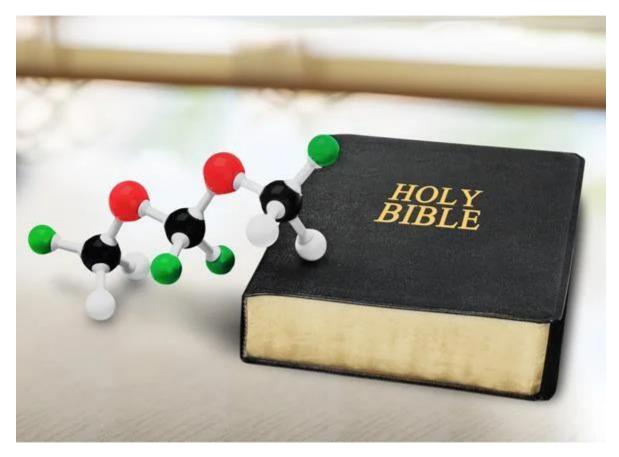


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SCIENCE PROVES THE BIBLE IS TRUE! Part 1



By Carol Rushton

It's difficult to believe in 2020, but before Charles Darwin and his theory of evolution became to be viewed and accepted as fact, most scientists were Christians. It has only been within the last 100 years that Christians have been chased out of the science profession. You have to be an atheistic evolutionist in order to be accepted by and have any credibility within the scientific community today.

Although evolution has been disproven, it is taught as fact not only in universities but throughout the public/government-run schools in our country and around the world. This has produced at least one to two generations of young adults who are atheists and reject biblical Judeo-Christian principles, even when their parents are Christians, they have been raised in a Christian home, and faithfully attended church. They know nothing about the Christians who made advancements in science throughout the centuries, many times *because* of their Christian faith, and how their findings confirmed the biblical account that God created the universe.

The Bible is not a book of science. However, the Bible contains scientific information about the earth and the universe that has been confirmed by numerous scientists over the years. It is my hope that this article can be used to replace the lies of evolutionists and their supporters with the facts.

Scientists Who Were Also Christians

Most Americans, including Christians, have no idea that the Bible contains proven scientific information about our world and the universe by scientists who were also Christians. The scientists listed below might not all have been evangelical Christians in the sense we consider evangelical Christianity today but they at least acknowledged that God created the universe and everything in it and accepted general Judeo-Christian principles. This list was taken from *Men of Science, Men of God* by Dr. Henry Morris, published by Master Books, Green Forest, Arkansas, 1982.

Leonardo da Vinci - studies in anatomy, physics, biology, optics, hydraulics, aeronautics

Johann Kepler - founder of physical astronomy

Francis Bacon - established the experimentation and induction methods for science

Blaise Pascal - founded the sciences of hydrostatics, hydrodynamics, statistical probability

Robert Boyle - founder of modern chemistry

Nicholas Copernicus - astronomer who believed the earth revolves around the sun

Galileo Galilei - developed the telescope and proved that the earth revolves around the sun

Isaac Newton - discovered law of gravity, laws of motion

Nicholas Steno - founder of the science of stratigraphy - geology

Carolus Linnaeus - founder of biological taxonomy - classification of plants and animals

William Herschel - astronomer, discovered double stars and the planet Uranus

Gottfried Leibnitz - binary notational system and Boolean system of logic

John Flamsteed - produced the first comprehensive star map

Richard Kirwan - founder of mineralogy - the study of minerals

Michael Faraday - invented the forerunner of the motor, invented the Faraday cage

James Clerk Maxwell - confirmed Faraday's belief that light is an electromagnetic wave

Georges Cuvier - founder of comparative anatomy and paleontology

Charles Babbage - established principles for the future development of computers

David Brewster - founder of the science of optical mineralogy

Samuel F. B. Morse - inventor of the telegraph, built the first camera in the U.S.

Matthew Maury - founder of the sciences of oceanography and hydrography

Louis Pasteur - founder of the science of bacteriology and microbiology

Even this partial list should impress anyone with the fact that many of the world's most important scientific discoveries were made by scientists who were also Christians.

Most of the notes and commentary used in this article are either from the Institute for Creation Research or from one of its co-founders, the late Dr. Henry Morris. Dr. Morris received a bachelor's degree in civil engineering from Rice University and earned a master's degree in hydraulics and a Ph.D. in hydraulic engineering at the University of Minnesota.



The Earth Is Round, Air Has Weight, and Other Controversies

The majority of the ancient world believed that the earth was flat. People believed that mankind could only travel so far by ship and at a certain point the ship would fall off the earth, plummeting into space. However, the Bible emphatically stated that the earth was a globe or sphere. The following Scripture verses show that the Bible was ahead of its time in stating that the earth is round.

Isaiah 40:22, "It is he that sitteth upon the circle of the earth . . ."

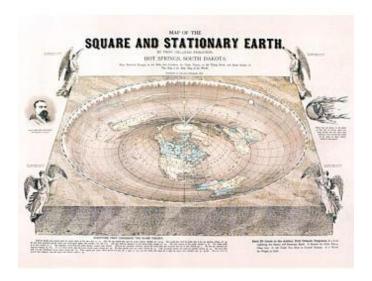
Proverbs 8:27, "When he prepared the heavens, I was there: when he set a compass upon the face of the depth . . ."

Psalm 89:12, "The north and the south thou hast created them . . . "Dr. Henry Morris comments on this verse are very interesting. "North-south directions could only be meaningful on a spherical planet if there are north and south 'poles' on it - either geographic poles (formed by the establishment of an axial rotation) or magnetic poles (formed by the rotating electrical currents deep in the earth's core), or both" (Dr. Henry Morris, *The Henry Morris Study Bible*, 2012, Master Books, Green Forest, Arkansas, Note, pgs. 898-899).

Psalm 103:12, "As far as the east is from the west, so far hath he removed our transgressions from us." Dr. Morris states this verse also confirms that the earth is round. "One can travel east (or west) forever without coming to its end. This perfectly fits the idea of a global earth" (Dr. Henry Morris, *The Henry Morris Study Bible*, 2012, Master Books, Green Forest, Arkansas, pg. 910).

Job 26:10, "He hath compassed the waters with bounds, until the day and night come to an end." Dr. Morris has notes concerning this verse which he says also validates that the earth is a sphere or globe. "The word 'compassed' is the Hebrew *chug*, translated 'circle' in Isaiah 40:22 (see also Pr. 8:27). It refers here to the global sea level, which defines the 'circle of the earth' and the 'compass upon the face of the depth,' and which defines the bounds which the waters cannot cross as long as the earth endures . . . [come to an end] . . . is a reference to the boundary between day and night - that is, along a great circle through the center of the earth, with light on one side and darkness on the other. This follows from the spherical shape of the earth, as implied in the first part of this verse" (Dr. Henry Morris, *The Henry Morris Study Bible*, 2012, Master Books, Green Forest, Arkansas, pg. 807).

Incredibly, some people still believe that the earth is flat. The Institute for Creation Research addresses this in an article by Dr. Brian Thomas, Ph.D., "Is the Earth Round?" that was published on the ICR website on May 31, 2017 (https://www.icr.org/article/earth-round, accessed April 20, 2020).



One flat-Earth proponent tried to persuade me that Psalm 104:5, which says Earth's foundations "should not be moved," means that Earth cannot spin like a classroom globe because spinning is a type of movement. The Hebrew verb here for "moved" is *mot*, meaning to be shaken, moved, or overthrown. A bicycle frame holds its wheels so they will not shake back and forth, move from their mounts, or get thrown from the frame - yet the wheels spin. This verse does not teach an utterly *rigid* earth. If it did, then we would have to deny earthquakes, hundreds of parallax measurements, and Scriptures like Job 9:6! Instead, it simply describes a *stable* earth. Earth's gyroscopic motion gives it the very stability that Psalm 104:5 teaches . . .

Observations from God's world match descriptions in God's Word about Earth's sphericity. First, Earth as a giant ball explains why the tops of distant mountains or tall buildings come into view first as one approaches them. A rotating earth explains prevailing winds, too. For example, the prevailing westerlies lengthen airplane flight times when flying westward across the U.S.

Also, a spherical earth explains the curved shape of Earth's shadow as it crawls across the moon during a lunar eclipse - no matter the moon's place in the sky . . . no place on a flat-disk earth would conceal the North Star, which in actuality becomes invisible from the Southern Hemisphere. For that matter, one notices a shift in star positions when traveling north or south, which also confirms a spherical earth.

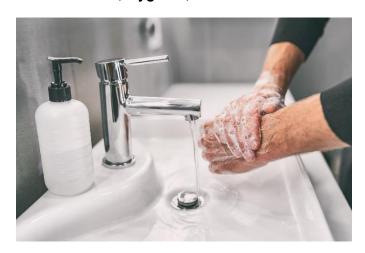
It is interesting that those who still believe today that the earth is flat quote these verses to claim that the word, *chug*, translated "circle" or "sphere" in the Old Testament does not actually mean a circle or sphere. Since I know Hebrew, I checked my Hebrew-English dictionary - composed by an Israeli Jew who lives in Israel and is fluent in Hebrew - to find out how Israelis translate that word. My Hebrew dictionary translate *chug* as "circle, sphere" (Shimon Zilberman, *The Up-To-Date English-Hebrew Hebrew-English Dictionary*, 1997, Zilberman, Jerusalem, Israel, pg. 85).

Another example of the Bible being ahead of scientists is *air*. We cannot see it or feel it. Most of us automatically think that air has no mass, and therefore has no weight. But that is not scientifically

correct. Job 28:25 says, "To make the weight for the winds; and he weigheth the waters by measure." The Greeks and then Galileo and the Italian physicist Evangelista Torricelli believed that air had weight but were not able to conclusively prove it. It was left up to Robert Boyle and his experiments on air using an air pump, published in the 1660s, to prove that air indeed has weight. The Bible was more than 5,000 years ahead of science!

Many sceptics have attacked the biblical account of Noah's Ark and the Great Flood as given in Genesis, including the size of the ark itself which was stated in Genesis 6:15 as 300 cubits. Dr. Morris gives the explanation. "The dimensions of the ark were ideally designed both for stability and capacity. It has been shown hydrodynamically that the ark would have been practically impossible to capsize and would have been reasonably comfortable even during violent waves and winds. Assuming the ancient cubit to have been only 17.5 inches (the smallest suggested by any authority), the ark could have carried as many as 125,000 sheep-sized animals. Since there are not more than about 25,000 species of land animals known (that is, mammals, birds, reptiles, amphibians), either living or extinct, and since the average size of such animals is certainly much less than that of a sheep, it is obvious that all the animals could easily have been stored in less than half the capacity of Noah's ark, each pair in appropriate 'rooms' (literally 'nests')" (Dr. Henry Morris, *The Henry Morris Study Bible*, 2012, Master Books, Green Forest, Arkansas, pp. 34-35).

Ken Ham, the founder of *Answers in Genesis*, has constructed a replica of Noah's Ark in Hebron, Kentucky, using the measurements God gave to Noah as recorded in Genesis. It is a magnificent structure that proves to the world that the ark Noah built was practical and suitable for housing animals and humans and providing adequate protection in the midst of a worldwide flood.



Health, Hygiene, and Sanitation

Today we take basic hygiene and sanitation practices like washing our hands and daily baths or showers for granted. It wasn't until the last few hundred years that scientists and medical experts became aware of the importance of hygiene and sanitation. The Bible included basic instructions to protect people and societies from disease centuries ago.

In the ancient world, most people did not wash their hands or bodies regularly, much less have soaps of any kind. In the 1800s, a Hungarian doctor, Ignes Semmelweis, proved that doctors washing their hands and their instruments with chlorine before delivering babies dramatically reduced the number of deaths of new mothers in his hospital. Even so, it took decades and Louis Pasteur's discoveries in

bacteriology and microbiology before the medical establishment recognized the importance of sanitation.

Once again, the Bible was ahead of everyone else.

Leviticus 6:28 states, "But the earthen vessel wherein it is sodden shall be broken: and if it be sodden in a brazen pot, it shall be both scoured, and rinsed in water." Dr. Morris states, "The instruction to break earthen pots (probably because of cracks that would develop) and to cleanse thoroughly the metal pots after cooking meat in them implies a knowledge of the danger of bacterial contamination well in advance of that possessed by the Egyptians" (Dr. Henry Morris, *The Henry Morris Study Bible*, 2012, Master Books, Green Forest, Arkansas, pg. 200).

Moses wrote in Leviticus 4:12, "Even the whole bullock shall he carry forth without the camp unto a clean place, where the ashes are poured out, and burn him on the wood with fire: where the ashes are poured out shall he be burnt." Again quoting Dr. Morris, "The Israelites, for hygienic as well as religious reasons, were instructed to burn all the residue of sacrificial animals, not already consumed on the altar or used for food, in a prepared location 'outside the camp.' This would destroy any infectious bacteria residing in the flesh or the wastes of the animals, and was a practice far in advance of any medical knowledge until modern times" (Dr. Henry Morris, *The Henry Morris Study Bible*, 2012, Master Books, Green Forest, Arkansas, pg. 196).

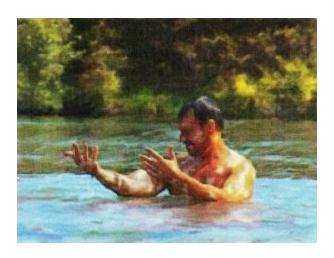
Moses also addressed the consumption of dead animals.

Leviticus 7:24: "And the fat of the beast that dieth of itself, and the fat of that which is torn with beasts, may be used in any other use: but ye shall in no wise eat of it."

Leviticus 22:8: "That which dieth of itself, or is torn with beasts, he shall not eat to defile himself therewith: I am the LORD."

Deuteronomy 14:21: "Ye shall not eat of any thing that dieth of itself . . ."

Not until modern medicine and science was it known that animals sometimes die of diseases that can make people ill and even kill them if the animals are consumed. It doesn't take long for bacteria to develop in a dead animal, sometimes 20 minutes or less depending upon the temperature. If a predator has killed an animal, the predator could pass on a disease they have to the now dead animal, again making it very dangerous for humans to eat. While the command not to consume dead animals may have seemed very strange to the Israelites, the Lord was actually protecting them from very deadly diseases not understood at that time in history.



The Healing of Naaman

One of the more striking examples of how the Bible pre-dated science is the instructions in Leviticus 13-14 on how to deal with leprosy in humans, clothing, and buildings. Leprosy was and is a contagious disease. Until the relatively recent development of antibiotics, there was no hope for those who had leprosy. Although it seems very harsh and cruel to quarantine those that that had leprosy, that was the only thing countries could do at that time to protect their populations from catching the disease. The Bible's knowledge that leprosy could also be transmitted to clothing and to houses (most people at that time lived in structures made from mud or clay) was unprecedented at that time, as well as its instructions for detecting leprosy and dealing with it.

Moses' directions on dealing with other health issues in Leviticus 15 are especially enlightening for their use of water. Dr. Morris comments, "The instructions in this chapter concerning various human secretions and discharges, at least some of which might be infectious, were certainly healthful precautions needed under the difficult conditions there in the wilderness. The benefits of bathing and washing were recognized by Moses (under God's direction) long before they were practiced (even in modern times) in other nations . . . Again and again - whether the body, clothes, vessels, or anything else - the importance of washing with water to remove contamination is stressed" (Dr. Henry Morris, *The Henry Morris Study Bible*, 2012, Master Books, Green Forest, Arkansas, pg. 213).

According to the Law of Moses, Jews were instructed to go to the ritual bath or the *mikva* and submerse themselves in water at regular times throughout the year, especially before the major holidays of Passover, the Day of Atonement, and the Feast of Tabernacles. Jews also rinsed their hands in water before eating. Although primarily seen as religious rituals, the regular baths and washings helped to safeguard Jews against epidemics and illnesses.

One of my girlfriends in Israel told me that during the years of the Bubonic Plague in the Middle Ages, people noticed that fewer Jews died of the Plague than the general population, and this increased persecution against them. She said Jews attributed the lower death rate in their communities to the habit of regular baths which helped to protect them against the contagion compared to non-Jews who hardly ever bathed.

One medical procedure that was not debunked until the last 150 years or so was the practice of bloodletting. Historians trace bloodletting back to the ancient Egyptians where it spread to other civilizations. According to www.History,com, the Greeks believed that people were composed of four

different categories: blood, phlegm, black bile, and yellow bile. An excess of any of these "humors" caused illness which could only be cured by removing the excess. That could only be done by lancing or cutting a vein and allowing the patient to bleed, thereby removing the "excess" of the humor through the blood (Jennie Cohen, "A Brief History of Bloodletting," August 29, 2018, History.com, https://www.history.com/news/a-brief-history-of-bloodletting, accessed April 22, 2020).



One of the more famous victims of bloodletting was our first president, George Washington. After contracting a bad cold, doctors worsened Washington's condition by bleeding him, removing between 5-7 pints of blood in less than 24 hours. Most historians are convinced this greatly contributed to Washington's death on December 17, 1799.

All people had to do is look to the Bible to learn that bloodletting was dangerous to a person's health. Leviticus 17:11 states, "For the life of the flesh is in the blood . . ." Moses wrote in Deuteronomy 12:23, "Only be sure that thou eat not the blood: for the blood is the life . . ." Commenting on Leviticus 17:11, Dr. Morris writes, "This important verse, along with others (Ge. 9:3-6), indicates that the blood circulation is the key factor in physical life (a discovery made only in 1616 by William Harvey). The blood carries water and nourishment to every cell, maintains the body's temperature, and removes the waste material of the body's cells. The blood also transmits the very 'breath of life,' carrying the oxygen from the lungs throughout the body to all its cells. This relatively modern scientific insight merely confirms what God revealed thousands of years ago" (Morris, pp. 217-218).

Not only did the Bible impart this vital information about blood but also warned against consuming blood as well.

Genesis 9:3-4: "Every moving thing that liveth shall be meat for you; even as the green herb have I given you all things. But flesh with the life thereof, which is the blood thereof, shall ye not eat."

Because of an interest in vampires brought about by such shows as *Angel*, *Buffy the Vampire Slayer*, *True Blood*, and the *Twilight* books and movies, drinking blood - and yes, I mean drinking human blood - has become a fad in recent years. Actual communities dedicated to drinking human blood have sprung up all over the United States. Besides being just plain gruesome, all the medical sources I found indicate drinking blood is toxic and dangerous to humans.

The Bible contains so much information on other topics such as oceanography, energy, astronomy, and thermodynamics that it is impossible to include everything in one article. Part Two will explore these other areas.

Carol Rushton is a writer and podcaster for SWPM and is the author of the book, "Understanding Israel and the Middle East," available at swpm.us.

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