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## Correlation of the Bible and Science Has Science Proved the Bible Obsolete?

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Can a man be both a scientist and a Christian? Is there a conflict between science and the scriptures? Why do some scientists believe in God and yet others reject Him?

Anyone can write a question mark over anything, and some people with a scientific turn of mind seem to take delight in writing a question mark over the Bible and God, shocking and shaking people who have held a faith of God in their hearts. Each of us has built within us a capacity for doubt, and a capacity for faith, with the will of man being the determining factor. Why does one scientist, in possession of the same facts as another, believe and accept Jesus Christ and the teaching of the Bible, and the other reject Him? Since they are both scientists, it couldn't be the facts of science that keep the one from believing. NO, it is simply that he exercises his will to doubt rather than to believe. Faith or doubt are determined by the will, not by proof and facts. The believer has everything to gain and nothing to loose.

Many educated people today are friendly toward Christianity, but they are not convinced of its truth. They have a sneaking suspicion that it is not intellectually respectable. Many of these people were brought up to accept the Bible and the Christian faith uncritically, but when they begin to ask questions for themselves, they found it easier to discard the religion of their childhood than to take the trouble to investigate its credentials. Most of these people do not know that the Christian faith is not founded on wishful thinking, or blind acceptance of tradition, but rather on a tremendous body of real objective evidence.

I know that the Bible is the Word of God and a reader with an open mind should have little difficulty in reaching the same conclusion. God loves you and longs to reveal Himself to you through His Word.

Did you know that for years the Science Research Bureau, headed by the late Dr. Harry Rimmer, publicly offered a reward of one thousand dollars to any person who could prove the existence of a scientific blunder in the Bible? Although that offer was made in twenty-seven different countries, the thousand dollars is still uncollected. In November of 1939 a suit was brought against Dr. Rimmer by a Mr. William Floyd of New York. Mr. Floyd thought that he had found several bonafide scientific blunders in the Bible. The judge, Honorable Benjamin Shalleck of the Fourth District Municipal Court heard both sides of the case and awarded his decision in favor of the Bible. (*"That Lawsuit Against the Bible"* by Harry Rimmer, W.B. Erdmans Publishing Co., Grand Rapids, Mich. 1956). More recently Dr. John Grebe, Formerly director of both Nuclear and Basic Research at Dow Chemical, Midland Michigan has offered a one thousand dollar reward along similar lines. (see Evolution section)

The absence of error in the bible is truly remarkable, for all other ancient books, and even many

recent ones, contain scientific blunders and mistakes. In the sacred writings of the Hindus, you find such fantastic nonsense as this: The moon is 50,000 leagues higher than the Sun and shines by its own light; The earth is flat and triangular and is composed of seven layers – one out of honey, another of sugar, a third of butter, and still another of wine. This whole seven layer mass is supposedly born on the heads of many elephants which in shaking or stumbling, produce earthquakes. Read the Koran and you find that the stars are torches set in the lower heavens, and that men are made out of baked clay.

Why is it that ridiculous teachings like these are not to be found in the Bible, which is much more ancient? Very plainly there is only one adequate explanation; a higher intelligence than that of man presided over the composition of the Bible and preserved its writers from error.

Everything about us points with overwhelming force to a personal Creator whose mind and power are infinite. Dr. George Gallup, director of the Gallup Poll stated: "I can prove God statistically. Take the human body alone, - the chance that all the functions of the individual would just happen is a statistical monstrosity." Physicist Dr. Robert Millikan, a Nobel Prize winner declares "To me it is unthinkable that a real atheist could be a scientist." Dr. C.A. Chant, professor of Astrophysics at Toronto University stated, "I have no hesitation in saying that at least ninety percent of astronomers have reached the conclusion that the universe is not the result of blind law, but is regulated by a great intelligence." The Bible says in Psalms 14:1 "The fool hath said in his heart, there is no God."

But let us look at some of the sciences and see how they agree with the truth of the Bible. (Two excellent sources for additional material in this area are *Bible-Science Newsletter*, P.O. Box 1016, Caldwell, Idaho, 83605, \$2.50/year and *The Bible and Modern Science*, Henry M. Morris, Colportage Lb#322, Moody Press, 1968, \$0.50).

### ASTRONOMY

Before the invention of the telescope, scientists regarded the number of stars as practically determined. Ptolemy stated that there were 1,058 stars. Kepler counted 1,005 stars and Tycho Brahe cataloged 777. Now these men of science were considered great scientists in their day, - but they were wrong! We now know that there are billions and billions of stars. It is literally impossible to count them. But this is exactly what was written in the Bible thousand of years ago: "As the host of the heaven cannot be numbered" - Jeremiah 33:22. So here we see an example out of history where science and the Bible were in conflict, - but as man uncovered more of the truth he found that true science does not contradict the Bible.

Consider what the Bible has to say about gravity in Job 26:7, "He.... hangeth in the earth upon nothing". (No one knows what gravity is or why it is, - only its effect). Consider Isaiah 40:22 where, speaking of G-d, the prophet Isaiah recorded "It is He who sitteth upon the circle of the earth...". The word circle here is the Hebrew word "Khug" which some Hebrew scholars say may be better translated as sphericity or roundness. The Book of Isaiah was written approximately 2,700 years ago, yet as recently as 500 years ago educated men were taught that the earth was flat.

For more information on the Bible and astronomy the reader should consult *Science Speaks* by Peter W. Stoner, Colportage Library #346, Moody Press, Chicago, 1963, \$0.50.

### ORNITHOLOGY AND AERODYNAMICS

Isaiah 40:31 "But they that wait upon the Lord shall renew their strength; they shall mount up with

wings like eagles; they shall run and not be weary; and they shall walk and not faint.” In addition to the obvious spiritual truth, this scripture implies a unique quality in the wings of an eagle of being able to fly with out becoming weary. This is exactly what we have discovered in the wind tunnels of the University of Oklahoma while conducting aerodynamic research on birds during the spring of 1971. The eagle has six slotted feathers at the tip of each wing which curve upward in gliding flight. Our wind tunnel measurements indicated these upward curved-slotted feathers reduced the size of the vortex emanating from each wing-tip. This in turn reduces the drag on the wings, thus allowing the eagle to soar large distances in air currents without the need of beating his wings. Thus 2,700 years after the scripture in Isaiah was written, science has stumbled onto the same truth.

## ARCHAEOLOGY

There exist today not one unquestioned find of archaeology that proves the Bible in error at any point. Jericho has been found with its walls collapsed by Dr. John Garstang, director of the British School of Archaeology in Jerusalem. Dr. Garstang found that the walls had fallen outward even though they were 15 feet high and 10 feet thick, - completely substantiating the Biblical account. Furthermore, he found from pottery and scarab evidence that the city had been destroyed about 1400 B.C. Coinciding with Joshua's date.

Nebuchadnezzar's furnace, where Shadrach, Meshack and Abednego were placed, has apparently been found.

Solomon's garrison cities of Hazor, Megiddo and Gezar (mentioned in 1 Kings) have been found. In addition his stables, sea port and copper refineries have been found and proved that Solomon indeed had a very wealthy empire.

The Hittites are mentioned 46 times in the Bible. A century ago critics of the Bible claimed that no such people existed. Since that time archaeologists have found Hittite inscriptions revealing that they were one of the powerful nations of ancient time.

The critics also questioned the exodus and conquest of Canaan by the Israelites in 1400 B.C. (a date calculated from the Bible). However, the critics were silenced on this matter when 377 clay tablets were found in Egypt which described these events. These tablets belonged to Pharaohs Amenhotep III and IV who ruled in the period of 1500 -1400 B.C.

Two excellent books which would be helpful to the reader in this area are *An Introduction to Biblical Archaeology* Coleportage Library #316, \$0.50, and “*Genesis and Archaeology*” Coleportage Library #499, by by Howard F. Vos and published by Moody Press, Chicago in 1959 and 1963 respectively.

## EVOLUTION

A large percentage of college-trained men and women have been taught to accept evolution as a demonstrated fact of science. On the other hand very few people have actually had the opportunity to study the great mass of evidence against the theory and are quite ignorant of the fact that very powerful contrary scientific evidence does exist.

The average layman doesn't know that many physicists, geologists, biologists, botanists and

geneticists do not believe in the theory of evolution, but do believe in the Biblical account of the creation and have formed a Creation Research Society, (2717 Cranbrook Rd., Ann Arbor, Michigan 48104) and publish a quarterly journal. (Voting membership is limited to scientists having a Ph.d., D.Sc., Ed.D., M.S. Or M.D. Degrees. Non-voting membership is open to non-scientists at \$7.00/year).

A 1966 blue-ribbon meeting of mathematicians and biologists in Philadelphia attacked Darwinism and showed the existence of a serious gap in the current theory of evolution that cannot be bridged within the current conception of biology. Dr Murray Eden of MIT and Dr. Marcel Schutzenberger of the University of Paris both presented papers on digital computer modeling of evolution and both concluded that these digital computers showed that evolution was impossible. (Eden, M. "Inadequacies of Neo-Darwinian Evolution as a Scientific Theory" and Schutzenberger, M.P., "Algorithms and the Neo-Darwinian Theory of Evolution" in *Mathematical Challenges to the Neo-Darwinian Interpretation of Evolution*, ed. By Moorhead, P.S. And Kaplan, M.M., Wistar Inst. Press, Philadelphia, 1967.)

Many of the so-called "proofs" of evolution can equally well be used to prove the origin of all life by the hands of a common Designer. One of the reasons many scientists and engineers reject the theory of evolution is because they believe it contradicts the second law of thermodynamics. The second law of Thermodynamics states that there is always a tendency for any physical system to become less organized unless external energy or intelligence is applied to counteract this trend. The theory of evolution professes to claim just the opposite in regards to biological processes. However one of the most famous thermodynamicists of this century, P.W. Bridgman in his fascinating book *The Nature of Thermodynamics* (p. 210 & 212, Harper Torchbooks, TB/537, Harper & Brothers, N.Y. 1961) stated that he knew of no experimental evidence proving that biological systems violated the second law of thermodynamics. It seems very difficult then to imagine that the second law of thermodynamics and the theory of evolution can both be correct. The second law of thermodynamics has been known for about a century and has proved correct in thousands of experiments.

Arthur Eddington, the distinguished English astronomer, said that this law holds the supreme position among the laws of nature. Professor Eddington said, "But if your theory is found to be against the second law of thermodynamics I can give you no hope; there is nothing for it but to collapse in deepest humility."

Evolutionists have argued that evolution has not violated the second law because use is made of an abundant supply of energy from an outside source, namely the sun. But this is really no answer. A watchmaker uses his energy plus his intelligence to construct a watch. Put those same parts of a watch in the agitating tub of a washing machine and apply all the energy you wish, but this extra energy will not produce a watch from the parts.

Excellent discussions on the second law can be found in *The Twilight of Evolution* by Henry W. Morris (Baker Book House, Grand Rapids, Mich. 1963, \$1.50) and in an article entitled "Resistance of Living Organisms to the Second Law of Thermodynamics: Irreversible Processed, Open Systems, Creation, and Evolution: by E.L. Williams Jr., (*Creation Research Soc. Quart.*, Sept. 1971, pp 117-126).

The famous Albert Einstein had a simple argument against evolution - "God Almighty does not throw dice."

Charles Eugene Guye, a Swiss mathematician, has calculated the chances of a single molecule of a

protein-like substance being formed by accident (evolution). The odds are  $10^{320}$  to 1 against! ( $10^{320}$  is the number one followed by 320 zeros) If enough time were present this accident would occur once every  $10^{243}$  years! This is interesting because the present estimate of the Earth's age is only about  $4 \times 10^9$  years according to the evolutionists or  $7 \times 10^3$  years according to many conservative Bible Scholars' views. In essence, this still amounts to saying no chance at all! Thus, mathematicians have laid the theory of evolution bare and exposed it as completely without mathematical foundation. It is a tangled mishmash of guessing games and figure juggling!

H.H. Newman (in his book *Evolution, Genetics and Eugenics*, Univ. of Chicago Press, 1932) stated "Reluctant as he may be to admit it, honesty compels the evolutionists to admit that there is no absolute proof of organic evolution".

Evolutionists G.A. Kerkut in his book, *Implications of Evolution* (Pergamon Press, 1960) wrote that evolution is not a "proved fact", and he demolished the arguments which attempt to validate evolution. John T. Bonner, a bona fide evolutionist, wrote in review of KerKut's book; "This is a book with a disturbing message; it points to some unseemly cracks in the foundations. One is disturbed because what is said gives us the uneasy feeling that we knew it for a long time deep down but were never willing to admit this even to ourselves..." ("Review of Kerkut's Book", *American Scientist*, Vol. 49, June 1961, p. 240).

Dr. John J. Grebe who retired in 1965 after 40 years as director of both Nuclear and Basic Research at Dow Chemical Company is offering \$1000 to the first person who will give one clear proof of the evolution hypothesis, or even the basic mathematical treatment of the subject that would elevate it to the rank of a scientific theory. Dr. Grebe in offering this challenge stated "No scientific theory should have to wait 110 years for proof, now that information on facts of nature doubles every 5 years. Let's go!" (Dr. Grebe is one of the great scientists of the world – he is largely responsible for synthetic rubber, styrofoam, Saran and numerous products. He has a hundred patents in a wide range of fields.).

Dr. Duane T. Gish, biochemist at the Upjohn Co., Kalamazoo, Michigan has said that the general evolutionists fail to prove their case especially in one critical scientific record – fossils. He stated that "Evolutionists predict that we should find many transitional forms of life throughout several geologic periods. But my fossil studies and others indicate that there was a sudden outburst of life – just as described in Genesis in the Bible."

On June 1, 1968, Mr. William J. Meister, a trilobite collector and "rock hound" discovered trilobite fossils in the footprints in hardened rock near Antelope Springs, Utah. This discovery was later verified by geologist Dr. Clifford Burdick. But there is a problem here – according to the theory of evolution, trilobites and humans are supposed to be separated by millions of years! (For more details and pictures see *Creation Research Soc. Quart.*, Dec. 1968, p. 97-102)

On August 19, 1968, Mr. Stanley Taylor led an archaeological expedition on the Paluxy River, near Glen Rose, Texas (*Bible-Science Newsletter*, Dec. 15, 1968). They uncovered numerous tracks (some bare – moccasined) with in a few feet of dinosaur tracks. But there is a problem here – according to the theory of evolution dinosaurs became extinct 70 million years before man began to evolve! Since 1968, Mr. Taylor had returned and filmed the evidence in a movie "Footprints in Stone" (Write Films for Christ Assoc., 1204 N. Elmwood, Peoria Ill. 61606 for availability of film.)

But what about missing links between man and apes – have they been found? No! According to Professor Rudolf Virchow, German paleontologist and anthropologist who wrote, "The ape-man has no

existence and the missing link remains a phantom.” Anthropologist R. Daniel Shaw has applied a creation-dispersion model to the fossil record of man showing that fossil men such as Australopithecine, Neanderthal Man, etc., which have been found on the periphery of the Old World, the Mesopotamian Valley, are quite possibly the descendants of Adam. The people became isolated geographically and suffered considerable variation and genetic degradation. The second law of Thermodynamics apparently causes a decrease in efficiency of the DNA molecule. This effect was probably accentuated by the strong inbreeding of these small groups of people. (“Fossil Man: Ancestor or Descendant of Adam?”, R. Daniel Shaw, *Creation Research Soc. Quart.*, March 1970)

One of the most compelling reasons for not believing in evolution, is the masterpiece of mechanism – our body. Consider the human eye with its lens, a photographic plate and a chemical reagent to develop the picture. It is about 1 cubic inch in volume, yet it receives pictures in color with automatic built in adjustment features. Consider the human brain which contains 10 billion neurons – each neuron is an extremely complicated affair which transmits signals by an electro-chemical process. There are 100 trillion contacts among neurons – yet each electrical message follows a unique path and they do not interfere with each other. Consider the liver – a big chemical plant would have to build acres of plants to do its simpler jobs. It produces over 1000 different enzymes to handle the multitudinous chemical conversions required by the human body. It manufactures clotting factors for the blood, detoxifies poisons such as nicotine and caffeine in our blood, breaks down alcohol into harmless carbon dioxide and water, manufactures a daily quart of bile to aid in digestion, etc., etc. Can you in your wildest imagination conceive of the eye, the brain or the liver being developed by blind chance (evolution)? I don't have that kind of impossible faith! It is much easier to have faith in a master designer – God! The Bible says that man was the last creature God created during the glorious week and Psalms 139:14 states that we are fearfully and wonderfully made!

A large crack in the crumbling foundation of evolution occurred in 1969 when the California State Board of Education agreed for the first time to allow the teaching of Biblical Creationism in California Schools. An excellent high school biology text that is being used in California and other states is *Biology – A Search for Order in Complexity*, editors, John N. Moore, and Harold S. Slusher, Zondervan Publ. House 1415 Lake Drive, S.E. Grand Rapids Michigan, 49506, \$7.95. This biology text examines the evidences for evolution and explicitly presents Biblical creationism. Two other excellent books on evolution are *Creation and Evolution* by David D. Riegle, \$1.00, Zondervan Press and *Evolution and Christian Faith* by Bolton Davidheiser, Presbyterian and Reformed Publ. Co., Philadelphia 1969 \$6.50.

Dr. Louis Bounoure, formerly president of the Biological Society of Strasburg, as well as Director of the Zoological Museum and director of Research at the National Center of Scientific Research in France, well summed up the state of evolution when he wrote “Evolutionism is a fairy tale for grown-ups. The theory has helped nothing in the progress of science. It is useless.”

### METEROLOGY

The “water cycle” whereby rain water is drained off by rivers into the ocean, then raised back to the sky by evaporation and then carried by wind currents back to the land again, became an accepted fact in this new science about a century ago. Yet this fact was strikingly set forth in the Bible thousands of years ago in Ecclesiastes 1:6,7.....

“The wind blows to the south, and goes round to the north; round and round goes the wind,

and on its circuits the wind returns.

All streams run to the sea, but the sea is not full; to place where the streams flow, there they flow again.”

### ICHTHYOLOGY

The story of Jonah and the monster of the sea has been difficult for many to believe. It was thought at one time that no fish or whale was large enough to swallow a man. However, the ichthyologists now tell us there are several fish large enough to swallow a man and three of these are the sperm whale, the white shark and the Rhinodon shark. There have been a number of accounts, some of them well authenticated, of men in modern times having been swallowed by one of the three previously mentioned sea monsters, and then later being rescued alive. For example, an article which appeared in the *Literary Digest* shortly before 1900, presented the account of a Mr. James Bartley who was a seaman on the whaler, “Star of the East”. He was swallowed by a whale in a harpooning foray. A day later when the stomach of the whale was cut open, James Bartley was found alive but unconscious. Following treatment in a London hospital he recovered, but his skin was permanently tanned by the action of the gastric juices.

There is no reason for us not to believe in an actual miraculous intervention by God in the preservation of Jonah's life. The Lord Jesus (Matt. 12:40) accepted the story of Jonah as authentic history, and even used it as a symbol of His own coming death and resurrection.

### MEDICINE

There are many examples of perfect correlation between the Bible and modern medical science. Consider the following example which leaves little doubt that God is the author of the Bible. (From *none of These Diseases* by S.I. McMillen, M.D., Spire Books, Westwood, N.Y., 1963, \$0.60.)

In Genesis 17:12 God is speaking to Abraham, - “He that is eight days old shall be circumcised; every male throughout your generation.....”

Medical doctors have found during the past 60 years that circumcision is a valuable health practice. Since it greatly reduced the occurrence of penile cancer in males and cancer of the cervix in their wives. Thus, after many laborious years of experimentation, medical science has at last confirmed, 4000 years late, that the best method of preventing two deadly cancers is circumcision.

Another important item that medical science has recently discovered is the clotting factor in the blood. The textbook *Holt's Pediatrics* reports that a newborn infant has “peculiar susceptibility to bleeding between the second and fifth days of life. Hemorrhages at that time, though often inconsequential, are sometimes extensive; they may produce serious damage to internal organs, especially to the brain, and cause death from shock and exsanguination. “It is felt that this tendency to hemorrhage is due to the absence of the important blood-clotting element, vitamin K. Vitamin K is not manufactured in the baby's intestinal tract until the fifth to the seventh day. Therefore, the first day that one knows for sure that it is safe to perform circumcision is the eighth day, the very day that God commanded Abraham to do so!!

Furthermore, there is a second element that promotes the clotting of blood. This element is prothrombin. A chart in *Holt's Pediatrics* shows that when a baby is born the amount of prothrombin

his blood stream is less than normal. The curve of prothrombin concentration dips to a very low value on the third day of the baby's life and then skyrockets to a level 10% above normal on his eighth day of life. It then levels off to normal values after the eighth day.

Thus, one observes from the concentration of vitamin K and prothrombin that the perfect day to perform a circumcision is the eighth day.... a fact known to many doctors and pointed out in the February, 1947, *Journal of the American Medical Association*. So again we see science correlating with the Bible – but 4000 years late! (Another excellent paperback on the Bible and Medicine is *The Bible and Modern Medicine*, by A. Rendle Short, Moody Pocket Book #98, Moody Press, Chicago, Ill., 1967, \$0.59.)

## GEOLOGY

There are many areas of geology that correlate with the Bible but I would like to confine my remarks to just a few of them.

Consider first some scripture from the Bible which has been hard for some people to interpret.

“For the Lord God had not caused it to rain upon the earth, and there was no man to till the ground; but a mist went up from the earth and watered the whole face of the ground.” Genesis 2:5 & 6.

These verses might possibly be explained by the Vapor Canopy Theory or the Greenhouse Effect. This theory states that prior to the flood of Noah\* the earth's atmosphere contained a tremendous amount of water vapor, much more than at present. We know that there is enough water in the oceans of the world to cover the entire earth to a depth of about two miles, if the earth's topography were smoothed out. It is conceivable that much of the water was, before the flood, stored in a great vapor canopy around the earth. Now water vapor in the atmosphere is similar to a glass in allowing the short wave radiation of the sun to pass through, but the long wave radiation is re-radiated from the earth is captured and reflected back to earth.

\*Fernand Navarra, a French explorer found timbers in a deep crevasse at 13,800 feet on a glacier on Mount Araret in 1955. He believes they are from Noah's Ark. Laboratories in Paris and Madrid reported the wood samples were white oak and almost 5,000 years old. No oak trees are within 300 miles of Mt. Araret and 13,800 feet is above the timber line. An international expedition headed by Eryle Cummings plans to explore the site during the summer of 1971. (For more information see “In search of Noah's Ark”. By Bob Hill, *Moody Monthly*, pp31-33, April 1970.)

This is exactly what happens in a green house. Hence, this water-vapor blanket would produce a uniformly warm, sub-tropical climate over the entire surface of the earth from the North Pole to the South Pole. This uniform climate would have caused meteorological conditions which are much different than those which occur today. High winds, storms, etc. would be unknown since they result basically from temperature differences. It is unlikely that rain could have been produced, even though there could have been a continuous interchange of water near the surface by the water condensing as dew at night and evaporating during the day. This inference is supported by the previously quoted scripture in Genesis 2:5 & 6.

In addition, with no water except transparent water vapor in the air, the rainbow would be unknown until after the flood, when its first appearance made it a beautiful and striking token of God's promise to Noah. (Genesis 9:13-15.)

But is there any geological evidence that would tend to support this theory? The answer is definitely yes! Coral reefs formed by sea creatures that can live only in warm waters have been found so far north that it is believed now that they underlie the North Pole itself. Tropical animals have been found fossilized not only in Siberia, Greenland and Alaska, but in practically every region in the world. Fossil ferns and other tropical and temperate vegetation, along with coal beds have been found in the great continent of Antarctica.

The Siberian deposits of elephants should also be mentioned. Literally millions of these animals have been entombed in the frozen soil in much of Siberia. A regular trade in fossil ivory has afforded livelihood to the natives of this region since at least 900 A.D.. In the more norther parts of the country large numbers of mammoths carcasses have been found in a standing upright position in the ground as if they had sunk down where they lived and had been frozen in that position. The evidence of the congested blood in the blood vessels of the frozen mammoths indicates that they died by drowning in spite of the fact that the modern elephant is a very strong and long swimmer! The remains of the last meal, consisting of elephant grass and other semi-tropical plants now foreign to that region, have been found in their stomachs. Other animals such as rinoceros, oxen and sheep have also been found frozen in the earth of Siberia.

All of this evidence led English scientist Sir Henry Howrth in his book *The Mammoth and the Flood* (1887) to conclude that a very great catastrophe occurred in the form of a wide-spread flood of waters which not only killed the animals and burried them under continuous beds of loam and gravel but also was accompanied by a great and sudden change in climate which froze the animal flesh under the ground. Geographer Donald Patten in his book *The Biblical Flood and the Ice Epoch* (Pacific Meridian Pub. Co., Seattle, 1966) build a strong case for the Greenhouse Effect plus a God-sent astral catastrophism which deposited vast ice masses near the magnetic poles. Patten's arguments indicate that an astral body composed of ice crystals was captured in an elliptical orbit about the Earth which resulted in catastrophic tides upon the Earth, turbulence, and terrific rain storms which depleted most of the water vapor in our atmosphere. The vast quantities of ice near our poles could have resulted from the ice crystals (which possessed a positive or negative electric charge) traveling down the magnetic lines of flux to the region of our magnetic North Pole and magnetic South Pole.

Another effect of the "Greenhouse Theory" could have been a reduction in the amount of short-wave radiation reaching the Earth's surface from the sun. This would be caused by the large amount of water vapor and ozone in the atmosphere. Ozone is concentrated in the upper atmosphere zone and in the pre-flood era it was probably in much greater concentration than in our present atmosphere. This would be due to the reduced vertical turbulence in the uniform atmosphere surrounding the Earth which would reduce the turbulent mixing and cause large concentrations at the upper levels. Therefore, water vapor would not only shield the Earth from solar radiation bu would also partially shield the outer ozone layer from the Earth's long-wave radiation. The Earth's long-wave radiation causes the ozone ( $O_3$ ) to recombine back to its normal diatomic state of oxygen ( $O_2$ ). Thus the water vapor and ozone would form an effective shield against the sun's short-wave radiation.

One of the most intriguing theories of aging of humans states that short wave-length radiation leads to premature aging and reduces the life span. X-rays, cosmic radiation and the sun's ultra-violet rays

are known to have somatic (non-hereditary) effects as well as genetic effects (gene mutations) which injure the individual but also his descendants as well. Most investigators agree there is no threshold below which ionizing radiation has no effect on living matter.

The pre-flood atmosphere would have far less background radiation than does the present one. Therefore, there must have been fewer somatic and hereditary mutations. Hence, everything, including the climate, favored the continued production of larger, stronger, longer-lived specimens of every type of creature. This, of course, is what we have seen in the fossil record. According to the Bible, many men lived to be more than 900 years old before the flood. However, with the vapor canopy precipitated at the time of the flood, the mutation rate speeded up, the size and strength of the average creature deteriorated, many species became extinct, and the length of the life-span began a steady decline. After the flood, the ages of the patriarchs in the Bible exhibited a slow but steady decline from that of Noah, who lived 950 years, through Salah who lived 433 years; Abraham lived 175 years; Moses dies an old man at 120 years; to the familiar Biblical 70 year life-span (Psalms 90:10).

Another possible reason for the decline in life-span following the flood would be the increased level of ozone at the Earth's surface. Patten pointed out that ozone is a chemical radical which, when ingested through the lungs and into the blood stream, can be diffused to the cells as a substitute for oxygen. Fettner found that "ozone is capable of producing chromatid breakages in human cell cultures, which are apparently identical to those produced by x-rays." Thus, ozone, even when ingested in only several parts per million, has a toxic effect and will react and injure many types of tissue including reproductive tissue.

It should also be pointed out that the tradition of longevity among the folklore of Egypt, Syria, Persia, India and Greece is well known. If ancient people (prior to the flood) did live for hundreds of years, then one would certainly expect to find stories and legends concerning their great age to exist in folklore – and this is exactly what we find!

### **GEOCHRONOLOGY**

Is the Earth 5 billion years old as some geologists say, or is it only about 7 thousand years old according to calculation based on the book of Genesis in the Bible? Dr. Melvin Cook (President of IRECO Chemicals and Professor of Metallurgy, University of Utah) and Dr. Robert L. Whitelaw (Department of Nuclear and Mechanical Engineering, Virginia Polytechnic Institute) believe that the radiocarbon method of dating (C-14 method) not only confirms Biblical history, but a creation of the earth less than 10,000 years ago. (See "Carbon-14 and the Age of the Atmosphere" by M.A. Cook and "Time, Life and History in the Light of 15,000 Radiocarbon Dates" by R.L. Whitelaw both June 1970 issue of *Creation Science Soc. Quart.*) In addition, (see Figure 1) a statistical analysis by Prof. Whitelaw of 15,000 radiocarbon datings show an unmistakable world-wide disappearance of man and animals for a long period about 5,000 years ago. This is remarkable confirmation of the details of the world-wide Genesis flood survived by Noah, his family and a boat load of animals.

## DISTRIBUTION OF RADIOCARBON DATES

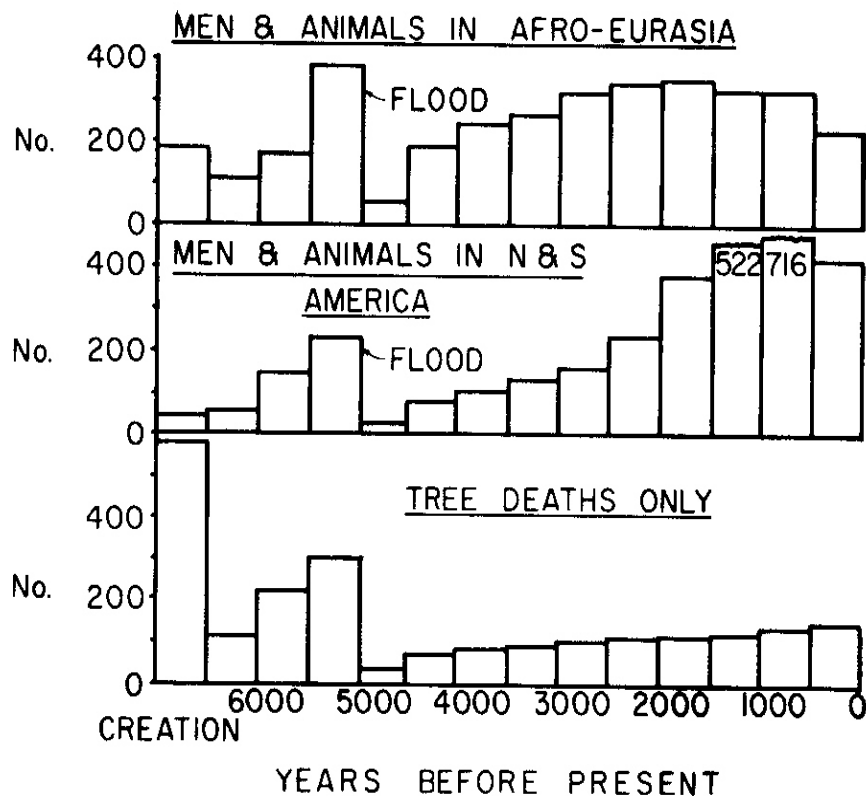


Figure 1 Distribution of Radiocarbon Dates (reference, Whitelaw, R.L., "Time, Life and History in the Light of 15,000 Radiocarbon Dates", *Creation Research Soc. Quart.*, June 1970)

As can be seen from Figure 1 none of Prof. Whitelaw's 15,000 radiocarbon dates are over 7,000 years old – which corresponds closely with the age of the earth according to calculations of some Bible Scholars.

Both Cook and Whitelaw noted the formation of  $C^{14}$  exceeded the known rate of decay for  $C^{14}$  by a significant amount and point out the fallacy in the assumption of world-wide equilibrium between radiocarbon formation and decay. This erroneous assumption has caused the reporting of apparent ages of organic materials of up to 50,000 years. However, when the known non-equilibrium conditions are used to replace the assumed equilibrium, all of the radiocarbon ages are telescoped to within less than 10,000 years. This includes published dates on Neanderthal man bones, sabre-tooth tigers, mammoths, coal, natural gas, crude oil, etc., etc.!

The radiological methods such as Potassium-Argon, etc. that have been used by some geologists to measure the age of rocks up to 5 billion years are fraught with a great variety of possible experimental errors and shaky assumptions according to Cook, Whitelaw and Morris and Whitcomb. (*The Genesis Flood* Pres. & Reformed Pub. Co. 1969.) A great majority of measurements have had to be rejected as useless because of the serious problems inherent in the methods used. For example, in the *Journal of Geo-physic Research*, Vol. 73, No.14, July 15, 1969, it is reported lava rocks formed in 1800 and 1801

in Hualalai, Hawaii, show an age of formation of 160 million to three billion years by the Potassium-Argon dating method. Yet, the report says with dismay, the age of formation of the rocks is known to be only 170 years.

Another report in *Science*, Vol. 162, page 265, Oct. 11, 1968 shows Potassium-Argon dates of 12 to 21 million years for volcanic rocks known to be less than 200 years old!

### **MATHEMATICS AND PROPHECY**

There are three hundred prophecies in the Old Testament that were fulfilled by the first coming of Jesus Christ. Professor Peter Stoner, a mathematician in one of California's colleges, gave a homework assignment concerning Old Testament prophecies and probability to students taking his course in mathematical probability. There were forty-eight students in this class and each student was assigned the problem of estimating the probability that Jesus Christ just happened to fulfill one of the prophecies by chance. For example, one student may have been assigned the prophecy in Micah 5:2 which states that the Messiah would be born in Bethlehem. Well, Jesus Christ was born in Bethlehem, so this student had to estimate that out of all the places on the Earth, what were the odds that Jesus Christ would be born in Bethlehem.

To get the total probability that Jesus Christ just by chance happened to fulfill forty-eight prophecies simultaneously, the individual probabilities had to be multiplied together. After doing so, Professor Stoner found that the total probability was one chance out of  $10^{180}$  (1 followed by one hundred eighty zeros.) To put it another way, the chances that Jesus Christ actually is the Son of God are greater than  $10^{180}$  to one. This was calculated using only forty-eight of the three hundred prophecies, so undoubtedly the odds are extremely larger than  $10^{180}$  to one.

The odds of  $10^{180}$  to one are more of a "sure thing" than anything you can predict in your future. For example let's suppose you are 20 years old and from insurance mortality tables we know the yearly death rate of persons 20 years of age. It turns out that the chances of you dying in the next second are one chance out of 10 billion, or to turn it around, the chances of you living in the next second are  $10^{10}$  to one.  $10^{10}$  is an extremely large number, but infinitesimally small compared to  $10^{180}$  !! To put it another way, the chances that Jesus Christ is actually the Son of God, are almost infinitely greater than the chances of you have of being alive this next second!!

### **CONCLUSION**

By this point you undoubtedly have reached the conclusion that there is a very strong correlation between the Bible and Modern Science. Therefore, the Bible and science must be casually connected. The only adequate explanation for this causality must be God. Therefore, if you believe what God said in the Bible about science then you surely must believe what God says about man's relation to Himself.

God says all men are sinful.

"For all have sinned and come short of the glory of God." (Rom. 3:23)

"The heart is deceitful above all things, and desperately wicked, who can know it?" (Jer. 17:9)

God says that all religions do not lead to heaven, only those who come by the way of Christ can

enter in.

“Neither is there salvation in any other, for there is no other name under heaven given among men, whereby we must be saved.” (Acts 2:12)

God says that trying to be a “good guy” will not justify a man for heaven.

“For whosoever shall keep the whole law, and yet offend in one point, he is guilty of all.” (James 2:10)

“Knowing that a man is not justified by the works of the law, but by the faith of Jesus Christ.....” (Gal. 2:16)

God says that you must put your faith in Jesus Christ in order to be “born again” and partake of the abundant life and enter heaven.

“For God so loved the world, that he gave His only begotten Son, that whosoever believeth in Him should not perish but have everlasting life.” (John 3:16)

“I am come that they might have life and that they might have it more abundantly” (John 10:10)

As an engineer who discovered the Christian faith as an adult in a Billy Graham Crusade, I can testify to the abundant nature of my new life in Jesus Christ. Even though I have failed Jesus many times He has never forsaken me.

My chief sin before I became a Christian was my independent attitude from God. I felt that if a man had a college education and success there was no need for the crutch of religion. It turns out I was partially right, man doesn't need religion, but he does need Jesus Christ!

Perhaps you're in the same position I was in before I accepted Christ as my savior. If so, you know know the reality of Jesus Christ in your life right now by bowing your head and saying this simple prayer of faith: . . . “Lord Jesus, I know that I am a sinner and can never save myself. But I believe that You died on the cross in my place and shed Your blood for my sin and arose from the dead. I do now receive You as my Savior and Lord; trusting You and You alone for my salvation. Save me now according to the promise of Your Word – 'Him that cometh to me I will in no wise cast out'” (John 6:37).

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