

## The Word of God and Science Agree

The Bible is not a science book, yet it is scientifically accurate. I am not aware of *any* scientific evidence that contradicts the Bible.

Most people will be surprised to learn this, but it is true that dinosaurs are referred to in several Bible books. The book of Job describes two dinosaurs, behemoth and leviathan. One is described in chapter 40 starting at verse 15, and the other is in chapter 41 starting at verse 1. I think you will agree that 1½ chapters about dinosaurs is a lot – especially since most people do not even realize that they are mentioned in the Bible at all!

The Bible frequently refers to the great number of stars in the heavens. Here are two examples.

Genesis 22:17 says, ***“Blessing I will bless you, and multiplying I will multiply your descendants as the stars of the heaven and as the sand which is on the seashore; and your descendants shall possess the gate of their enemies.”***

Jeremiah 33:22 says, ***“As the host of heaven cannot be numbered, nor the sand of the sea measured, so will I multiply the descendants of David My servant and the Levites who minister to Me.”***

Even today with all of our technologically advanced telescopes and scientific capability, scientists admit that they do not know how many stars there actually are in the universe. Only about 3,000 can be seen without the aid of a telescope. We have seen *estimates* of  $10^{21}$  number of stars, which is a lot of stars. The number of grains of sand on the Earth's seashores is estimated to be  $10^{25}$ . As scientists discover more stars, wouldn't it be interesting to discover that these two numbers match? I, for one, would not be in the least bit surprised if they did!

A few months ago I ran across an interesting story in which a new theory in the field of astrophysics was emerging, and it was that the planet Earth was possibly located inside of a gigantic "cosmic bubble." What intrigued me the most about this new theory was the following statement made by researcher Timothy Clifton of Oxford University in England:

"This idea that we live in a void would really be a statement that we live in a special place," Clifton told *SPACE.com*. "The regular cosmological model is based on the idea that where we live is a typical place in the universe. This would be a contradiction to the Copernican principle."

You see, the Copernican principle states, in brief, that our place in the universe is ***not*** special. When Nicholas Copernicus argued in 1543 that it made much more sense for the Earth to be revolving around the sun than vice versa, it

revolutionized science. Since then, most theories have to pass the Copernican test. If they require our planet to be **unique**, or our position to be **exalted**, the ideas often seem unlikely and are routinely rejected. Hence, theories involving ideas such as "dark matter" and "dark energy" have been postulated to try and explain the **apparent** acceleration of the universe as it is expanding. However, if the "cosmic bubble" theory is correct, then items in space could look farther away than they really are and there would be no need to rely on "dark energy" as an explanation for certain astronomical observations.

But if we happened to be in a portion of the universe with **less** matter in it than what is normal throughout the universe, then the space-time field around us would be different than it is outside of the "cosmic bubble," because matter warps space-time. Light traveling from an object such as a supernova outside our "cosmic bubble" would **appear** to be dimmer because the light would diverge more than we would expect once it got **inside** our void. "If we lived in a very large under-density," said Clifton, "then the space-time itself wouldn't be accelerating. It would just be that the observations, if interpreted in the usual way, would look like they were."

Although it is true that the Earth does orbit the sun, the Copernican principle did give rise to the idea that the Earth was not a special world, but that it just "happened." This meant that mankind was also simply an "accident," and we held no place of honor in the universe. But all of this runs counter to what we are told in God's word. God says we **are** special because we were made in His image, and this world was given to us as a gift from Him. We were so special that God was made in the image of man in the form of Jesus Christ so that we can be redeemed by His shed blood and have forgiveness of our sins.

The Bible also says that each star is unique. The Apostle Paul wrote in 1 Corinthians 15:41, ***"There is one glory of the sun, another glory of the moon, and another glory of the stars; for one star differs from another star in glory."***

All stars basically look alike to the naked eye. Even when seen through a telescope they seem to be just points of light. However, analysis of their light spectra reveals that each is unique and different from all others, just as the Bible says. I understand that people can perceive some slight difference in color and apparent brightness when looking at stars with the naked eye, but we would not expect a person living in the first century AD to claim they differ from one another.

The Bible describes the absolute precision of movement in the universe. Jeremiah 31:35-36 says, ***"Thus says the LORD, Who gives the sun for a light by day, the ordinances of the moon and the stars for a light by night, Who disturbs the sea, and its waves roar (The LORD of hosts is His name): 'If***

***those ordinances depart from before Me,' says the LORD, 'Then the seed of Israel shall also cease from being a nation before Me forever.'"***

The Bible even describes how the Earth is suspended in the vacuum of space in Job 26:7: ***"He stretches out the north over empty space; He hangs the Earth on nothing."***

The word of God also has statements that are consistent with meteorology, which is the study of weather. Ecclesiastes 1:6 accurately describes the circulation of the air throughout the atmosphere.

***"The wind goes toward the south, and turns around to the north; the wind whirls about continually, and comes again on its circuit."***

The Bible includes some principles of fluid dynamics. Once again, we turn to the Book of Job, where we find in Job 28:25, ***"To establish a weight for the wind, and apportion the waters by measure."***

The fact that air has *weight* was proven scientifically only about 300 years ago. The relative weights of air and water are needed for the efficient functioning of the world's hydrologic cycle, which in turn sustains life on the Earth.

The Bible also makes statements that are consistent with biology. The Book of Leviticus (written prior to 1400 BC) describes the value of blood. Leviticus 17:11 says, ***"For the life of the flesh is in the blood, and I have given it to you upon the altar to make atonement for your souls; for it is the blood that makes atonement for the soul."***

The blood carries water and nourishment to every cell, it maintains the body's temperature, and it removes the waste material of the body's cells. The blood also carries oxygen from the lungs throughout the body. In 1616, William Harvey discovered that blood circulation is the key factor in physical life – confirming what the Bible revealed 3,000 years earlier.

The Bible describes biogenesis (the development of living organisms from other living organisms) and the stability of each kind of living organism in Genesis 1:11-12: ***"Then God said, 'Let the Earth bring forth grass, the herb that yields seed, and the fruit tree that yields fruit according to its kind, whose seed is in itself, on the Earth'; and it was so. And the Earth brought forth grass, the herb that yields seed according to its kind, and the tree that yields fruit, whose seed is in itself according to its kind. And God saw that it was good."***

Genesis 1:21 and 25 add, ***"So God created great sea creatures and every living thing that moves, with which the waters abounded, according to their kind, and every winged bird according to its kind. And God saw that it was***

**good. And God made the beast of the Earth according to its kind, cattle according to its kind, and everything that creeps on the Earth according to its kind. And God saw that it was good.”**

The phrase **“according to its kind”** occurs repeatedly, stressing the reproductive integrity of each kind of animal and plant. Today we know this occurs because all of these reproductive systems are programmed by their genetic codes.

The Bible describes the chemical nature of flesh in Genesis 2:7 and Genesis 3:19: **“And the LORD God formed man of the dust of the ground, and breathed into his nostrils the breath of life; and man became a living being. In the sweat of your face you shall eat bread till you return to the ground, for out of it you were taken; for dust you are, and to dust you shall return.”**

It is a proven fact that a person’s mental and spiritual health is strongly correlated with physical health. This should come as no surprise for the Bible revealed this to us with these statements (and others) written by King Solomon in about 950 BC: **“An excellent wife is the crown of her husband, but she who causes shame is like rottenness in his bones. A sound heart is life to the body, but envy is rottenness to the bones. The light of the eyes rejoices the heart, and a good report makes the bones healthy. Pleasant words are like a honeycomb, sweetness to the soul and health to the bones. A merry heart does good, like medicine, but a broken spirit dries the bones.”** (Proverbs 12:4; Proverbs 14:30; Proverbs 15:30; Proverbs 16:24; Proverbs 17:22)

We also see that the word of God makes statements consistent with discoveries made in anthropology. We have cave paintings and other evidence that people inhabited caves. The Bible also describes cave men in Job 30:5-6: **“They were driven out from among men, they shouted at them as at a thief. They had to live in the clefts of the valleys, in caves of the Earth and the rocks.”**

Note that these were not ape-men, but descendants of those who scattered from Babel. They were driven from the community by those tribes who competed successfully for the more desirable regions of the Earth. Then for some reason they deteriorated mentally, physically, and spiritually. Just go into a bad part of towns and cities across this nation and you will see this concept in action today.

The bible also makes statements that are consistent with hydrology, which is the water cycle. In fact, the Bible includes reasonably complete descriptions of the entire hydrologic cycle. Psalm 135:7 says, **“He causes the vapors to ascend from the ends of the Earth; He makes lightning for the rain; He brings the wind out of His treasures.”**

Jeremiah 10:13 states, **“When He utters His voice, there is a multitude of waters in the heavens: And He causes the vapors to ascend from the ends**

***of the Earth. He makes lightning for the rain, He brings the wind out of His treasuries.”***

In these verses you can see several phases of the hydrologic cycle – the worldwide processes of evaporation, translation aloft by atmospheric circulation, condensation with electrical discharges, and precipitation.

A passage in Job 36:27-29 offers remarkable scientific insight. It says, ***“For He draws up drops of water, which distill as rain from the mist, which the clouds drop down and pour abundantly on man. Indeed, can anyone understand the spreading of clouds, the thunder from His canopy?”***

Job knew thousands and thousands of years ago that the drops of water which eventually pour down as rain first become vapor and then condense to form tiny liquid water droplets in the clouds. These finally coalesce into drops large enough to overcome the updrafts that suspend them in the air. Remarkable!

The Bible also describes the re-circulation of water in Ecclesiastes 1:7 and Isaiah 55:10: ***“All the rivers run into the sea, yet the sea is not full; to the place from which the rivers come, there they return again. For as the rain comes down, and the snow from heaven, and do not return there, but water the Earth, and make it bring forth and bud, that it may give seed to the sower and bread to the eater,”***

The Bible refers to the surprising amount of water that can be held as condensation in clouds in Job 26:8 and Job 37:11: ***“He binds up the water in His thick clouds, yet the clouds are not broken under it. Also with moisture He saturates the thick clouds; He scatters His bright clouds.”***

Hydrothermal vents, fissures which release heated water from within the Earth’s surface, are described in two books of the Bible written before 1400 BC – more than 3,000 years before their discovery by science! Genesis 7:11 says, ***“In the six hundredth year of Noah’s life, in the second month, the seventeenth day of the month, on that day all the fountains of the great deep were broken up, and the windows of heaven were opened.”***

And Job 38:16 even tells of these fissures existing under the sea, something not discovered until the past century: ***“Have you entered the springs of the sea? Or have you walked in search of the depths?”***

The Bible also makes statements that are consistent with the science of geology. The Bible describes the Earth’s crust (along with a comment on astronomy) in Jeremiah 31:37: ***“Thus says the LORD: ‘If heaven above can be measured, and the foundations of the Earth searched out beneath, I will also cast off all the seed of Israel for all that they have done,’ says the LORD.”***

Although some scientists claim that they have now measured the size of the universe, it is interesting to note that every human attempt to drill through the Earth's crust to the plastic mantle lying beneath has, thus far, ended in failure.

The Bible described the shape of the Earth centuries before people thought that the Earth was spherical. Isaiah 40:22 says, ***"It is He who sits above the circle of the Earth, and its inhabitants are like grasshoppers, Who stretches out the heavens like a curtain, and spreads them out like a tent to dwell in."***

The word translated "circle" here is the Hebrew word ***chuwg*** which is also translated "circuit," or "compass" (depending on the context). That is, it indicates something spherical, rounded, or arched – not something that is flat or square.

The Book of Isaiah was written sometime between 740 and 680 BC. This is at least 300 years before Aristotle suggested that the Earth might be a sphere in his book *On the Heavens*.

This brings up an important historical note related to this topic. Many people are aware of the conflict between Galileo and the Roman Catholic Pope, Paul V. After publishing *A Dialogue on the Two Principal Systems of the World*, Galileo was summoned to Rome, where he was forced to renounce his findings. (At that time, "theologians" of the Roman Catholic Church maintained that the Earth was the center of the universe, and to assert otherwise was deemed heretical.)

I have not been able to find any place in the Bible that claims that the Earth is flat, or that it is the center of the universe. History shows that this conflict, which took place at the time of the Inquisition, was part of a power struggle. As a result, scientific *and* biblical knowledge became casualties – an effect we still feel to this day.

The Bible makes statements consistent with the science of physics. The Bible suggests the presence of nuclear processes like those we associate with nuclear weaponry. This is certainly not something that could have been explained in 67 AD using known scientific principles (when Peter wrote the following verse) in 2 Peter 3:10: ***"But the day of the Lord will come as a thief in the night, in which the heavens will pass away with a great noise, and the elements will melt with fervent heat; both the Earth and the works that are in it will be burned up."***

In the last 100 years (and especially in the last ten) scientists discovered many proofs that confirm the Bible's accuracy. Since these proofs support the accuracy of the text we can understand scientifically, it makes sense to trust the Bible's text that we cannot yet understand. (For example, how many people knew what hydrothermal vents were 30 years ago?) Isn't it amazing how often science actually **confirms** God's holy word, in spite of the best efforts to the contrary to deny His existence?