this has implications for all UFO phenomena [e.g., lights, spacecraft shape and behavior, radar detections and visual sightings].

Let me review for you some of the non-physical characteristics of UFO's.

At the same sighting a UFO may be seen but not photographed or photographed but not seen. That is not true of physical objects. If you can photograph it, you should be able to see it, if you see it; you should be able to photograph it. But it has been noted about UFO's that they will violate that “rule”.

And this is also true about radar UFO sightings. Sometimes you can “see” a UFO on radar and not see it visually with the eye. Or someone will see a UFO with the eye and not pick it up with radar.

No sonic booms. We have many documented cases where the UFO in question must be flying at velocities far exceeding that of sound, up to 18,000 miles per hour<sup>29</sup>, and yet not in one instance has there been a sonic boom. We must remember that any physical object traveling at velocities exceeding sound must cause a sonic boom. But with UFO's, not one case of a sonic boom.

Some UFO's project light beams of finite length. It is like what we see in the film “Star Wars”. This person has a little rod and it shoots out a beam of light and it goes out so far, maybe a few feet, and then it abruptly stops.

We observe the same phenomena with UFO's. They will send out beams of light which will go out only so far and then stop. That does not follow what we know to be true about the properties of light. For example, if you have a flashlight and turn it on, it is going to throw a beam of light until it dissipates. Even a laser beam can be projected from the earth to the moon. The flashlight or laser is not going to project a bright beam of light 10 feet and then just “stop dead”.

UFO's are frequently reported to violate the laws of physics.

One example is UFO's making sharp right angle turns at about 18,000 miles per hour. You know what happens to you in a car. If you make a sharp right angle turn in a car your body gets slammed against the inside of the car. Now if you increased the velocity a little and you are moving at 60 miles per hour and decide to make a sharp right angle turn, you are going to have an accident.

If you were to do that at 18,000+ miles per hour, the authorities are not going to be able to report either you or the car. Real physical objects cannot do that and survive.

But UFO's are doing this all the time.

---

<sup>28</sup> The story of a flying saucer crash and recovery of alien bodies in Roswell, New Mexico in 1947 has fairly recently proven to have been an elaborate and conspiratorial hoax to gain publicity and measure public response.

<sup>29</sup> This happens to be the “orbital velocity” for space satellites.

UFO's change shape, size and color at random. "Real" objects do not do that. It would be like seeing this young man here moving towards me and he would become 18 feet tall, shrink to 3 feet tall and go back up to 6 feet tall. I would have good cause to doubt his physical reality.

Then if he were to change shape from oblong to round to square, I would begin to scratch my head.

During the same sighting, a UFO may disappear, reappear, disintegrate and come together again. I will use the young man as an example again. If he were walking towards me and I would see him, then he would disappear for 10 feet, then reappear for 10 feet, disintegrate into say 10 little "pieces" and then come back into one person again, I would have serious cause to doubt his physical reality. But we see that happening with UFO's.

No electromagnetic communication. When I was giving you that story about the craft that was hovering over our radio telescope, I forgot to mention we were getting radio interference. With UFO's, no radio contact, no electromagnetic signals of any type. They apparently are not "communicating" by using radio frequencies. We have many sightings involving dozens of flying saucers flying over a city at one time. Yet you "listen" to see if they are reporting anything to one another and all you get is "dead silence".

Of the electromagnetic phenomena which are verifiable, the electromagnetic forces seem to be highly directional or localized. We are talking about car engines that are being distorted by huge magnetic fields. Yet we detect no other magnetic disturbance in the area.

High resolution photographs of UFO's reveal no external structure or texture.

There is no physical uniformity to UFO's. If we were really talking about "real" physical craft those designing and building them would have discovered what Henry Ford discovered many decades ago. Namely, that it is cheaper to make a few good models by assembly line.

But the thing we observe with UFO's is that they are all different. "They" do not put out one model of flying saucer for a given year. It is like Ford Motor Company putting out millions of cars each year and every car is different from the other. UFO's, if they were really physical, are not very efficient in terms of economics.

There are no "real" UFO artifacts or crash debris<sup>30</sup>. The reason I do not believe the Mormons when they talk about coins and swords of steel in America before Columbus is that nothing like that ever shows up in a museum. When a Mormon missionary comes to my door I say, "Can you show me one of those coins, or at least tell me which museum I can go to and see one of those coins. I would like to see one of those scimitars<sup>31</sup> you are talking about. Can I put my hands on one of them? Have you ever put your hands on one of them?" It has no credibility because none of these things has ever shown up.

The same thing is true about UFO's.

---

<sup>30</sup> Although some UFO artifacts are claimed to exist, such as the classic example of Roswell, New Mexico (1947) where alien bodies and flying saucer debris were supposedly recovered, not a single one has proven verifiable or been substantiated out of millions of sightings annually.

<sup>31</sup> Scimitar, a saber-sword made of a large curved blade with the edge on the convex side and used chiefly by the Arabs and Turks.

## UFO PHENOMENON: THE ONLY PLAUSIBLE EXPLANATION

Therefore, based on the previous discussions, we can safely conclude that as far as UFO's are concerned, not only is it ridiculous to say that they come from other planets with highly intelligent societies, but it is also equally improbable that the UFO phenomena we observe are physical.

This leads me to a discussion of this last conclusion concerning UFO's: Unexplained UFO phenomena appear to be **non-physical in nature**.

The United States space agency, NASA, has done some investigation of the non-physical aspects of UFO's. This is what they say,

“Visitations or communications would have to come from beings who had learned to travel at least at the speed of light and probably much faster. Perhaps to the point of being able to arrive at their destination by the time they completed the thought process deciding to go. Such accomplishments would automatically put them into a non-physical realm, defining the habitat of such entities as transcending space and time”.

These are the conclusions of NASA, and if true, make this not a physical phenomena, but a super-natural—a spiritual phenomena!

The weight of evidence is such that most investigators of UFO's have come to the conclusion that this is not a physical phenomenon.

I can quote you from the UFO investigator John Keel, a self-described agnostic. I can quote you from J. Allen Hynek and Jacques Vallée; two other very well-known UFO researchers.

These UFO researchers have come to the same general conclusion that UFO's are not a physical phenomenon. Concerning these UFO craft (or flying saucers) they offer the general proposition that; “.....the bizarre aspects of UFO's may be part of some purpose to mislead mankind.”

But we have the weight of evidence that UFO's really do exist, things are happening. Unexplained sightings occur each day. Grass is being burnt, trees are being destroyed, people are being killed and women are being raped. Things are happening.

I am sure the Japanese airline pilots<sup>10</sup> were convinced they were dealing with something “real”. Yes, it is real, but it is not physical.

That which is real, but not physical, must be non-physical, outside space and time. And that automatically puts it into a definition of that which is **super-natural** or **spiritual**.

Let me also quote you from **John Keel**, an agnostic who spent his life investigating UFO's. Keel says,

“The bizarre aspect of UFO's may be part of a whole plan that there is a UFO ‘fifth column’<sup>32</sup> to purposely mislead us”.

And he also points out that the messages which come from UFO's (and they exist in abundance) are identical to

“.....the messages long received by mediums and mystics”.

---

<sup>32</sup> “Fifth column”; refers to a group of persons who have infiltrated and are living undercover within a country and who secretly aid it's enemies, especially by sabotage or espionage.

And I go on to quote,

“Demonology is not just another 'crackpot-ology', it is the ancient and scholarly study of monsters and demons who have seemingly co-existed with man throughout history. Uncounted numbers of well documented demonic events are readily available to every researcher and they correspond one-to-one with the phenomena which take place with UFO's.”<sup>33</sup>

***The following two quotes from John Keel were added by the transcriber:***

“The Devil and his demons can, according to the literature, manifest themselves in almost any form and can physically imitate anything from angels to horrifying monsters with glowing eyes. Strange objects and entities materialize and dematerialize in these stories, just as the UFOs and their splendid occupants appear and disappear, walk through walls, and perform other supernatural feats.”<sup>34</sup>

“Thousands of books have been written on the subject, many of them authored by educated clergymen, scientists and scholars, and uncounted numbers of well-documented demonic events are readily available to every researcher. The manifestations and occurrences described in this imposing literature are similar, if not entirely identical, to the UFO phenomenon itself. Victims of demonomania (possession) suffer the very same medical and emotional symptoms as the UFO contactees....”<sup>35</sup>

***The following two quotes from Jacques Vallée were added by the transcriber:***

**Jacques Vallée**, a leading international UFO researcher<sup>36</sup> has written<sup>37</sup>:

“I propose the hypothesis that there is a control system for human consciousness.....that what takes place through close encounters with UFOs is control of human beliefs, control of the relationship between our consciousness and physical reality, that this control has been in force throughout history and that it is of secondary importance that it should now assume the form of sightings of space visitors”.

**Jacques Vallée** also reminds us:

“Belief in the reality of UFO's is spreading rapidly at all levels in society throughout the world. Books and periodicals appear at an ever-increasing rate. Documentaries and major films are being made now by young people of the 'UFO generation' (young men and women who were born just after World War II and who grew up with flying saucer stories) who have moved into influential positions in the (*film*) media.”<sup>38</sup>

***The following quote from Allen Hynek was added by the transcriber:***

“.....Certainly the phenomenon has psychic aspects. I don't talk about them very much because to a general audience the words “psychic” and “occult” have negative overtones. They say, “Aw, it's all crazy.” But the fact is that there are psychic things, for instance, UFO spacecraft materialize and dematerialize (also aliens going through walls). There are people who've claimed to have developed psychic ability. There have been.....reported cases of pre-cognition, where people had foreknowledge or forewarning that they were going to see something. There has been a change of outlook, a change of philosophy of persons' lives.....

---

<sup>33</sup> Refer to John Keel, *Operation Trojan Horse* (1996), p.192.

<sup>34</sup> Ibid.

<sup>35</sup> Ibid.

<sup>36</sup> The character (Claude Lacombe) playing the role of a French scientist and UFO investigator in the block-buster movie, “*Close Encounters of the Third Kind*”, was based on Jacques Vallée.

<sup>37</sup> Jacques Vallée, *The Encyclopedia of Extraterrestrial Encounters* (2001), pp.753-754.

<sup>38</sup> Jacques Vallée, *Messengers of Deception* (1979) And/Or Press, Berkeley, CA; p.9.

.....Now, you see, those are rather tricky things to talk about openly, but it's there. Many people, like Jacques Vallée and I, to some extent, feel that it might be a conditioning process".<sup>39</sup>

***The following quote was added by the transcriber:***

"I noticed a drastic change.....in the attitudes of several of the abductees from one meeting to the next. People who had been traumatized all their lives by ongoing abductions and had only anger and mistrust for their non-human abductors suddenly started saying they had been told/shown that everything that has happened to them was for their own good, that the abductors are highly spiritual being and are helping them (the abductee) to evolve spiritually. By accepting this information, the abductees stopped fighting abduction and instead became passive and controlled. When I checked with other researchers, I found that this was a pattern that was repeating itself over and over again around the country. I became concerned that abductees were accepting these explanations from entities that we know can be deceitful....."<sup>40</sup>

***The following quote was added by the transcriber:***

"A large part of the available UFO literature is closely linked with mysticism and the metaphysical. It deals with subjects like mental telepathy, automatic writing and invisible entities as well as phenomenon like poltergeist manifestation and possession. Many of the UFO reports now being published in the popular press recount alleged incidents that are strikingly similar to demonic possession and psychic phenomenon that have long been known to theologians and parapsychologists".<sup>41</sup>

Let me give you some of that evidence (*that has been alluded to*). I will start first with John Keel's statement that, ".....UFO messages are identical to the messages long received by mediums and mystics". More explicitly, when they communicate, usually by automatic writing, they promote racism, illicit sex, drug abuse, astrology, humanism and occult practices.

There has even been what happened in the 1960's when beings, supposedly from these flying saucers, communicated through automatic writing a "counter" Bible—a book called the URANTIA BOOK<sup>42</sup>.

Describing the URANTIA BOOK, it is a big, thick book whose content was supposedly given to us by UFOnuts. That book is focuses on denying the tenets of the Bible. It spends two-thirds of its printed word denying the deity of Jesus Christ, denying the existence of heaven and hell, that God will judge us and denying salvation by grace through Christ alone. Moreover, this book like other occult books includes scientific and historical errors in abundance and also contradictions.

Something that has been a part of the whole UFO phenomena for the last several decades are statements to the effect that there are cities on the back side of the moon. That was popular before 1969, before man orbited and landed on the moon. You do not see this among UFO literature of today.

---

<sup>39</sup> Dr. J. Allen Hynek, *Today's Student*, (1978). Dr. Hynek served as a technical consultant during the filming of the block-buster movie, "*Close Encounters of the Third Kind*"; and he actually makes a cameo appearance in the closing scene.

<sup>40</sup> Abduction researcher Donna Higbee, "*New Abductee Trend*" (2003).

<sup>41</sup> Lynn Catoe, Science and Technology Division of the Library of Congress, USA; *UFOs and Related Subjects-An Annotated Biography* (1969), U.S. Government Printing Office.

<sup>42</sup> Published by the URANTIA Foundation, 533 Diversey Parkway in Chicago, Illinois 60614. (312) 525-3319.

But back in the 1950's that was a popular thing coming out of UFOology. Then it was common to read about these “people” who were on the backside of the moon and the surface of Saturn and on Jupiter and Mars. Even on the surface of the Sun.

Scientific and historical errors are continuing. But we see this is also taking place in the realm of the occult in terms of witchcraft and demonology. You get the same kind of erroneous information coming through. Errors in terms of science and history and a focus on the denial of the deity of Jesus Christ also abound.

UFO contactees suffer the same physical, mental, emotional and spiritual symptoms as do victims of demonism. For example, they will report voices in the mind. People who work with spirit mediums report the same thing. This is also true of those who have contact with UFO's.

The incidents of crimes such as kidnapping, rape, murder, assault and property damage is significantly higher among UFOonauts (aliens) than for the population at large. This by more than a factor of 100. This is also true of those demons coming from mediums who are calling them out.

Books and literature dictated by UFOonauts include content identical to the books and literature produced through occult automatic writing.

Cars reported to have been driven by UFOonauts are found to have unregistered license plates. (Figure that one out!). But that is also true in the realm of witchcraft. Demonic entities will be reported driving cars which have phony license plates so reporting the license plate would not do you much good.

Both UFO and demonic phenomena are much more frequent in darkness or in dim light than normally occurring when it is light. Ever wonder why UFO phenomena usually take place at night or on days that are very dark? That is also true of occult phenomena.

UFOonauts “preach” the New Age message, that we have within ourselves the power to achieve perfection without Jesus Christ.

I want to remind you this is the message you also hear from Carl Sagan and Isaac Asimov, who popularized the whole idea that there is intelligent life out “there” in the Universe that is trying to contact us. They are convinced there is hope 'outside” Jesus Christ and that hope will come through these “people” and that we are going to discover we have a human potential which will allow us to bypass submitting our lives to the control of Christ.

Both UFO's and demonic activity dazzle man with displays of miraculous powers and abilities. In the case of UFO's, turning right angle corners at 18,000 miles per hour for example.

UFOonauts and spirit mediums predict the future amazingly, but not with total accuracy.

Noxious odors often accompany UFO events. Very frequently smelly odors are reported by witnesses of UFOonauts. This is also true of demonic phenomena.

Abnormally high death, suicide and insanity rates are observed among UFO contactees and researchers. UFO contactees have been seen to die having the flesh fall off their bones where they stood.

This has been documented. A man was witnessed going up towards a flying saucer, went inside, supposedly talked to these beings, came back outside and as he went back towards his friends died that kind of death. Thirty-three witnesses saw that take place.

UFO-nauts are often featureless. You look at them and all you see is a blurry face. That has been true for those who have been calling out demons. They will see the same kinds of things take place.

UFO's and demonic experience seem to occur almost exclusively among those people who have opened some "door" into the world of the occult. For example (this is something I did not pull out of other research but from my own experience), I discovered very early that there seemed to be this correlation. I noticed it among my astronomy colleagues as I was struck by the fact of one astronomer who came up for just a few hours of observation on our telescope once a year.

Yet he was consistently seeing UFO's. There were three of us logging more than 1500 hours a year and none of us ever saw a UFO. Why was he seeing all the UFO's and we were not seeing anything? Well, it turns out he had been fooling around with the occult, Ouija board and all the rest of it. He had an open door to occult practices and we did not.

So from that time onward I would ask people who reported UFO's which defied natural explanation as to their background in occult activities. Over the years I have discovered a one to one correspondence. Those who have opened doors to occult practices see these things, those who have not, do not<sup>43</sup>. Maybe that is why 1 out of every 10 Americans<sup>44</sup> sees UFO's and 9 out of 10 do not.

The demonic theory of UFO's is the only exception to Garrin's law. Garrin as an UFO investigator made this statement, "In UFOology any law is immediately violated by subsequent sightings". There is only one consistent thing we can say about UFO's and that is it is consistent with super-natural, specifically demonic, power being behind the phenomena.

It tells us in 2 Thessalonians<sup>45</sup> that God will pour out a powerful delusion upon those who reject His truth, such that they will believe a "grand" lie.

What I am seeing among my science colleagues is this. In science we have been given overwhelming evidence for God's existence. Not just for God's existence, but also for the fact that the God who exists and created the universe must match the characteristics of Him that we see described in the Bible. The evidence for that is staggering.

Some of that evidence I have shared with you this week. But there are colleagues of mine who have chosen to reject that staggering evidence. They have rejected what they know to be true. The Bible warns us that when we do that we will receive a powerful delusion and believe the "lie".

---

<sup>43</sup> There is also the very significant fact that born-again Christians are not plagued by UFO's or abductions. It is to be noted that, as far as is currently known, born-again Christians have been completely immune from "alien abductions" and visitations. If a Christian does start to have a close encounter of the 3<sup>rd</sup> kind, as soon as he/she cries out in the "Name of Jesus" the phenomenon stops and the "alien" instantly disappears! Thus, this phenomenon is not so much physical as it is *supernatural* and *spiritual*! Please also keep in mind that Satan, and his demon cohorts, evidently have the ability to transform themselves into "physical objects" that can be seen, touched and even sensed by radar beams and electrical instruments. And the Bible tells us that Christians are of God *"and have overcome them because greater is He who is in you (Christ Jesus), then he (Satan) who is in the world"* (1 John 4:4).

<sup>44</sup> Polls have shown that upwards of 20 million Americans claim to have seen a UFO and, shockingly, over 4 million claim to have been physically abducted by aliens.

<sup>45</sup> **2 Thessalonians 2:5-12.**



The lie that they are choosing to believe is this: God does not exist, but there are these extraterrestrials that exist. If we form a relationship with them we will come into the knowledge of the truth which will save us.

***The following quote was added by the transcriber and summarizes the situation:***

".....how credible is it to think that literally thousands of extraterrestrials would fly millions of billions of light years simply to teach New Age philosophy.....Why would they consistently lie about things which we know are true and why would they purposefully deceive their contacts?"<sup>46</sup>

I want to tell you this; I believe in extraterrestrial life, I just do not believe it is physical. It is spiritual, it is dangerous and it is demonic. And I am frightened because I see my colleagues, who reject the evidence for God, being so willing to accept this idea that there is salvation through these extraterrestrials. (And are willing to spend your tax dollars on this).

There is a second possible way to look at that powerful delusion. Plotted here are the number of UFO sightings per year per 1 million people (*the plot was not available*). So this is all normalized, it is not affected by population density.

Take 1 million people, how many UFO's do they see every year? What I am pointing out here is a dramatic increase in the number of sightings per year per 1 million persons in the middle 1960's.

Since then the sighting frequency has flattened out. We still get a huge number of sightings, but it is not increasing exponentially like it was. Why just a exponential increase in UFO phenomenon at that time?

Again we can go back to **2 Thessalonians 2:5-12**.

Do you not remember that when I was still with you I told you these things? And now you know what is restraining, that he may be revealed in his own time. For the mystery of lawlessness is already at work; only He who now restrains will do so until He is taken out of the way. And then the lawless one will be revealed, whom the Lord will consume with the breath of His mouth and destroy with the brightness of His coming. The coming of the lawless one is according to the working of Satan, with all power, signs, and lying wonders, and with all unrighteous deception among those who perish, because they did not receive the love of the truth, that they might be saved. And for this reason God will send them strong delusion, that they should believe the lie, that they all may be condemned who did not believe the truth but had pleasure in unrighteousness.

We are told that just before the return of Christ God would allow Satan to powerfully delude those people who have rejected the truth. Maybe this is a "sign" that the coming of the Lord is not too far off!

---

<sup>46</sup> Ankerberg & Weldon, The Facts on UFO's and Other Supernatural Phenomena (1992), p.8.

***The following discussion was added by the transcriber:***

What must a person do to avoid this delusion and be saved? In the “real” Jesus’ own words:

“.....that whoever believes in Him should not perish but have eternal life. For God so loved the world that He gave His only begotten Son, that whoever believes in Him should not perish but have everlasting life. For God did not send His Son into the world to condemn the world, but that the world through Him might be saved.”—**John 3:15-17**

The apostle Paul declares to us:

Moreover, brethren, I declare to you the gospel which I preached to you, which also you received and in which you stand, by which also you are saved, if you hold fast that word which I preached to you—unless you believed in vain. For I delivered to you first of all that which I also received: that Christ died for our sins according to the Scriptures and that He was buried, and that He rose again the third day according to the Scriptures.—**1 Corinthians 15:1-5**

But what does it say? “The word is near you, in your mouth and in your heart” (that is, the word of faith which we preach): that if you confess with your mouth the Lord Jesus and believe in your heart that God has raised Him from the dead, you will be saved. For with the heart one believes unto righteousness, and with the mouth confession is made unto salvation. For the Scripture says, “Whoever believes on Him will not be put to shame.” For there is no distinction between Jew and Greek, for the same Lord over all is rich to all who call upon Him. For “whoever calls on the name of the Lord shall be saved”.— **Romans 10:8-13**

For they themselves declare concerning us what manner of entry we had to you, and how you turned to God from idols to serve the living and true God, and to wait for His Son from heaven, whom He raised from the dead, even Jesus who delivers us from the wrath to come.  
—**1 Thessalonians 1:9-10**