

# Are We Alone in the Universe?

## A Biblical View of Aliens

*Dr. Ray Bohlin provides a Christian view on the probability and meaning of life on other planets. From a biblical perspective, what would it mean to find evidence of life beyond this earth?*



*This article is also available in [Spanish](#).*

### Life on Mars?

There was great excitement in the media when a group of scientists from NASA announced they had found evidence of life on Mars. Their evidence, an alleged Martian meteorite, was vaulted to center stage, and everyone from CNN to *Nightline* ran special programs with interviews and video footage of the scientists and their prized specimen. President Clinton was so excited by the announcement that he praised the U.S. space program and took the opportunity to establish a bipartisan space summit headed up by Vice President Al Gore to study the future of U.S. space research. Aren't we already doing that?

Anyway, clearly this announcement took the country by storm. Some of the scientists were embarrassingly gushing about how significant these findings were. The media frenzy was prompted by the early release of an article from the journal *Science*, the premier scientific journal in the U.S. The article was due out the following week, but *Science* decided to release it early because it had leaked out.

Here's what the excitement was about. A group of scientists had studied a meteorite that had been found in the ice of Antarctica. Previously, it had been determined that this meteorite had originated on Mars by studying the gaseous content of glass-like components of the meteor. The gas

composition matched very well the atmosphere of Mars. This conclusion seems reasonable.

So, they presumed they had a meteor from Mars. Next they looked for evidence of life on and in the crevices of the meteor. They found two types of molecules that can form as a result of life processes, carbonates and complex molecules called polycyclic aromatic hydrocarbons or PAHs. They also found shapes in the rock that resembled those of known microfossils on Earth. Microfossils are fossils of one-celled organisms which are rather tricky to interpret.

Well, what does this mean? Obviously, the NASA scientists felt the things just mentioned provided ample evidence to conclude that life once existed on Mars. However, the chemical signs could all be due to processes that have nothing to do with life, and the supposed microfossils are 100 times smaller than any such fossil found on Earth. Other groups that studied this same meteorite concluded that either the temperature of formation of the chemicals was far too high to allow life (over 700 degrees C) or that other chemical signals for life were absent. John Kerridge, a planetary scientist from the University of California at San Diego, said, "The conclusion is at best premature and more probably wrong." But listen to the concluding statement in the paper in *Science*:

*Although there are alternative explanations for each of these phenomena taken individually, when they are considered collectively, particularly in view of their spatial association, we conclude that they are evidence for primitive life on Mars.*[\[1\]](#)

In plain English, there are reasonable non-life explanations for each of the evidences presented, but we just think that they mean there is life on Mars. The evidence *is* very equivocal and was challenged by many other scientists, but the media did not report that as fully. But maybe they are right!

In fact, there is one simple explanation that is consistently ignored by media and scientists alike. If there really is, or has been, life on Mars, what could that possibly mean for evolution, and more importantly, does it somehow refute creation? We'll look at that next.

## **What Would Life on Mars Mean?**

Because of the recent announcement of signs of life on Mars, many people were encouraged in their belief that we are not alone in the universe. These signs are far from certain and probably wrong, but if it's true, what would these results mean to evolutionists? Moreover, is there any reason for Christians to fear confirmation of life on Mars?

Let us assume, then, for the moment that the evidence from this Martian meteorite is legitimate evidence for life on Mars—life that at some point in the past actually existed on Mars. What would it mean?

For evolutionists the evidence is perceived as confirmation that life actually arises from non-life by purely chemical processes. In addition, evolutionists draw the conclusion that life must be able to evolve very easily since it did so on two adjacent planets in the same solar system. Therefore, even though origin of life research is actually at a standstill, such a discovery seemingly confirms the notion that *some* chemical evolution scenario *must work*. I will address this assumption later.

On the other hand, some have stated that if there is life on Mars, creationism has been dealt a death blow. They rationalize that since (1) we now know that life can evolve just about anywhere, and (2) the Bible never speaks of life anywhere but on Earth, the Bible is, therefore, unreliable. Besides, they reason, why would God create life on a planet with no humans? However, since the Bible is absolutely silent on the subject of extra-terrestrial life, we can make no

predictions about its possibility. God is certainly free to create life on planets other than Earth if He chooses.

Getting back to the evolutionists' glee at the possibility of life evolving on other planets, the real question is whether this is the proper conclusion if life is indeed found on Mars? The simple answer, inexplicably avoided by the media, is NO! The simplest answer to the possible discovery of life on Mars is that the so-called "Martian life" actually came from Earth!

Think about it this way. The meteorite that was found is supposed to have existed on Mars previously. How did it get to Earth? Well, it is hypothesized that a large meteorite crashed into Mars throwing up lots of debris into space, some of which finds its way to Earth and at least a few of which are found by Earthlings. If you are thinking with me, you now realize that the same scenario could have been played out on Earth.

Evolutionists suggest that the Earth was under heavy meteor bombardment until at least 3.8 billion years ago—about the time they say life appeared on Earth. Christian astronomer Hugh Ross states it this way:

*Meteorites large enough to make a crater greater than 60 miles across will cause Earth rocks to escape Earth's gravity. Out of 1,000 such rocks ejected, 291 strike Venus, 20 go to Mercury, 17 hit Mars, 14 make it to Jupiter, and 1 goes all the way to Saturn. Traveling the distance with these rocks will be many varieties of Earth life. {2}*

Ross also documents that many forms of microscopic life are quite capable of surviving such a journey. All this is quite well known in the scientific community, but I have not seen it mentioned once in any public discussion. I believe the reason is that the possibility of life having evolved on Mars is too juicy to pass up.

# The Improbability of Life Elsewhere in the Universe

I would like to address the amazing optimism of so many that the universe is teeming with life. No doubt this is fueled by the tremendous success of such science fiction works as *Star Wars* and *Star Trek* which eloquently present the reasonableness of a universe pregnant with intelligent life forms.

Inherent within this optimism is the evolutionary assumption that if life evolved here, certainly we should not arrogantly suppose that life could not have evolved elsewhere in the universe. And if life in general exists in the universe, then, of course, there must be intelligent life out there as well.

This is the basic assumption of the SETI program, the Search for Extra-Terrestrial Intelligence. This is the program, now privately funded instead of federally funded, that searches space for radio waves emanating from another planet that would indicate the presence of intelligent life. But is such a hope realistic? Is there a justifiable reason for suspecting that planets suitable to life exist elsewhere in the universe?

Over the last two decades scientists have begun tabulating many characteristics of our universe, galaxy, solar system, and planet that appear to have been finely-tuned for life to exist. Christian astronomer and apologist, Dr. Hugh Ross documents all these characteristics in his book *Creator and the Cosmos*, [{3}](#) and is constantly updating them. In the book's third edition (2001), Ross documents 35 characteristics of the universe and 66 characteristics of our galaxy, solar system, and planet that are finely-tuned for life to exist.

Some examples include the size, temperature, and brightness of our sun, the size, chemical composition, and stable orbit of Earth. The fact that we have one moon and not none or two or three. The distance of the Earth from the sun, the tilt of the earth's axis, the speed of the earth's rotation, the time it

takes Earth to orbit the sun. If any of these factors were different by even a few percent, the ability of Earth to sustain life would be severely compromised. Recently it has been noted that even the presence of Jupiter and Saturn serve to stabilize the orbit of Earth. Without these two large planets present exactly where they are, the Earth would be knocked out of its present near circular orbit into an elliptical one, causing higher temperature differences between seasons and subjecting Earth to greater meteor interference. Neither condition is hospitable to the continuing presence of life.

Ross has further calculated the probabilities of all these factors coming together by natural processes alone to be  $1 \times 10^{-166}$ ; that's a decimal point followed by 165 zeroes and then a one. A very liberal estimate of how many planets there may be, though we have only documented less than 100, is  $10^{22}$  or 10 billion trillion planets, one for every star in the universe. Combining these two probabilities tells us that there are  $10^{-144}$  planets in the entire universe that could support life. Obviously this is far less than one; therefore, by natural processes alone, we shouldn't even be here—let alone some kind of alien life form.

So unless God created life elsewhere, we are alone, and for the materialistic evolutionist, this is a frightening thought.

## **Problems with Chemical Evolution on Earth**

The statistics given above mean that we are really alone in the universe and that there is no hope of finding intelligent civilizations as in the television program *Star Trek*. While it means there is no one out there to threaten our survival, there is also no one out there to save us from our own mistakes.

This observation highlights why I believe the scientific

community and the media became so excited about the possibilities of life on Mars. Efforts to determine how life could have evolved from non-living matter have been so fraught with problems that it makes the possibility of life elsewhere extremely remote. But if it could be proved that life evolved elsewhere, then it would demonstrate that life springs up rather easily, and we just haven't found the right trick here on Earth to prove it. But this just leapfrogs the problem.

But is the evolution of life from non-living chemicals really that impossible? The difficulties fall into three categories, the Chemical Problem, the Thermodynamic Problem, and the Informational Problem. These issues are presented comprehensively in a book by Thaxton, Bradley, and Olsen titled *The Mystery of Life's Origin*<sup>{4}</sup> and in a chapter in the edited volume by J. P. Moreland, *The Creation Hypothesis*.<sup>{5}</sup>

*Chemical Problems* are illustrated by the difficulty in synthesizing even the simplest building block molecules necessary for life from inorganic precursors. Amino acids, sugars, and the bases for the important nucleotide molecules that make up DNA and RNA were all thought to be easily synthesized in an early Earth atmosphere of ammonia, methane, water vapor, and hydrogen. But further experiments showed this scenario to be unrealistic. Ammonia and methane would have been short-lived in this atmosphere; the multiple energy sources available would have destroyed the necessary molecules and water would have broken apart into hydrogen and oxygen. The oxygen was scrupulously avoided in all prebiotic scenarios because it would have poisoned all the necessary reactions.

*Thermodynamic Problems* arise from the difficulty in assembling all these complex molecules that would have been floating around in some prebiotic soup into a highly organized and complex cell. To accomplish the task of achieving specified complexity in life's molecules such as DNA and proteins, the availability of raw energy for millions of years is not enough. All systems where specified complexity is produced

from simple components requires an energy conversion mechanism to channel the energy in the right direction to accomplish the necessary work. Without photosynthesis, there is no such mechanism in the prebiotic Earth.

*The Informational Problem* shows that there is no way to account for the origin of the genetic code, which is a language, without intelligent input. Informational codes require intelligent preprogramming. No evolutionary mechanism can accomplish this. Life requires intelligence.

So you can see why evolutionists would get excited about the possibility of finding evolved life elsewhere. It's because life is seemingly impossible to evolve here. So, if it did happen elsewhere, maybe our experiments are just missing something.

## ***Independence Day, The Movie***

In the movie *Independence Day*, an alien battle force swoops down on Earth with the intention of destroying the human race, sucking the planet dry of all available resources and then moving on to some other unlucky civilization in the galaxy. But, those indomitable humans aided by good old American ingenuity outsmart those dull-witted aliens and Earth is saved. The story has been told many times, but perhaps never as well or never with such great special effects. The movie was a huge success.

But why are we continually fascinated by the possibility of alien cultures? The movie gave the clear impression that there must be great numbers of intelligent civilizations out there in the universe. This notion has become widely accepted in our culture.

Few recognize that the supposed existence of alien civilizations is based on evolutionary assumptions. The science fiction of *Star Trek* and the *Star Wars* begins with

evolution. As I've stated earlier, evolutionists simply rationalize that since life evolved here with no outside interference, the universe must be pregnant with life. Astronomer Carl Sagan put it this way after he had reviewed the so-called success of early Earth chemical evolution experiments:

*Nothing in such experiments is unique to the earth. The initial gases, and the energy sources, are common throughout the Cosmos. Chemical reactions like those in our laboratory vessels may be responsible for the organic matter in interstellar space and the amino acids found in meteorites. Some similar chemistry must have occurred on a billion other worlds in the Milky Way Galaxy. The molecules of life fill the Cosmos.* [\[6\]](#)

Sagan strongly suggests that the probabilities and chemistry of the universe dictate that life is ubiquitous in the galaxy. But as I stated earlier, the odds overwhelmingly dictate that our planet is the only one suitable for life in the universe. And the chemistry on Earth also indicates that life is extremely hard to come by. The probability of life simply based on chance occurrences is admitted by many evolutionists to be remote indeed. Many are now suggesting that life is inevitable because there are yet undiscovered laws of nature that automatically lead to complex life forms. In other words, the deck of cards is fixed. Listen to Nobel Laureate and biochemist, Christian de Duve:

*We are being dealt thirteen spades not once but thousands of times in succession! This is utterly impossible, unless the deck is doctored. What this doctoring implies with respect to the assembly of the first cell is that most of the steps involved must have had a very high likelihood of taking place under the prevailing conditions. Make them even moderately improbable and the process must abort, however many times it is initiated, because of the very number of successive steps*

*involved. In other words, contrary to Monod's affirmation, the universe was—and presumably still is—pregnant with life.* [\[7\]](#)

The only problem with de Duve's suggestion is that we know of no natural processes that will lead automatically to the complexity of life. Everything we know of life leads to the opposite conclusion. Life is not a product of chance or necessity. Life is a product of intelligence.

Without Divine interference we are alone in the universe and without Christ we are—and should be—terrified. The gospel is as relevant as ever.

#### Notes

1. *Science*, 16 August 1996, 273:924-30.
2. *Creator and the Cosmos*, NavPress, 2001, p. 210.
3. *Ibid.*, pp. 145-199.
4. Lewis and Stanley, 1984.
5. InterVarsity Press, 1994, pp. 173-210.
6. *Cosmos*, Random House, 1980, p. 40.
7. *Vital Dust*, Basic Books, 1995, p. 9.

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## The All-Present God

*“As Charles Haddon Spurgeon once observed, there are very few things as uplifting for the heart and the mind as a serious study of the being and attributes of God. Hopefully, this little article on God's omnipresence will encourage some others to take up such studies for themselves. They won't be disappointed.”* –Dr. Michael Gleghorn

# Introduction



We can never get away from God. To some, this is quite threatening. To others, it is merely irritating or annoying. But for those who know and love God, it is deeply comforting and consoling, for it means that we are never alone.

In this article, I want to discuss an attribute of God that is often referred to as *omnipresence*. It's a big word, but all it means is that God is present everywhere. It was while meditating on this attribute that David was led to pen the oft-quoted verses of Psalm 139:

Where can I go from your Spirit? Where can I flee from your presence? If I go up to the heavens, you are there; if I make my bed in the depths, you are there. If I rise on the wings of the dawn, if I settle on the far side of the sea, even there your hand will guide me, your right hand will hold me fast (vv. 7-10).[\[1\]](#)

Clearly David took comfort in the fact that he could never get away from God, that there was nowhere he could go where God was not.

In a similar manner, King Solomon also spoke of God's omnipresence in his prayer at the dedication of the temple in Jerusalem. He said, "But will God really dwell on earth? The heavens, even the highest heaven, cannot contain you. How much less this temple I have built!" (1 Kings 8:27). Here, Solomon recognizes that unlike human beings, God's presence cannot be localized to merely one place on the earth. Indeed, the universe itself is not sufficient to contain the being of its Creator!

So how is the doctrine that God is everywhere present to be understood? And what practical applications might this have for our lives?

To begin, it is helpful to observe that just as the doctrine of God's eternity attempts to explain how God is related to time, the doctrine of omnipresence attempts to explain how He is related to space. Does God completely transcend space? That is, might He exist completely "outside" or "beyond" our spatial universe in some sense? Or is it better to think of Him as existing everywhere throughout all space? Then again, could it be the case that He somehow exists both within *and* beyond the created order? Obviously, these are deep and difficult questions. But since thinking through such things is part of what it means to love God with our minds, let us ponder these matters as carefully as we can (Mark 12:30).

## God and Space

Other Scriptures certainly seem to affirm God's omnipresence. God asks the prophet Jeremiah, "Am I only a God nearby . . . and not a God far away? . . . . Do I not fill heaven and earth?" (23:23-24). Here the Lord affirms that He is present everywhere, that there is nowhere in heaven and earth where He is not. But how should we understand this?

Should we think of God as "spread out" through the universe like an invisible gas? Although this might be the mental image which most naturally suggests itself to our minds, we should carefully avoid embracing it. After all, "God is spirit" (John 4:24). And a spirit, unlike a gas, is a *non-physical* entity.<sup>{2}</sup> If we think of God as being spread throughout the universe like an invisible gas, then we might be tempted to think of God as only *partially present* at any one place. For instance, we might come to believe that there is a small amount of God in our bedroom, even more of Him throughout our house, and more still in the three-mile radius around our house. And this, I'm sure you would agree, is crazy!<sup>{3}</sup> We

*don't* want to think of God's omnipresence in *these* terms.

Instead, if we want to think of God as existing everywhere in space (and many theologians would caution us against this), then we ought to think of Him as being *fully present* at every point of space *at the same time*. Now admittedly, this is a difficult concept to grasp. But an analogy may help to clarify the point.

A number of Christian theologians and philosophers have suggested that we should think of God's relationship to the world as similar to the soul's relationship to the body. On one construal of this view, the soul is held to be "spatially present in the body," but "not extended throughout it." Instead, it's thought to be "somehow wholly present at all points in its body." In a similar way, it is said, we can also think of God as being "spatially located in the universe" and yet "wholly present at every point in it." [{4}](#)

Of course, it must be emphasized that this is *only* an analogy. I'm certainly *not* suggesting that the world really *is* God's body! [{5}](#) The analogy is intended simply to help us understand *one way* in which God might be thought of as omnipresent. But it's not the only way.

## **God and Spacelessness**[{6}](#)

Many Christian philosophers do not believe that we should think of God as *literally present in space*. Instead, they believe that God completely transcends space, existing "beyond" or "outside" the spatial universe which we inhabit. But if this is so, then how do they think the doctrine of God's omnipresence should be understood? Moreover, *why* do they believe that God is not present in space?

Let's take the second question first. Why think that God isn't present in space? Well, say these thinkers, consider the doctrine of creation. God created the universe *ex nihilo*, or

“out of nothing.” Literally nothing existed (except God) “before” He brought the universe into being.<sup>{7}</sup> In other words, prior to creation, not even space existed. Rather, space is brought into being by God at the moment of creation.<sup>{8}</sup> But if God does not exist in space *prior* to creating the universe, then why should we think that He is located in space *after* bringing the universe into being? According to this view, there just isn’t any good reason for thinking that He is.

But wait a minute! If God isn’t located in space, then how can it still be said that He’s present everywhere? Doesn’t this amount to a denial of God’s omnipresence? According to proponents of this view, we should understand God’s omnipresence to mean that He both *knows* what is happening everywhere in space and that He is *active* at every point in space.<sup>{9}</sup> In other words, God not only knows what is happening everywhere on earth, He also knows what is happening elsewhere in our solar system and in every galaxy of the universe. Moreover, He is continually exercising His power to sustain the universe in being and He is able to act anywhere He desires throughout this vast cosmos which He has created. Hence, even if God is not *literally* present in space, advocates of this view still insist that He both knows what is happening and is able to exercise His power anywhere in the world at any time He chooses.

Having now considered the two major views regarding how we should understand the doctrine of God’s omnipresence, we’ll briefly look at some of the difficulties that are raised by this doctrine.

## **Difficulties with Omnipresence**

Recall how David in Psalm 139 affirms that there is nowhere he can flee from God’s presence, for God is present everywhere. But this raises a difficulty, for elsewhere in the Bible David says something which seems to directly contradict this

sentiment.

Pursued by Saul in the Desert of Ziph, David, who had the opportunity to kill Saul but humbly refused, pleaded with Saul not to shed his blood “far from the presence of the Lord” (1 Sam. 26:20). But wait a minute! If God is present everywhere, as David elsewhere affirms, then what sense does it make to speak of dying far from the presence of the Lord? How can one be far from the presence of the Lord if the Lord is present everywhere?

It seems to me that the best way of handling these difficulties is to make an important distinction regarding the way in which God is everywhere present. What I mean is this. Although God is present everywhere, He is *uniquely present* at certain times and places when He desires to reveal Himself in some special way.

The best example of this is the unique incarnation of God the Son in the man Christ Jesus. Jesus was one person with two natures, one divine and one human. According to His divine nature, He remained omnipresent even during His time on earth. Yet in his human nature, Jesus was limited (like all other men) to a particular time and place. And it was in this more limited sense that God specially chose to reveal Himself to us. Hence, in the Gospel of John we learn that God’s grace and truth, His love and salvation, His blessing and glory, are all uniquely revealed in the person of Jesus Christ. [{10}](#)

In a similar way, concerning the example of David above, we can say that while God was certainly present in the Desert of Ziph, He had chosen to specially reveal Himself to the people of Israel. He was thus present to the people of Israel in a way that He was not present to the other nations. It is in this sense that David pleads with Saul not to shed his blood “far from the presence of the Lord.”

# The Importance of Omnipresence

Let's think about this in terms of a "good news/bad news" approach, beginning with the "bad news" first. Although God's omnipresence, considered in itself, is really only good news, there is certainly a sense in which sinful men and women, much like you and me, might be tempted to regard this doctrine as bad news. Why is that?

Well, if God is always present, then like it or not, every evil thought, word, or deed that we think, say, or do is always done directly in His presence! That's a sobering thought, isn't it? There is literally *nothing* that we can ever do in a hidden or secret way. Whenever we lie or steal, commit adultery or take God's name in vain, we do so in the presence of the God to whom we are all ultimately accountable. Indeed, Jesus warned that on the day of judgment we will even have to give an account for every "careless word" which we have spoken (Matt. 12:36)! This, at least for sinners like ourselves, is what we might call the bad news of God's omnipresence.

But as I said previously, the reality is that God's omnipresence is actually very good news. For it means that no matter what our circumstances, God is always present! When we're anxious or scared, God is there. When we're under pressure at work or having difficulties in a relationship, God is there. Yes; even if we're sick or dying, God is present then, too. David wrote in the Psalms, "Even though I walk through the valley of the shadow of death, I will fear no evil, for you are with me; your rod and your staff, they comfort me" (Psalm 23:4). For the one who's been reconciled to God through faith in Jesus Christ, the fact that God is always present is very "good news" indeed!

I hope you can see that the doctrine of God's omnipresence is not just an interesting issue for philosophers and theologians to ponder (although it is certainly that). It's also an extremely practical doctrine that is highly relevant to almost

every aspect of our lives. For wherever we go, whatever joys we encounter or difficulties we face, God is there. And for the Christian, He is present as our Protector, Savior, Counselor, and Friend!

## Notes

1. All Scriptural citations are taken from the New International Version of the Bible.
2. See, for example, Jesus' remarks in Luke 24:39: "Look at my hands and my feet. It is I myself! Touch me and see; a ghost does not have flesh and bones, as you see I have."
3. I got this insight from William Lane Craig, "Doctrine of God," Part 8 [Podcast] (accessed August 2010), available from <http://bit.ly/9ruR74>.
4. These quotations come from the discussion in J. P. Moreland and William Lane Craig, *Philosophical Foundations for a Christian Worldview* (Downers Grove: InterVarsity Press, 2003), 509-10.
5. Of course, some theologians (e.g., Process theologians) *do* believe that the universe is God's body. According to them, God is like the soul of the world (which is His body). This view is usually termed *panentheism*, which is not the same as pantheism.
6. This section is particularly indebted to the discussion of omnipresence in Moreland and Craig, *Philosophical Foundations*, 509-11.
7. I put "before" in quotation marks since, if God is timeless without creation, there really isn't literally any temporal moment "before" God brings the universe into being. The universe, along with time itself, simply has its beginning at the moment of creation. Nevertheless, for the purpose of communicating to our radio audience in the limited amount of time available, it is much easier to simply say "before" creation.
8. Moreland and Craig, *Philosophical Foundations*, 510.
9. *Ibid.*, 510-11.

10. In this regard, please see John 1:1, 14-18; 3:16-21.

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