

# **CREATION Spelled Out for Us All**

by Mark W. Cadwallader

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This book is dedicated to my dear wife Susan, who has been my confidante and partner through so many of the various adventures of life, including the bringing into this world of our six wonderful children, Kate, Zach, Jeff, Michael, Stuart, and Russell. I thank her deeply for the love, commitment, and wisdom she gives to all of us.

Mark Cadwallader

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## Foreword

Though taught as a fact of science, evolution is actually philosophic. It is driven by presuppositions and assumptions that cling exclusively to the philosophy of “naturalism” (a.k.a. “materialism”). Naturalism says that nature is creator, transcendent to all else, and that ultimate reality is reduced to physical matter. Mankind, the most advanced species in all of nature, becomes the highest authority.

Evolution is the foundation for secular and religious humanism, which formally appeals to evolution and proclaims there is no God. No wonder that **as evolution has been declared to be fact, secular humanism has become the religious philosophy of modern society; a neo-paganism where man the creature is supreme.** This holds a seductive appeal for the pride of mankind.

By believing in evolution, it becomes easier for men to be little “kings unto themselves”, to create their own rules and justify their own ambitions and desires, able to indulge themselves in “*the lust of the flesh, the lust of the eyes, and the boastful pride of life*”, 1 John 2:16.

As the Bible explains, “*Professing to be wise they became fools,.... For they exchanged the truth of God for a lie, and worshiped and served the creature rather than the Creator, who is blessed forever. Amen.*” Romans 1:22-25.

For too long has Christianity compromised with and succumbed to a neo-pagan philosophy of life. It is time for all people to take a long hard look at evolutionism, and compare it to the truth revealed by Biblical Scripture, and by the actual evidence from science.

- Mark Cadwallader





## C – Complexity Calls for a Creator

*“For the invisible things of Him from the creation of the world are clearly seen, being understood by the things that are made, even His eternal power and Godhead; so that they are without excuse”, Romans 1:20.*

In his classic book *Natural Theology (1802)* William Paley presented the pocket-watch analogy for the existence of God. He described a person walking across a field who seeing a stone wouldn't think twice about how it got there. The stone has no working interconnected parts and appears to be raw material for later design and construction. If, however, the person found a pocket watch while walking through the field it would be quite reasonable to ask, who made it? The watch exhibits a high level of complexity and design with a variety of different parts all working together and finely crafted to produce motion for a purpose (to tell time).

Logic and intuition enable us all to perceive the evidence of design and creation, causing us to suspect and conclude the existence of a designer and creator. Indeed, as the Bible says *“from the creation of the world”* the existence and personality of a great God should be intuitively *“understood by the things that are made”*, *Romans 1:20*. Or as William Paley wrote in his classic treatise, **“The marks of design are too strong to be got over. Design must have a designer. The designer must have been a person. That person is God”** (Paley, 1802).

Nature is overflowing with many incredible wonders of creative complexity, designed with a purpose, even as we probe further and further into the simplest forms of life. The complexity does not diminish, but rather grows more marvelous as we look deeper into nature. Microscopic cells of living things contain the finest molecular machinery working together like an entire industrial factory with a purpose connected to the particular organ of the body to which they are associated. And if we reduce life even further, we have the precisely arranged molecules within DNA like the words in a set of encyclopedias or the instructions in a suite of computer programs,

issuing out specifications that are read molecularly and then carried out molecularly for every cell of every organ of the body. They act as “command central” for cell operations, being organized very specifically in their chemical bonding and arrangement to provide all the instructions necessary for life-forms to live and reproduce. We know intuitively that creative complexity and specification requires intelligent design. And incredible creative complexity in nature requires a Super-Intelligent Creator. Cars, jets, spaceships, skyscrapers, computers, and computer programs do not come together by chance. No one in their right mind would think they would. **Such things require intelligence, creativity, and the thoughtful harnessing of energy. So when we see creative complexity and elegance in nature all around us, we rightly conclude that there is a God who transcends the physical creation.**

In the nineteenth century when Charles Darwin proposed his theory of evolution, championed by crusading out-spoken biologists Thomas Huxley, Ernst Haeckel, and others, living cells were thought to be not much more than cytoplasm with a cell wall. William Paley’s argument came to be called a “delusion” by evolutionary biologists who said that “natural selection” was the creative force behind the development of life (a falsely and grossly exaggerated claim as we shall see). We now know that even the most basic and microscopic components of life are complex to the smallest of physical levels and beyond, all the way to the incredible amount of specification and coded instruction (information) that is imbedded within tiny molecules. The complexity is “irreducible”, and Paley is vindicated.

*“The fool has said in his heart, ‘There is no God’”, Psalms 14:1 and Psalms 53:1.*

## **R** – Reason Rejects Randomness

*“The Lord by wisdom founded the earth; by understanding He established the heavens,” Proverbs 3:19. “For we did not follow cunningly devised fables when we made known to you the power and coming of our Lord Jesus Christ, but were eyewitnesses of His majesty,” 2 Peter 1:16.*

The god of evolution is natural selection, as it capitalizes on chance occurrences. **Mankind is supposedly the product of random chemical reactions and mutations over billions of years. But sound reasoning tells us that random reactions simply do not produce complex systems of a high order.**

Francis Crick, co-discoverer of the structure of DNA, said that the probability of getting just one protein by chance, of the thousands required for one living cell, would be one chance in 10 to the power of 260 ( $10^{260}$ ) i.e., a number with 260 zero’s behind it (Crick, 1981). Mathematicians consider anything with odds worse than one chance in 10 to the power of 50 ( $10^{50}$ ) to be impossible.

Some years ago, a famous British mathematician Sir Fred Hoyle - with the brilliant Indian mathematician Chandra Wickramasinghe - calculated that the probability of a simple cell originating by random processes over an assumed 4.6 billion years of earth history was one chance in  $10^{40,000}$  (Hoyle, 1978). That’s a number followed by 40,000 zeros. **To print such a number would fill most of this entire book by itself, with nothing but a bunch of zero’s. And it’s  $10^{39,950}$  times bigger than  $10^{50}$ , the probability technically considered impossible.**

The two mathematicians wrote, “The probability of life originating at random is so utterly minuscule as to make it absurd.”

The chance that life might have emerged in the random way of evolution is much less than the chance that a tornado sweeping through a junkyard might assemble the Space Shuttle. By chance a tornado might be able to stick a sliver of straw into a telephone pole. But a tornado would never assemble a machine. And that’s what biological life is. **High levels of specific complexity simply do not emerge**

**from random energetic action, even if you allow lots and lots of time.** In fact science tells us that the more time you allow, the more time there is for things to break down.

Lower order complexity may form in certain random processes of nature. For example, snowflake crystals have a certain complexity due to the geometries possible as atoms slow down in their vibrations as water vapor and undergo secondary bonding with other atoms to reach a crystallization point and become a solid. Crystal formation as gases and liquids form solids is a lower order degree of complexity. But chance constructions of highly specific order are simply ruled out by probability theory and entropy, as we shall see in the next chapter. In addition to the calculations of skilled mathematicians, this is something we also understand intuitively. We easily distinguish an American Indian arrowhead among random stones, recognizing it as having a degree of detail, a higher order of complexity, that is beyond the chance erosive processes of nature.

**Some people used to believe that rotting meat would spontaneously generate maggots, which after feeding on the meat for a time turned into flies.** Or they would believe that dirt with the addition of rain would spontaneously produce tadpoles which then grew in the puddles to become frogs. One of the earliest controlled scientific experiments on record disproved the flies-from-meat scenario. It was conducted by Francisco Redi in 1688. He demonstrated that fresh meat in flasks closed with gauze or sealed with a lid would rot without the formation of maggots, while maggots would form in other flasks which were totally open to the outside. This is because flies, like frogs, need access to the host material to lay their eggs before meat, or dirt, can generate flies, or frogs.

But the fable of “spontaneous generation” did not die until the great scientist Louis Pasteur conducted another experiment in 1859, proving that broth needed more than mere access to air to grow microorganisms. He boiled meat broth in flasks and heated the neck of one of the flasks in a flame until it became pliable. He then bent it so that it pointed sideways in the shape of an S. Air could enter the flask, but airborne microorganisms could not – because they would settle by gravity in the low point of the S shaped neck. As Pasteur had expected, no microorganisms grew in that particular flask. When he tilted the flask to allow broth to enter the S shaped neck the broth soon became cloudy as the sterility of the solution was compromised and microorganisms took hold and proliferated in the broth. **Pasteur**

**established the first great law of biology, the law of biogenesis – it takes life to generate life.**

Yet even today many highly educated evolutionists believe that somehow early in earth's history life came from non-life. Fables die hard.

**To believe that random chance can create life is to believe a “cleverly devised fable”, 2 Peter 1:16.** The laws of probability predict that the direction of random energetic change is not in favor of construction but in favor of destruction. The direction of random energetic change is toward ruin, chaos, and disorder, just as the general effects in rotting meat are degeneration and decay all the way to dust.

All evidence is fundamentally based on eyewitness observation – either scientific observation during experimentation and testing of scientific hypotheses (as with Pasteur's tests establishing biogenesis and disproving spontaneous generation), or eyewitness testimony as in a court of law. No one has ever observed or witnessed evolution, and it is difficult to test by scientific method. Yet evolution is dogmatically taught as fact. Attempts to study evolution have failed to observe any real evidence in spite of multiple efforts.

For example, **random mutations in living things have been studied experimentally in fruit fly mutation studies that have been taking place since 1909.** At that time Dr Thomas Hunt Morgan reared and mated fruit flies at Columbia University in small glass bottles for the purpose of discovering genetic mutants which could compete successfully through natural selection. With bananas or other food in the bottom of the jars the flies could mate and lay eggs which became larva and pupa and finally adults in only ten days. The fittest individuals would be those that survived and left the most offspring. So pregnant mutant female flies were compared with pregnant normal female flies and competing adult offspring were counted and observed. By the 1920's Morgan and his students were using X-rays to speed up the rate of mutations thousands of times. This type of research, creating mutated genes with X-rays and testing them to see if they were beneficial, became very popular.

T. H. Morgan's doctoral students and others like them were in demand to establish fruit fly genetics labs in universities all over the world. And they did. Each lab might run 50 bottle tests at a frequency of once every ten days in a small room. From the 1930's to the 1960's

hundreds of thousands of generations of mutant genes were tested, in around 100 working fruit fly genetics labs in the United States alone. In other words, evolution was theoretically accelerated in millions of attempts to induce beneficial mutations which could then be “naturally selected” for, leading to some observed evolution.

And what was the result of all these studies? Mutant genes were not better, some were neutral, and the majority were harmful. “Mutation appears to be a destructive rather than a constructive process”. So said Dr T. Dobzhansky, who succeeded Morgan at Columbia University (Dobzhansky, 1977). **Yet the evolutionists hold out hope that somehow millions of beneficial mutations have occurred over “millions” of years and have been transmitted by natural selection through the process of the evolution of species. And they devise explanations and rhetoric to try to validate the hypothesis in spite of the lack of observation.**

The Bible juxtaposes “*cunningly devised fables*” with the observation of “*eyewitnesses*” (2 Peter 1:16). In contrast to evolution’s lack of a witness of evidence, the Bible very often reports its history on the basis of what judicial courts describe as “corroborating testimony”. This is testimony from independent “corroborating witnesses”, – multiple reports of the same events, which complement each other by their individual emphases and detail while not contradicting each other. It is the kind of evidence which is powerful to decide the truth in a court of law. For example, “corroborating testimony” is what the four different gospel writers Mathew, Mark, Luke, and John present about Jesus Christ (Strobel, 1998; Baukham, 2006). This gives the Bible superior reliability. Many other religious texts are the dictations of one individual, rather than the corroborating testimony of multiple witnesses.

The priests and gurus of our technological and secular age are evolutionary scientists who say that we should discard logical intuition and simply accept their counter-intuitive proclamations. They admit that there is the “appearance of design”. This is the reason for the titles of evolutionary biologist, ardent anti-creationist, and crusading atheist Richard Dawkins’ recent books, *The God Delusion* and *The Blind Watchmaker* - a reference to William Paley’s famous pocket-watch analogy discussed in the last chapter. Dawkins admits the logical intuition of creation. “Biology is the study of complicated things that give the appearance of having been designed for a purpose” (Dawkins, 1996). But he tries to argue, as do other evolutionists, that since some

science can be counter-intuitive, we must ignore the “mistaken intuition” of design and purpose. We must ignore the “appearance of design”. Natural selection they claim, is the “blind watchmaker”.

Here we have a “*cunningly devised fable*”. After admitting the logical intuitiveness of creation, the whole argument becomes, essentially, that because some science may be counterintuitive we should not trust logical intuition! Instead we should trust Dawkins and other evolutionary biologists who have learned the proper atheistic way to think about life. **What they wish to pass on is a terrible logic fallacy.** Some science may be counter-intuitive, but science itself is not defined as counter-intuitive knowledge about our world! Science is simply all knowledge about our world, most of which comes from the confirmation by testing of hypotheses which grow out of logical intuition!

When we study the creation in all honesty we are forced to the conclusion that an awesome Creator exists. The creation has the “appearance of design” because it has indeed been designed by the mind of God.

*“But now ask the beasts and they will teach you; and the birds of the air, and they will tell you; or speak to the earth, and it will teach you; and the fish of the sea will explain to you. **Who among all these does not know that the hand of the Lord has done this?**” Job 12:7-9.*

## **E** – *Entropy* is Escalating

*“For the creation was subjected to futility, not of its own will, but because of Him who subjected it, in hope **that the creation itself will be set free from its bondage to decay** into the freedom of the glory of the children of God,” Romans 8:20-21.*

The scientific law of increasing entropy (entropy = the quantitative measure of dissipation, dispersal, and disorder in a physical system) runs in the opposite direction to the concept of evolution. The creation is truly *“in bondage to decay”* (Romans 8:21) in a very thorough way. Initially discovered with steam engines as “The 2nd Law of Thermodynamics”, the law of increasing entropy ( $\Delta S > 0$ ) has been extended to all kinds of phenomena. It governs the direction of chemical reactions via the concept of “free energy” introduced by J. Willard Gibbs in 1876. And through the Boltzmann Equation, **increasing entropy is known to be at the heart of probability theory, predicting that the most dispersed chaotic states are the most probable.** Entropy is now also mathematically applied to the loss of clarity in communication (information transfer) through poor language use and other interferences to communication (Shannon, 1948).

The law predicts that energy conversion is always inefficient. For example, waste heat energy is always generated from machines performing work. Matter is fundamentally energy, so matter in its various forms naturally decays toward more disorder. Gases, for example, always dissipate to the most widely scattered randomized state available within the space they are contained. Increasing entropy is arguably the most verified and far reaching principle of science.

C.E. Shannon in 1948, when developing a mathematical theory for communication systems, separately arrived at the Boltzmann entropy distribution. On the advice of mathematician John von Neumann, Shannon called his function entropy although his work was in the theory of communications. There was considerable debate for a time as to whether his function was the same or merely an analog to the original entropy of steam engines. But by 1961 it was agreed that the



two entropies were examples of the same idea and not merely analogies (Jaynes, 1978).

**All forms of information transfer (communication) are plagued with the same problem which plagues energy transfer - the incessant spread of disorder. Poor spelling and punctuation, poorly organized paragraphs, sentences and verbiage, equivocations, excessive and redundant words, etc, all lead to disordered, chaotic communication, i.e., highly “entropic” communication.** The more variables uncontrolled, the greater the chaos and therefore the entropy, whether it’s communicating words and ideas, or interpreting the votes on paper ballots as with the close results of the year 2000 US Presidential election. It takes the input of intelligent thought, organization, and effort to reduce entropy and therefore disorder.

In general the principle can be stated this way. “If a physical system with many parts, has a number of possible conditions in which it can exist, then the possible conditions in which the entropy (dissipation) is approximately a maximum have a probability that exceeds all others combined by an enormous factor ” (Goldman, 1968).

Editors make a living cleaning up and clarifying written communications. Computers have to be defragged and debugged with hard-drive scans on a regular basis to prevent the dissipation of ordered information. Houses and machinery fall apart unless maintained. **Increasing entropy is proven over and over, in millions of ways, billions of times every day.** Everything naturally scatters in the direction of maximum disorder, and wears down or wears out. **The direction of natural change is decay, as the Bible says, not increased order as evolution tries to argue.**

**To overcome entropy always requires the input of outside intelligence and energy.** Jigsaw puzzle pieces are not scattered with increased order, but with increased disorder. A deck of cards when shuffled never becomes ordered, only disordered. A shaker used to season food with equal parts salt and pepper will always disperse the salt and pepper to a maximum state of disorder and appear gray, not separate layers of black and white, no matter how many times it is shaken. But we can cleverly arrange the puzzle pieces and the deck of cards using our intelligence and the energy in our fingers. And we can use tweezers with concentration and intelligence to pick apart the salt and pepper and form separate layers again. With the input of intelligence we can circumvent the natural direction of entropy and

develop order and complexity. In the midst of disorder we can intelligently use energy from the sun for example, as solar power, or wind power, or from fossil fuels, to accomplish a multitude of wondrous things.

Yet in spite of all our ingenuity and technology, the overriding principle remains. The whole universe is subject to increasing entropy through the dissipation of energy, the chaotic scattering of elementary particles, and the degradation of information transfer. All our intelligent projects and technology wear down and wear out. They decay with time. So do the things of nature. Apart from the programmed intelligence within the genetic heritage of living things, which lead to production, regeneration, and growth, matter wears out and decays.

We live with the frustration of decay, a manifestation of increasing entropy. **Whatever mankind accomplishes with energy and intelligence is always offset by greater decay in ways foreseen and unforeseen.** Pollution and loss of biological diversity accompany technical and commercial development. Our bodies wear out in spite of medical technology. **This is essentially a “curse” on the efforts of mankind. Death and decay plague progress; they plague life as we know it, bringing with them misery, pain, and suffering.** With such consistent and overwhelming decay through the scientific principle of increasing entropy, evolution has no way to progress.

Evolutionists try to rebut the problem of increasing entropy by saying that the law applies to a “closed” system, not an “open” system. With constant input of energy from the sun, the earth is an “open” system, so somehow evolution can get around increasing entropy. But this is a logic fallacy of misapplication, or a smokescreen using technical definitions. The earth relative to the sun is not the same as an electric motor relative to a power supply. The sun may cause seeds to sprout, and plant growth through photosynthesis. But these things are the results of pre-programmed genetic “intelligence” in plant DNA, not just effects caused by the sun’s energy making the earth an “open system”. And, of course, plants still wither and die in time. And energy stored in the sun is degraded as it becomes heat and light for the earth. As Professor P.W. Atkins of Oxford University puts it in his book, *“The Second Law”*, “...the deep structure of change is decay. At root, there is only corruption, and the un-stemmable tide of chaos” (Atkins, 1984).

**Consider an article of clothing.** As it is used, it becomes threadbare and worn out. The garment loses its “newness”, deteriorating in compliance with increasing entropy. Though it is cleaned and restored, or even left in the closet all the time, it cannot maintain its original condition. Old clothes are easily distinguished from new ones. Colors fade. The fibers lose their strength and resiliency as the chemical bonds within the polymer chains of the fibers break apart. And the fabric structure (how those fibers are assembled together) gradually unwinds and loses its organization. These decay processes march on with relentless determination. Eventually the garment reaches a state of maximum disorder when it has degenerated into dust.

**Indeed, the fundamental principles of “garment” decay represent both the increasing micro and macro-molecular disorganization which governs all varieties of decay according to the law of entropy.** The Bible, unlike religious books promoting endless seasonal cycles of reincarnation, etc, proves its grasp on truth because it has said long before entropy was even a word that the whole of creation was “*in bondage to decay*”, *Romans 8:21*. “***...the earth will grow old like a garment, and those who dwell in it will die in like manner; but My salvation will be forever and My righteousness will not be abolished,***” *Isaiah 51:6*.

People grow old and die. The Bible says this is because of sin. “*For the wages of sin is death*” *Romans 6:23*. It says that “*...a curse devours the earth*”, *Isaiah 24:6* because its inhabitants have “*...broken the everlasting covenant*”, *Isaiah 24:5*. **The Bible teaches that spiritual and moral corruption lead to physical corruption. When man first sinned against his Creator, God had to curse His creation to stay true to His perfect righteousness and perfect justice. The curse is the frustration of the death process, i.e., decay, corruption of initial order, and increasing disorder, known scientifically as increasing entropy.** And we must toil incessantly to overcome the natural dispersions and disintegrations of increasing entropy. “*Cursed is the ground because of you; in toil you shall eat of it all the days of your life,...for you are dust and to dust you shall return*”, *Genesis 3:17,19*.

There is a present “abnormality” of nature because of the fall of man into sin, so that nature is plagued with death, decay, disease, cruelty, and pain; and with maladies like pathogenic microbes, cancers, viruses, and harmful mutations - the frustrations that make this world a tough place. Some people want to blame God for the troubles of this

world, but the sin of mankind is responsible for these disorders of creation. A good and just God has had to withdraw His righteous life-support from a corrupted creation. As the Bible explains, “...nor does corruption inherit incorruption...” *1 Corinthians 15:50.*

**But the good news (the gospel) is that God has made a way for corruption to put on incorruption.** “*O wretched man that I am, who will deliver me from this body of death? Thanks be to God through Jesus Christ our Lord!*” *Romans 7:25.* God overcame entropy when He gave us the miracle of the personhood and resurrection of Jesus Christ, by whom we can be saved from the consequence of sin through faith in Him and His marvelous work on the cross on our behalf.

**Only God can supply the energy and intelligence (miraculous intervention) to bypass the results of increasing entropy.** And only God could have supplied the outside energy and intelligence to begin with and given us the miracle of CREATION. And the Biblical promise is that God will again overcome entropy to give us a “*new heaven and a new earth*” (*Revelation 21:1*) no longer subject to the original curse of increasing entropy in its present form. “*And God will wipe away every tear from their eyes; there shall be no more death, nor sorrow, nor crying; and there shall be no more pain, for the former things have passed away,*” *Revelation 21:4.* “***And there shall be no more curse, but the throne of God and of the Lamb shall be in it...***” *Revelation 22:3.*

“...*flesh and blood cannot inherit the kingdom of God; nor does corruption inherit incorruption. ... So when this corruptible has put on incorruption, and this mortal has put on immortality, then shall be brought to pass the saying that is written: ‘Death is swallowed up in victory’* *1 Corinthians 15:50,54-55*



For instance, in our logic series above we could assume that  $2 \times 2 = 40$ , making  $2 \times 2$  produce more than it does, and the final answer is not only incorrect, but absurdly so.

**In the same way, natural selection and/or mutations have been assumed by evolutionists to produce far more than they ever have been observed to produce.** In his famous book of 1859, *The Origin of Species*, Charles Darwin essentially proposed that the environmental adaptations he observed in species groups such as finches on the Galapagos Islands could be extrapolated beyond the species group. He essentially hypothesized that finches could become flying squirrels, for example, which could then become monkeys, which could then become people. But do we really see such cross-species change? No. **Natural selection leads to differences within species and groups of species but has not been observed to lead to a different or a new species group** (the Bible uses the word “kind”, *Genesis 1:11-24*). This “fixity of species” is corroborated not only by scientific experiment and by the fossil record, but by the observations of millions of farmers, ranchers, and breeders through all of time. A horse is a horse of course, and a cow is a cow. You can breed a horse and a donkey to get a mule but that’s as far as you can go. Thoroughbreds are adapted to horse racing, mustangs are adapted to the american deserts and clydesdales are adapted for heavy farm work in a temperate climate. But the adaptations remain within the species group (within the “kind”).

The “fixity of species” is clarified in our modern era by genetics. Unlike Darwin’s idea of endless adaptation, species groups cannot take on new traits through environmental adaptations unless those traits are first held within the genes of their group. A finch could never become a squirrel unless it first changed and added a great deal of new genetic information. Genetic mutations are the way this would have to be done, and **mutations are never known to add more genetic information leading to new “kinds”.** Instead, unless the organism escapes with a relatively neutral effect, mutations are observed to destroy genetic information in accordance with the well observed scientific law of increasing entropy.

Evolutionists often raise the example of bacteria becoming resistant to antibiotics as an example of organisms mutating beneficially for their survival. But this is a fallacy. To destroy a bacterium, antibiotics attach themselves to a ribosome in the bacterial cell. If a mutation leads to a misshapen ribosome, the antibiotic may not be able to “grab hold of” the bacterium, and the bacterium becomes

resistant. Yet this is a loss of genetic specification, not a gain, and it renders the bacteria weaker under normal conditions. **It would be as if someone born without hands is considered an evolutionary advance, because he cannot shake hands with a disease-infected person, thus avoiding contracting a certain disease.** Clearly the loss of hands is a loss of overall viability and not a genetic advance.

Beneficial mutations may be very rare but not impossible, the evolutionists argue. But the problem for the evolutionist is that a rarely occasional beneficial mutation would be so overwhelmed by the harmful and neutral ones, that it could not be “naturally selected” for species replication and advancement. It is a little like trying to hit the right tennis ball correctly while being bombarded with thousands of tennis balls on your side of the court. The beneficial mutation is so overwhelmed that it does not influence the natural selection process (Sanford, 2005). This is why the irradiated fly experiments never worked.

**The law of increasing entropy applies to random mutations just as it does to the random shuffling of cards or the random extraction and placement of jigsaw puzzle pieces.** The movement toward disorder overwhelms the rare hypothetical beneficial mutation.

Now, back to the calculation showing the mathematical principle of “propagation of error”. Even though the rest of our calculation above was perfectly logical and accurate, we ended up in absurdity because our founding assumption was in error.

The correct answer is 4.3 billion,  $4.3 \times 10^9$ , **the number of dollars Bill Gates, founder of the Microsoft Corp and for many years the world’s richest man, had a few years ago.** But with a wrong starting point, we calculated  $4.3 \times 10^{24}$ , more than the dollar value of the entire world’s production of goods and services added together over the last century! We ended up with a completely absurd answer, nowhere near the target, far from the truth.

**Similarly, through propagation of error, every time the assumption of evolution is applied to a sequence of logic, the error is compounded and magnified. What we might think is a correct answer is actually complete foolishness.**

Natural selection and/or mutation are assumed by the theory of evolution to have a tremendous creative power, above and beyond what

is observed and correct. But **propagating this error of wrong assumptions, assuming the creative power of God can be attributed to nature**, even though expounded with good logic by very smart members of the human race, **is how the supposedly “wise” can actually become “fools”**, believing an absurdity. As the Bible says in *Romans 1:22,23*. “*Professing themselves to be wise, they became fools, for they changed the glory of the incorruptible God into an image made like to corruptible man, and to birds, and four footed beasts, and creeping things*”.

What is the correct assumption which leads us to accurate knowledge? Scripture tells us.

*“The fear of the Lord is the beginning of wisdom, and the knowledge of the Holy One is understanding,” Proverbs 9:10.*



## T – *Transition-fossils* are Tainted

“...that yields fruit according to its kind,” Genesis 1:11; “...that yields seed according to its kind,” Genesis 1:12; “...the waters abounded, according to their kind, every winged bird according to its kind,” Genesis 1:21

Before Charles Darwin, the fossil record was very incomplete. Only a few fossils had been catalogued and studied. In his landmark book for evolution, *The Origin of Species*, Darwin admits, “The geological record is extremely imperfect, and this explains why we do not find intermediate varieties, connecting together all the extinct and existing forms of life by the finest graduated steps”(Darwin, 1859). **Now, some 150 years after Charles Darwin proposed his theory, the fossil record is infinitely more vivid and complete. And what do the fossils tell us? The myriad intermediate varieties envisioned by Darwin do not exist!** The fossil record bears out what the Bible says, that living things are distinct “*kinds*” which bear only “*according to their kind*”, Genesis 1:11-12,21,24-25. We don’t find intermediate varieties of species connected “by the finest graduated steps”

Rock formations with literally billions of fossils have been discovered. There are now millions of fossils catalogued in museums, representing over 250,000 different species (Raup, 1979). **For evolution to be true, we should have found by now many “transitional fossils”,** where the distinction between species among fossils should be quite blurred as Darwin admitted.

Evolutionists have long taught, for example, that birds evolved from reptiles, with legs becoming wings and scales becoming feathers. Yet this is a perfect example of the *lack* of transition fossils to prove their claim. **Where are the creatures with legs that are partly wings, and vice-versa (We could call them “lings”)? Where are those with scales that are partly feathers (We could call them “sceathers”)?** There should be thousands of intermediate species, both in the fossil record and alive to this day, because the differences are much bigger than even the exterior look of feathers and wings.

For example, reptiles have lymph hearts pumping lymphatic fluid back into veins, while birds have complex four chambered hearts that do not deal with lymph fluid, and they have completely separate oxygen-rich and oxygen-depleted blood. Birds regulate their own body temperatures (are warm blooded), while reptiles are cold-blooded. Reptiles have heavy “solid” bones, while bird bones are very light and “hollow”. And there are many other differences that would require multiple intermediate species.

**Yet the transition species are not found wandering around on the earth today, nor do they appear in the fossil record.** Archaeopteryx, long claimed as a fossilized bird/reptile transition, is now acknowledged to be simply an extinct bird (Sunderland, 1997).

Since we haven’t found the transitions, evolutionists have invented a new concept called “punctuated equilibria”, in which they say evolutionary transitions must have occurred in huge leaps! Rather than admit that the theory has major problems, they change the theory to fit the lack of evidence, and neatly do away with the transition fossil problem. This makes the theory even less testable and falsifiable than ever, therefore keeping it as an hypothesis, not really even a theory, and certainly not a fact of science.

**Urgent efforts to find transition fossils (missing links) have led to fraud and all kinds of rushed conclusions that have been in error.** Even so, these errors have managed to hang around in textbooks for quite a few years, especially when it comes to the so-called “ape-men”.

Ever since the time of Charles Darwin, evolutionists have been convinced that somehow people evolved from the ancestors of monkeys, apes and other primates. After all, there are so many similarities of shape and appearance. There was tremendous interest in finding these particular transition fossils. But over the years the supposedly discovered “missing links” have been found to be flawed in one way or another (Wells, 2002).

The finds include 1) premeditated frauds (eg Piltdown Man was a fraudulent combination of human skull and artificially aged orangutan jaw taught by elite college textbooks as fact for decades after it was acknowledged as fraudulent.) 2) hopeful excavations of extinct apes which became fraudulently perpetuated rather than admitted by their discoverer (eg Java Man – a giant gibbon) 3) wishful accidental

combinations of human and ape bones (eg Peking Man) 4) humans with bone deformities (eg Neanderthal Man) 5) controversial extinct apes resembling chimpanzees and/or gorillas (eg East Africa Man and “Lucy”). All these have been dramatically rendered by evolutionary artists to perpetuate the myth.

Theorized by scientists and drawn by artists for the popular media from a single tooth discovered in 1922, Nebraska Man was “fresh evidence” in the famous Scopes Evolution Trial of 1925. The Scopes trial won a huge public relations battle for evolution in the media by making evolutionism come across as scientific and creationism come across as ignorant religion. Yet in 1926 the discoverer of the tooth returned to the Nebraska site and found the rest of the skeleton. It belonged to a type of pig!

The “missing link” field of study is clearly data-poor and imagination-rich. In *The Origin of Species*, Darwin went on to say, “He who rejects these views on the nature of the geological record (Darwin’s positive spin for his theory explaining away the lack of transition fossils), will rightly reject my whole theory” (Darwin, 1859). Well, the time is overdue to “reject his theory”. The fossil record is now quite thorough, and transition species still remain a dream of the evolutionists.

### **Genetic science confirms the paleontology of the fossil findings.**

No change in a species group ever can take place without the right genes first being there! Dogs remain in the dog-kind, though there is a range of variation within the dog-genes – eg., short-haired breeds adapting to desert environments and long-haired ones adapting to the arctic cold. But **the genes which code for feathers are simply not present in the dog-kind, so that a dog will never adapt into a bird. In Darwin’s day, before genetics was developed as a science, he assumed that animals had an unlimited capacity to adapt to different environments.** He has been proven wrong.

Wishful thinking, evolutionary assumptions, and artistic imagination based on just a few bones, keep evolutionists hopeful that they have found some transition fossils here and there, linking certain organisms. But the fossils actually prove creation of the distinct “kinds” per the Bible, not evolution.

*“Then God said, ‘Let the earth bring forth the living creature according to its kind; cattle and creeping thing and beast of the earth, each according to its kind’, and it was so,” Genesis 1:24.*

## **I** – *Information* is Implanted

*“My frame was not hidden from You when I was made in secret, and skillfully wrought in the lowest parts of the earth (possible paraphrase, “of the most elementary compounds of the earth”). Your eyes saw my substance, being yet unformed. And **in your book all my members were written, which later on were fashioned, when as yet there was none of them**” Psalms 139:15-16.*

Information Technology (I.T.) is a new program of study in colleges and universities, and companies hire I.T. people to keep their computer programs running right. Information processing is critical in our day, which is why we are said to be in the “Information Age”.

**Our understanding of computerized information translates to biological information as well.** Every living thing has chemical information via the language of DNA, similar to computer programming. Computer programs require software engineers and other intelligent people to come up with the programming. The programs use “computer languages” to run “computer operating systems” and all kinds of computer software enabling people to do all kinds of things, from word-wrap and spell checks in word processing, to accounting and engineering spread sheets, to interactive video games, and much more. **Similarly, DNA programs use “molecular language” to run “biological operating systems” and all kinds of biological software enabling people to breathe, move, think, and be the persons they are.**

God understands everything about us because He was our “software engineer”. He “wrote the book on us”. As the Bible says, in a passage which demonstrates incredible prophetic foreknowledge, referring to some sort of microscopic human developmental determinism such as we find in DNA: *“Thine eyes did see my substance, yet being unformed, and in Thy book all my members were written, which in continuance were fashioned, when as yet there was none of them.” Psalms 139:16.*

All the forms and functions of our body are determined by **messages within ladder-like chains of DNA molecules. These molecules are indeed like super-huge computer programs,**

**describing everything about the development of a particular organism.** DNA can be read like a book by someone who understands the language. This is exactly what mankind has done through the Human Genome Project.

*E. Coli*, the bacteria in our intestines which helps digest our food, is estimated to contain 1 trillion bits of information, more than the total number of letters in all the books of a very large public library! Tiny slugs and leeches are still more dexterous and intelligent in many ways than today's computers and robots. Despite having on the order of only 300 nerve cells (compared to 14 billion nerve cells in the human body) they can learn – something computers can't do very well. **It takes the corporate intelligence of mankind, building on the accumulated knowledge of previous generations and their inventions, to design, build, and program computers. Yet, biological computers, plants and animals, are said to have evolved by chance from rocks and minerals!**

The simple internationally recognized cry for help, S.O.S., the acronym for "Save Our Souls" is understood in Morse Code as •••– –•••. And whether the message is sent by smoke signals, reflected light from mirrors, sounds, or as electrical signals over telegraph wires, the organization of dots and dashes is recognized as not coming from chance circumstances but from some intelligence, some person, in need.

Morse Code is a communication system based on just two units, dots and dashes. Yet all kinds of complex information has been transmitted using Morse Code. Computers also operate from a binary code, ones and zeros, to transfer all kinds of complex information. Intricate genetic information is based on a similar code, but a code using four basic units, the four nucleotides – adenine, guanine, cytosine, and thymine – which occur in DNA in sets of three. The four different nucleotides can be arranged in groups of three a total of 64 different ways, thus providing 64 "characters" in a genetic alphabet. **These alphabet characters reside as very specific and extensive instructions in the ladder-like strands of DNA, describing precisely all the inherited traits and functions of an organism.**

**The genetic language of DNA, with precise instructions for heredity and function, is read by proteins and enzymes as they attach, disengage, and re-attach themselves to the nucleotides in the DNA of each cell of the body, thousands of times every minute. The**

amount of information conveyed is absolutely enormous, with each cell in the body reading the DNA to obtain the specific instructions having to do with the particular function of the particular cell. Such organization and reading of complex language and information requires tremendous design and intelligent programming. Yet, evolutionists do not attribute this complex code of incredible information content to an incredibly intelligent author/programmer. **A simple S.O.S. signal is attributed to intelligence, but complex genetics are attributed to chance. There's more than a little bias and irrationality here.**

*“...avoiding the profane and vain babblings and contradictions of science falsely so-called” (“science” = Latin for “knowledge”), (Greek: “...the profane and vain babblings and contradictions of ‘pseudo’-science”) 1 Timothy 6:20.*

## O – *Origin* of One

*“God that made the world and all things therein, seeing that he is Lord of heaven and earth, ... giveth to all life, and breath, and all things; And hath made of one blood all nations of men for to dwell on all the face of the earth...” Acts 17:24-26*

**If evolution were true, intelligent life should have evolved multiple times in multiple forms.** So firmly was this recognized as a logical conclusion of evolution that at the beginning of the twentieth century black Africans, Pygmies, Aborigines of Australia, Tasmania, and the South Pacific, even Asians and Jews, were considered by many to be from a different branch in the evolutionary tree of life, and/or less-evolved creatures.

Evolutionism provided biological arguments for racism, rapidly fueling the growth of racism in the late nineteenth and early twentieth centuries. **Any group of people not as advanced in civilization or technology, or who were otherwise peculiar, could be claimed as evolutionarily inferior.** The pseudo-science of eugenics was born out of evolutionism, in which racial features such as cranium sizes were studied in attempts to show superiority or inferiority among the races.

**Saying they are “sub-human”, and in the name of “helping nature eliminate the unfit”,** Europeans hunted Australian Aborigines and robbed their graves to send back thousands of museum specimens for skulls, pickled brains, and skins to be stuffed for display in Europe and the United States. The Tasmanian Aborigines were hunted to extinction, while an African Pygmy named Ota Benga was displayed for several years in a cage with an orangutan at the New York Zoo.

And of course the Nazis set up a large elaborate infrastructure to kill millions of the “evolutionarily unfit”. The Nazi’s, **and even quiet-spoken, respectable, hard-working museum directors collecting specimens of “primitive man”, were motivated by their belief that they were “helping evolution along”.** In this way they justified warmongering against and/or extermination of so-called “weaker peoples”. Finally, the sheer scale and humanitarian insult of the Nazi



holocaust created a new outrage against eugenics and evolution-based racism.

**Today, we know scientifically that there are no “sub-humans” in the world.** All primitive peoples are still people - people who can intermarry, become educated, and succeed like other folks. **They are not relics of less-evolved men. They are more comparable to burned-out corporate executives who for one reason or another have given up on civilization to become perhaps homeless persons on skid-row.**

The early evolutionary expectations of living ape-men have been proven wrong. All people, as individuals or groups, can either progress through hard work, wisdom, and civilization, or they can regress from earlier standards of living and quality of life as they adapt to different environments and adopt different lifestyles, attitudes and religions.

Genetic science now teaches us that if you take any two people from anywhere in the world, whether from the same people-group or not, genetic differences would be about 0.2% (Gutin, in Ham, 1999). The so-called “racial” differences (skin color, eye shape and color, hair, etc) account for only 1/17<sup>th</sup> of this 0.2% average genetic difference among peoples, or for a mere 0.012% difference genetically (Cameron, in Ham, 1999). There can be more genetic difference within a people group than between them, and the differences between them are genetically trivial. **The best match for an organ transplant for a white man in Germany might be found in an Australian Aborigine.** This would have been unthinkable to many during the early days following Darwin’s publication of *The Origin of Species: The Preservation of the Favoured Races in the Struggle for Life*. Notice the subtitle of Darwin’s book. People tend to de-emphasize that these days.

The Bible has always been right when it says “*God...hath made of one blood all nations of men for to dwell on all the face of the earth*”, *Acts 17:24-26*

**If evolution were indeed true we would expect it to have occurred throughout the universe from multiple angles where environments were suitable, with many different routes toward the culmination of intelligent life.** There is no reason, depending as evolution must on billions of randomly fortuitous chemical reactions, that we should find only one style of intelligent life (human beings). **The different imaginations of intelligent life such as found in the**

**science fiction of Star Wars should be evident all around us.** Why not intelligent species like the Ewoks, the Wookies (Chewbacka), the Hutts (Jaba the Hutt), the Gungans (Jar Jar Binks), the Tusken Raiders (Sand People), the Dugs (Sebulba), the Mon Calamari's (General Ackbar), the Quarrans (squid heads), the Jawas, the Rodians, the Ithorians, the Aqua Fish of Ando, and other weird intelligent life-forms? Our cantinas should be like the one dramatized through Star Wars' Mos Eisley Space Port, featuring amongst other space aliens the music playing Biths. Such a potpourri of intelligent life, at different levels, evolving through different chemistry along different paths, should be standard fare if evolution were true.

**In fact, because intelligent life-forms evolving all around us is a logical conclusion of evolutionism, mankind has engaged for nearly the last half-century in the SETI project (the Search for Extra-Terrestrial Intelligence).** Huge radio telescopes have been scanning outer space, listening for signals indicating intelligent life. But no such signals have ever been detected. And human beings on earth put out enough coded transmissions that similarly intelligent beings listening to the cosmos should be able to find us as well.

Yet so far, nothing! We seem to be the one special creation in the physical universe, just as the Bible tells us. There is one Creator God, who created life with similar building blocks and features for our benefit – resources, enjoyment, stewardship – and created food that our bodies can assimilate. If life came from varied chemical building blocks, how could we metabolize and assimilate our food?

**Partly because of the absence of different pathways to intelligent life on earth, evolutionary biologists are taught to assume that all life descends from common ancestors.** Interesting, isn't it, how the lack of evidence for their case causes evolutionists not to discard their case but simply to make another assumption about their case? (That's because evolutionism is a faith.) This assumption is called “**common descent**” or “**common ancestry**”. It comes **from the observation of similar building blocks and similar features in living things. So they say, case closed.**

**However, the case is *not* closed.** As we study great creative works, we learn to recognize the unique styles of the masters. Rembrandt had his style as a great artist, and Bach had his style as a great composer and musician. Each is recognizable by their own peculiar combination of similar features throughout their works. **Great**

**artists, musicians, architects, sculptors or other creative geniuses reflect their individual personalities in their work.** And they have their particular reasons for staying with a certain style and format, and for using the same “nuts and bolts” and features in different aspects of their creations. A Norman Rockwell painting is recognized as a Norman Rockwell, not a Picasso, and vice versa. And a Frank Lloyd Wright architectural design has its recognizable features and similarities which easily distinguish it from the constructions of Buckminster Fuller or some other master architect. **The recognizable features and similarities identify the handiwork of a singular prolific and creative personality.** Likewise, similarities in the designs and constructions of nature testify to style and choice in the handiwork of One Super-Creative Personal God. “Common ancestry” thus gives way to the better postulate of “common design”. The “common ancestry” argument of the evolutionists is not at all a forced conclusion from evidence, but merely a biased assumption that denies the truth of God!

Now here’s the truly wonderful thing! This Designer/Creator/Personality wants each one of His special creation to cease denying and running from Him and to be restored to Him. **Through the person of Jesus Christ we can more clearly grasp the Personality of our Great God, and we can be redeemed by faith to a divine relationship with Him.** Through Christ’s death on a cross the problem of our estrangement to a Holy God, brought about by our moral corruption, has been laid to rest.

*“For Christ also suffered once for sins, the just for the unjust, that He might bring us to God, being put to death in the flesh but made alive by the Spirit” 1 Peter 3:18.*

*“Then God said, ‘Let Us make man in Our image, according to Our likeness; let them have dominion over the fish of the sea, over the birds of the air, and over the cattle; over all the earth and over every creeping thing that creeps on the earth’. So God created man in His own image, in the image of God He created him; male and female He created them” Genesis 1:26-27.*

## N – Noah Not Naturalism

*“For this they willingly are ignorant of, that by the word of God the heavens were of old, and the earth standing out of the water and in the water: whereby **the world that then was**, being overflowed with water (Greek, kataklusmos, the ‘cataclysm’ specific to the flood of Noah), **perished** (was annihilated, utterly destroyed)”, 2 Peter 3:5-6 .*

**If we see a blind man restricted to a wheelchair, should we automatically assume he has been that way all his life? Remember, assumptions are everything when trying to assess what is true and right.** Perhaps he has, and this is the assumption of “uniformitarianism” – the things of the past have been uniform with what we observe going on today. But it is also quite possible that he has been involved at some point in his life in a catastrophic occurrence, which has left him changed and quite different from what he once was. Allowing for a catastrophic occurrence which has drastically changed things is called “catastrophism”.

Currently taught secular science proclaims that the earth is billions of years old. In contrast the Bible teaches, in its most “plain sense” reading, that the earth is only thousands of years old. **The discrepancy between secular science and the Bible is reconciled simply by understanding that the world as we know it now has been radically changed compared to its early history.** Therefore many assumptions about today’s measurements into the earth’s distant past are not valid.

Dinosaurs have been presented as relics in the history of evolution, which mysteriously became extinct 65 million years before men ever set foot on earth. Yet there is much evidence, suppressed by secular academics and the secular media, that dinosaurs coexisted with mankind and died off as a result of a huge watery catastrophe that buried some of their remains and fossilized them under tons of water pressure. **The catastrophic watery deluge** radically changed earth’s climate and ecology, making the world inhospitable to them. Such a catastrophe **would invalidate many uniformitarian assumptions about the earth’s past, just as a major catastrophe would change assumptions about the progress of life for the blind man in the wheelchair.**

## **Global Cataclysm**

A great catastrophe came upon the earth thousands of years ago; a worldwide flood of torrential rains from the collapse of water storage in the atmosphere of that time. This was coupled, the Bible says, with molten eruptions, upheavals, and watery expulsions from within the earth, which would add to flood volumes and create liquefied and unconsolidated (soft, muddy) soils. ( “... *all the fountains of the great deep were broken up, and the windows of heaven were opened. And the rain was on the earth forty days and forty nights.*” Gen 7:11-12).

**That the catastrophe of Noah’s time was certainly no ordinary flood**, and included more than flooding, is not only clear from a plain sense reading of the Bible, but also **is indicated by use of the Greek word ‘kataklusmos’ in references to the great deluge of Noah**. This is the word from which we get our English term ‘cataclysm’. It is not the normal Greek word for flood, but refers in Koine Greek (the common Greek brought to much of the world by the conquests of Alexander the Great) specifically to THE great flood of Noah.

The clear indication from ancient recording is that in the huge catastrophe during which Noah and his family escaped on the Ark, there was enough going on to make it quite different from a normal flood, so as to radically and thoroughly (cataclysmically) change the nature of the earth.

As waters receded from the global deluge, the present continents would be re-formed and moved into position by the internal upheaval of the cataclysm. Soft, water-logged soils, under horizontal compression and uplift forces would buckle into mountain ranges as the earth movements settled out. Flood run-off would occur, some as catastrophic drainage like the Grand Canyon, with other drainage not-so-catastrophic. Water would percolate out of the muds to settle eventually in the oceans, and the fluidized soils would turn into sedimentary rock.

**Such rapid formation of geologic features does indeed occur**, as is witnessed many times around the world on a much smaller scale than the global cataclysm of *Genesis 7 – 9*. For example, in 1980 the volcanic Mount St Helens in the state of Washington, exploded, melting huge volumes of ice and snow, emptying an entire lake and

sending water and mud flows down-slope. This created a canyon one-fortieth the size of the Grand Canyon, complete with 100 ft walls layered with sedimentary rock typical in the washing, settling, and later drying-out of liquefied soils.

Simultaneous deposition of layering in soils is observable and repeatable in a tank of flowing water where sorted and stratified sediments form on the tank bottom. Such a process has been used for centuries to separate minerals, and it also can be observed, as it was at Mount St Helens, when rivers are in flood.

**In fact, the clearest explanation for the rock strata visible in the earth and on the walls of canyons and mountains all over the world is for their original deposition as soft, muddy soils from extensive and thorough flooding.** Sometimes the sedimentary rock strata are turned to point into the air as if the mountain or rock formation simply flipped over. This could certainly happen if sub-soil stability was sufficiently weak because it was so water-logged and soft underneath shortly after the rock formation first formed. At other times - worldwide and in all sorts of places - many layers of rock strata hundreds of feet thick are seen bent and tightly folded (not broken) into what are known as synclines and anticlines. **Clearly the folding took place when the thick rock layers were, for some reason, essentially a mud.**

The fact that many of the rock layers contain millions of fossilized plants and animals also testifies to their rapid burial under the pressures of a huge flood. **Everyone knows that if dead organisms remain unburied and exposed they rapidly disintegrate and decay to dust.** But with so much liquefied soil (quicksand) and mud movement under water, rapid burial of organisms was extensive, leaving a large fossil record all over the world. Huge numbers of fragile invertebrate organisms worldwide - with fine delicate details preserved - are in the fossil record. **To preserve the fragile fossil detail, they had to have been deeply buried with great rapidity,** and the ocean mud accumulation of today is simply not fast enough.

Ninety-five percent of fossils discovered are marine invertebrates such as shellfish, with plants, algae, and other invertebrates comprising almost all of the remainder (Morris, J., 1994). Only 0.0125% are fossils of vertebrates, and 95% of the vertebrates are fish. Land vertebrate fossils often consist of one bone or less. So the fossil record

seems to argue for a marine-based cataclysm, in which land animals were not well preserved as fossils.

**For evolution with its millions of years to be true instead of the Biblical creation/Noahic flood account, not only should we have found myriad transition fossils as mentioned, but also we shouldn't have this huge discrepancy between land animals and marine specimens in the fossil record.**

An interesting type of fossil generally ignored in science texts are the polystrate fossils - fossilized trees which pierce through multiple strata of rock supposedly deposited thousands or millions of years apart. Commonly found in coal mines, they are evidence of rapid deposition in the soft, muddy soils of a great flood, and thus are evidence against long ages between rock strata. **Indeed, the burial of vertical tree trunks has also been observed at Mount St Helens,** where many trees, stripped of their branches and bark, were ripped out of the ground during the volcanic blast. They settled into the post-eruption Spirit Lake by sinking vertically into the muddy bottom to be covered over by more mud and silt.

**The great cataclysm of Noah radically altered the world (2 Peter 3:6), with many things changed** - temporarily or permanently – including a changed atmosphere, changed climate, changed terrain, and changed rates of many natural processes we can measure today. These include the rate of human aging (compared to the recorded ages of pre-flood patriarchs in the Bible), the rate of radioactive isotope formation, and the rate of nuclear decay, among other things.

Though plagued with many known errors of measurement, decay of the radioactive isotope Carbon-14 (C-14) has been used to date carbon-containing material from living things such as fossil bones and petrified wood. C-14 is formed in the atmosphere from cosmic rays impacting nitrogen gas. **The dating method assumes the rates of atmospheric formation of C-14 have remained the same since life began. This is like assuming the blind man in the wheelchair was always that way since the time he was born (a “uniformitarian” assumption).** But what if the pre-flood atmosphere were different, with more atmospheric water storage creating a shield against cosmic radiation (as water vapor in the present atmosphere partly does today)? Early C-14 levels would be much lower than the method assumes, and ages older than the cataclysm of Noah would be grossly overestimated. With more water storage at the top of the atmosphere (released as rain

in the great flood) it would have formed a “canopy” for climate control, blocking cosmic radiation and warming the polar regions of the earth like a greenhouse. From fossilized plant life evidence, along with dinosaur and tropical reptile remains, the polar regions indeed reveal that they were at one time a much more moderate climate.

**Nuclear decay rates may also have changed because of the great cataclysm of Noah.** Nuclear decay rates are known to differ with extremes of temperature, and it is quite possible that accelerated nuclear decay took place within the earth, not only during creation but also during the time of the great deluge. Heating and change deep within the earth is alluded to in what seems to be prophetic hindsight in *Deuteronomy 32:22* and *Psalms 18:7-16*.

Scientific evidence, in fact, supports the possibility that nuclear decay rates were accelerated at some point in the past. Granite is one of the base rocks of the earth, not formed from sediments deposited out of water but extruded out of the earth as magma. The radioactive element uranium in granite rock generates helium atoms as it undergoes radioactive decay, transforming into a number of other elements before it stabilizes into lead. Eight helium atoms are generated through this radioactive decay process from one uranium atom decaying into one lead atom. **Unexpectedly, much of this helium, a very quickly diffusing gas, has remained in the surrounding zircon mineral crystals in the granite** (Gentry, 1982).

**Helium is the second smallest element** (after hydrogen), **with the second lowest density of any material in the universe.** It is chemically classified as an “inert gas”, which means that it does not react with anything. It remains a gas down to  $-269^{\circ}\text{C}$ , so that no place on earth is cold enough to freeze it. **As a gas, it has a very high rate of diffusion, and as a very tiny molecule it can get through very small atomic spaces.** This is why helium rapidly leaks out of the helium balloons you may inflate for birthday parties. The tiny helium gas molecules diffuse through rubber balloon walls, and after a day or two there is not sufficient helium in them to keep the balloons floating in the air.

The rocks contain a measured 1.5 billion years for the uranium-to-lead decay at currently measured half-lives of uranium. And this has become one of the key measures for earth-age pointed to by modern earth scientists, educated with uniformitarian and evolutionary presuppositions. But the rate of helium loss from the zircon crystals



around the uranium atoms into other surrounding mineral crystals is very high. Why would there be so much helium still in the zircon crystals? For that much helium to still be present from the radioactive decay process reveals the helium to have been leaking out from the zircon crystals for only 6,000 ( $\pm$  2000) years (Humphreys, 2004)! **There shouldn't be any appreciable helium left in the crystals containing the uranium or lead in granite if the granite is really 1.5 billion years old! Yet there is. A lot of it,** making for very young ages for granite rock according to rate-of-helium-leakage calculations.

**So why has there been the accumulation of radioactive decay products lead and helium, and the helium has not leaked out? Lots of catastrophic change in a short timeframe is what the helium-in-granite evidence reveals.**

The rates we measure today for many things have not always been the same in times past. There have been episodes in the earth's history for greatly accelerated decay rates, such as during the great cataclysm of Noah. Nuclear decay rate changes would be triggered by extra high temperatures within the earth, compressing radioisotope timescales enormously.

Modern scientists focus on the very-old-earth calculation from current-rate measurements of uranium decay to lead. They don't think to look at the byproduct helium in surrounding crystals, dismissing it as some kind of fluke presence. **This is unscientific bias. It shows their commitment to the very long ages demanded by the presupposition of evolutionism.**

Since they reject the global watery cataclysm of Noah's time, **secular scientists consider it a mystery as to what would cause an ice age, noting that evaporation rates from the oceans would have to increase substantially** along with cooler atmospheric conditions in order to bring about the increased precipitation and reduced temperatures which would form the great ice sheets. But assuming the truth about Noah's flood makes for an easy explanation - just like it easily explains the worldwide fossil record, the occurrence of polystrate fossils, and the fact that sedimentary rock layers all over the world are bent and folded indicating they were once thick layers of loose mud, etc.

Following the great cataclysm and the gushing forth of subterranean fluids (*Genesis 7:11*), warmed and heated ocean waters

would lead to increased rates of evaporation in the oceans. At the same time, the atmosphere would cool following collapse of the greenhouse moisture canopy, along with reduced sunlight due to large amounts of volcanic ash. **This would be the trigger for an ice age at the polar extremities of the earth**, accounting for the evidence of ice age depositions left as glacial till, glacial lakes and glacial rocks in the northern and southern regions of the world.

**After the great cataclysm, the earth would take some time to re-stabilize**, estimated to be approximately 500 years (Oard, 1990). During that time ocean temperatures would remain elevated, evaporation rates would increase substantially until ocean waters cooled, leading to increased precipitation, and an ice age would come and recede upon the earth. Only one ice age is needed to account for the geological evidence when a global flood model is assumed.

Cyclic accumulation of ice and snow (freeze/thaw cycles) in Greenland glaciers and elsewhere would also be accelerated as the earth stabilized itself through the increased precipitation and temperature swings after the great cataclysm which changed the world. Freeze/thaw cyclic accumulation is assumed to correspond to one cycle per year according to current measurements and uniformitarian thinking. But the rate of accumulation and cycling of freeze/thaw would be much faster while the earth was stabilizing, post cataclysm.

### **Science ≠ Methodological Naturalism**

We must remember that man's perspective as a whole is a restricted one: restricted to three dimensional space and one dimension of time. Scientific measurements of natural phenomena are similarly restricted to a specific space and time in history. A Creator would transcend space and time, by definition. **If there is a God, then by definition, historical science should allow for "acts of God" in history. Ruling out this possibility means beginning with an assumption (presupposition) of atheism or agnosticism.**

This is what modern science now does, even though many of the great scientists through history, and certainly during the great advancements of the Scientific Revolution (1550 – 1750 A.D.) regarded science as "the study of the book of God's Works" (Schaefer, 1976, quoting Francis Bacon). **The word "science" is the Latin word for "knowledge", knowledge that is not restricted, so that scientific knowledge originally could presume or imply God.** It didn't become

restricted to a naturalistic base until after uniformitarianism and evolutionism became the dogma of the scientific elite.

Many philosophers and thinkers in fact have decided that it was the Christian base of Europe which made possible the great development of science. The Scientific Revolution came out of this European base, immediately on the heels of the traditions of the scholastic monks and the religious awakenings begun by the protestant reformers. **As people believed that the world was created by a principle-giving God of reason, they could believe in the very real possibility to discover through experiment and reason true established principles about God's creation.** And as Christianity gave people the sense of a loving God, and of liberty and freedom through Jesus Christ, there was a heightened creative stirring and curiosity to discover scientific principles about the creation. In effect, “the Christian base gave people faith in the possibility of science”, as Alfred North Whitehead described it (Schaefer, 1976). Even if individual scientists in the west were not Christian, they were living within the thought forms brought by Christianity. Indeed, when we look at history, Chinese science and Arab science faltered and fell short of the achievements of Western Civilization.

Yet since the rise of evolution, science has been redefined by many scientific elites as requiring a presupposition of naturalism. **Naturalism is the philosophy which limits all phenomena to non-supernatural causes, and reduces ultimate reality to physical matter. It is now openly touted by many as a necessity for science. This is not valid, however.** Science relies heavily on intuitive hypotheses which easily can come out of, or point toward, a supernatural cause. Indeed, this has been the perspective of most of the great scientists. And sciences which require that assumptions be made about the past (historical sciences such as earth science, geology, paleontology, etc) will limit themselves if they assume that everything has been the same as we find it today.

**A derivative of naturalism is uniformitarianism, which means that the natural phenomena we measure and calculate today must be extrapolated back throughout history.** Such an assumption is the same as thinking that the blind person in the wheelchair has been that way all his life.

The “uniformitarian assumption” is foundational to modern geology. It was established by James Hutton and Charles Lyell in the

late eighteenth and early nineteenth centuries, and it laid the foundation for Charles Darwin's evolution thesis. James Hutton put it this way in 1785: "The past history of our globe *must be explained* by what can be seen to be happening now." For example, the slow, steady accumulation of sediments at currently measured rates "must" have occurred over millions of years to get where they are today. It is a rigid methodical application of naturalism. **The principle came to be accepted for all historical sciences and is stated simply as: "The key to the past is the present."** The phrase could be restated as "*everything continues as it has from the beginning*", the very wording of the mistake that the Bible ascribes to those scoffing at the Christian faith!

In 2 Peter 3:5-6 the Bible says that "*scoffers will come*" saying "*everything continues as it has from the beginning of creation. For this they willfully forget: that... the world which then existed perished, being flooded with water.*"

**If you are limited to the methods of naturalism (methodological naturalism), you will make a huge mistake if indeed the truth includes a catastrophic event outside the realm of uniformitarian thinking.** Naturalism has thus become an assumption forced upon historical science that hides the truth about earth science and history.

Breaking free from uniformitarian assumptions and allowing for the possibility of God's interaction in earth/world history is the key to thinking outside the proverbial "box" of evolutionary dogma, and coming to the truth.

An example of the uniformitarian assumption at work is the "geologic column", a theoretical model for rock strata constructed by nineteenth century geologists based on the slow accumulation of sediments we see today. Its representation of rock strata, corresponding to supposed eras of "geologic time" (e.g., Paleozoic, Mesozoic, Cenozoic Eras, with subcategory Periods, eg Precambrian, Cambrian, etc.) has never been confirmed to exist in totality on any of the continents of the world.

**Supposed hundreds of millions of years are missing in the rock layers, with no good explanation as to why the "time" is not there. A logical conclusion should be that the "geologic time" is missing in the rock strata simply because "geologic time" never occurred!**

Instead, assumptions are made that somehow the strata shifted or were interrupted in different ways and at different times over the eons.

Like the assumption of “common descent” from “common ancestry” in biology, the “geologic column” has become an assumed model for interpretation by geologists and earth scientists. It is taken for granted to be true, and everything related to rock strata is taught in its terms. Yet the geologic column now represents a classic and entrenched case of circular reasoning, since fossils and rocks are given ages by their position in the geologic column, while the position in the geologic column is determined by the ages of the fossils and rocks.

It should be understood that **classifying the distribution of fossil flora and fauna across the earth does not require the geologic column. The column is simply a model for such classification derived from a uniformitarian/evolutionary interpretation** of earth history. A better interpretation is that different animals and plants lived at the same time in differing regions and environments. Remember that evolutionary scenarios about land animals are based on minimal fossil finds, often one or two bones, since the vast majority of the fossil record are marine invertebrates. Mammals of the alleged Eocene epoch (e.g., **mammoths, sloths, saber-toothed tigers**), **for example, are found only in certain parts of the world and are not found lying directly above dinosaurs of the supposedly older Cretaceous period.**

This mirrors the situation of today, where the various species are distributed differently around the world (e.g., monitor lizards in southeast Asia, mountain lions in North America, anacondas in South America, kangaroos in Australia, panda bears in China). Not only do differing concentrations of various types of fossils in the soil layers of the earth have to do with geographical location, but there are differences in buoyancy between large and small creatures, and therefore different abilities to escape advancing flood waters.

Many pre-flood species would go extinct in the radically changed post-flood world, and others would specialize to adapt to the new conditions. As discussed previously, such adaptation would be limited within species groups, or “kinds”, as we observe in breeding experiments, because that is the genetic limitation.

The various coal strata of the world, dated millions of years apart by the rock they are found in, do not lie one on top of the other. They

are separated by hundreds of miles of distance. **Each could easily have come into existence at essentially the same time in a global catastrophe with the necessary water wash accumulation of organic debris and flood burial under great pressures.** The deposition of sedimentary strata on all continents could have occurred during the same short time interval, not the millions of years currently taught.

**The uniformitarianism represented in “geologic time” and championed by evolutionism is a particular uniformitarianism prejudiced in favor of very-old-earth measurements because long ages are the requirement of evolution.**

**But there are actually many evidences for a young earth, and we can legitimately ask:**

- **Why** do the earliest civilizations and written history date back less than 10,000 years?
- **Why** do the oldest trees happen to be just a few thousand years old?
- **Why** is there so little helium in the atmosphere if such a quickly diffusing gas as helium is escaping into the atmosphere from rocks at high rates?
- **Why** are there radioactive halos preserved in granite rocks from elements with half-lives of only several minutes? The halos are like preserved bubbles which should have passed on out through molten rock that supposedly took millions of years to cool.
- **Why** do polystrate fossils pierce through so many different layers of supposed “geologic time”?
- **Why** are Carbon-14 dating measurements continually finding mere thousands of years for fossilized trees, and **why** is C-14 being found in some diamonds and coal in which all the radioactive carbon with a relatively short half-life should be long gone because they are supposedly millions of years old?
- **Why** are many gas and oil reservoirs under such high pressures, so that they become “gushers” and flow of their own accord, when rock porosity, permeability, and cracks are all around to relieve pressure over the supposed millions of years that the fossil fuels have been there?
- **Why** is the earth’s magnetic field decaying so rapidly, extrapolating backwards to levels that would be destabilizing within approximately 10,000 years?

- **Why** did the Apollo program Lunar Lander find so much less moon dust than expected for billions of years of dust accumulation?
- **Why** do we see so many comets in our solar system, since the comet tails are evidence of their volatile material boiling away as they pass by the sun? They should all have been consumed and invisible by now if the solar system is billions of years old.
- **Why** haven't the continents eroded nearly flat, and **why** haven't the oceans accumulated sediment thousands of feet deep if the earth is really billions of years old?
- **Why** aren't the oceans much saltier at the rate they accumulate salt, at least like the Great Salt Lake and the Dead Sea, if they are so old?

The best answers to these and many other questions are the straightforward ones, and they are in favor of a young earth. **Remember also, if, as the Bible says, the heavens and the earth were created in a few days by the spoken Word of God, the creation started out as a functionally mature one, and it would be wrong to mistake that maturity for age.** From the beginning, birds were able to fly, plants were bearing seed; therefore land had topsoil. Adam and Eve began life as adults, and stars were visible from the earth despite their great distance (*Genesis 1*).

The assumption of age, in place of a created maturity, is strictly an assumption from the philosophy of naturalism. **To force this assumption on science is to force the idea of a very limited creator, if any, on science when that is completely unnecessary. Science should not be restricted to an atheistic/agnostic philosophy.**

Visibility of the stars brings up another evolutionist-favored age measuring system: that of the red-shift of starlight. The spectrum of light from distant stars is shifted toward the color red (toward a longer wavelength) compared to the light spectrum of the sun. And it is assumed that such a shift of the spectrum toward a longer wavelength indicates the stars are moving away from us. This is like a train whistle altering its pitch depending on whether it is moving toward the observer or away (the Doppler Effect). The wavelengths of the sound waves are lengthened as the train moves away from the observer, causing the pitch of the whistle to drop. Similarly it is assumed that the stars are moving away based on the observation of lengthened wavelength in their light spectrums. And the greater the red shift of a

star's light spectrum, the faster the star is said to be moving away from us.

This scenario for the red shift is thought to be evidence for the Big Bang theory of the universe. The stars seem to be moving away from an original explosion. With the speed of light in a vacuum at a constant 186,000 miles/sec, and distances in light-years derived from star luminosities, time in years for the light to reach the earth can be simply calculated (time=distance ÷ speed). This gives very old ages for stars and galaxies. With galaxies a billion light-years away, their light is said to have been in transit for 1 billion years before it reached the earth.

**You probably have spotted certain assumptions that have gone into this logic progression.** Here are several. 1) The observed red shifts are assumed to indicate movement away as with the Doppler Effect. 2) The speed of light is assumed to be constant at all points in space. And 3) The speed of light is assumed to be constant through all time, even in the first few moments of creation. If creation took place according to Genesis 1, light from the stars was created to be already seen on earth in the creation week. Light could have been created already in transit from the stars and already reaching the earth's surface.

**An alternative way to think about this is the following. Time is "warped" by gravity and speed, according to Einstein's theory of general relativity.** Rapidly expanding or "*stretching*" all the initial mass of the universe out from the earth into a vacuum of space would, according to general relativity, cause billions of years to transpire deep in space over the first few days of time on earth because of "**gravitational time dilation**". The initial mass of the universe would be so unbalanced between the center of the expansion and the edge, that gravity would distort time. Accordingly, from earth's perspective, very little time would have transpired. However, from the stars and galaxies in outer space at the outer edge of the huge center of gravity, billions of years would have occurred (Humphries, 1994). **By the fourth day of the Genesis 1 creation account, from earth's perspective, God would have caused the stars to be visible on the surface of the earth while they and their light were millions to billions of years old depending on their distance.**

Such a scenario for the physics of general relativity assumes that 1) the earth is near the center of the universe (as it appears to be since looking at the red-shift of light from stars and galaxies all around us



argues for their moving away from us) and 2) there is a boundary edge to the universe so that a gravitational imbalance, especially in the beginning, has been maintained. When these two assumptions are in place, billions of years passing in outer space in the first few days of time on earth “pops out” from the math and the physics.

**But here again, with the physics of general relativity, the secular scientists stick to naturalism by assuming the universe has no center and no edge!** In their model, every galaxy is balanced equally by other galaxies, so that even at the time of the Big Bang, galaxies were in existence outside of the explosive center! Thus, in their model, all net gravitational forces have canceled out and no gravitational time dilation has occurred. **They essentially assume a universe within a universe ad infinitum, postulating that a material world has always been here! This is the philosophy of naturalism, not science! Everything goes back to nature, not God.**

The Bible alludes to an original rapid expansion out from the earth *“He has made the earth by His power, He has established the world by His wisdom, and has stretched out the heavens at His discretion”*, *Jeremiah 10:12.* *“Thus says God the Lord, who created the heavens and stretched them out..., Isaiah 42:5.* Stretching (rapidly expanding) outward from earth into a vacuum of space leads to gravitational time dilation, with clocks at the edge of the universe running differently than those on earth. This is a consequence of general relativity, with its idea of a space-time continuum, so that time is distorted by gravity and speed. It means that whatever Creator-God there might be needs to transcend time as well as space. The Bible says that time began at creation and that time, as we know it, will come to an end. The Biblical God transcends time and space. *“Before the mountains were born or thou didst bring forth the earth and the world, even from everlasting to everlasting, Thou art God.” Psalm 90:2.* The Bible teaches that as the creator of time and space, God is outside of time. *“...for with the Lord one day is as a thousand years, and a thousand years as one day,” 2 Peter 3:8.* Since the days of the early church in fact, Christian theologians have explained that God is in the “eternal Now”, transcending time.

Remember, man’s reasoning is finite, and science is flawed. There are other problems for the whole red-shift/big bang/ancient universe scenario. Certain quasars, thought to be the most distant stars because of their huge red-shifts, have been observed by high powered telescopes to be closer than certain galaxies with much smaller red-

shifts. They have been photographed with the galaxies clearly seen behind them (Arp, 2005). There may well be an inherent red-shift component of the light due to some unknown factor in stars, other than movement away from the earth.

Furthermore, space may well be non-uniform in the universe, causing the speed of light to vary as it does when it is refracted through a prism or through water. This may be another concept encapsulated by Biblical phraseology. “...*Stretches out the heavens like a curtain*”, *Isaiah 40:22* may imply a kind of “stretched space” that is non-uniform and even somehow less than a vacuum (Clark, 1996).

Whatever the case may be, science does not require commitment to a philosophy of naturalism. And we should not be intimidated by secular scientists who favor evolutionary assumptions.

### **Cultural Legends about History are Valuable Guides to “Historical” Sciences**

Modern secular scientists choose to stand on a philosophy which dispels any implication of Deity, (i.e., naturalism). They ignore and/or denigrate any historical records, traditions, or legends of ancient peoples which might point to the Biblical record, or detract from their official story-line of evolutionism. Yet **such records and traditions actually have more value than the tunnel-vision of a one-sided uniformitarianism, particularly when a preponderance of traditional stories point to a common theme.**

Along with memories of great “dragons” (dinosaurs) in the traditions of cultures worldwide, there are similar cultural memories of a great global flood from which the first people emerged. Hundreds of different cultural flood origination stories have been recorded from different cultures, subcultures, and tribes. They all parallel the Biblical account of Noah and the Ark to one degree or another. Common elements of some or all of the following Biblical details include a global flood as divine judgment, one man and his family surviving in a large vessel, many animals taken aboard the vessel, and sending out birds to gauge the end of the flood. Other details of similarity are often present as well.

For instance, **a story from China** about the flood origination of peoples says that Fuhai, his wife, three sons, and three daughters lived through a great flood and became the only people alive on earth - eight

people, just like Noah, his wife, three sons, and their three wives. In fact, the most ancient Chinese pictographic character for “boat” is a composite of the characters for container, eight, and mouths (Nelson, 1994).

**Another story from Hawaii** relates how Nu-u and his family were the only ones to survive a global flood by constructing a huge canoe and bringing animals on board. Global flood origination traditions also come from cultures and sub-cultures in Greece, Peru, India, Scandinavia, Persia, Russia, the Fiji Islands, and include Inca, Cherokee, Aztec, tribes of the Amazon, and many other traditions. **A flood origination story from the Delaware Indians** brings in some of the Biblical account of the fall of mankind into sin, blaming the Flood on the activity of the evil snake (Satan) who filled the world with wickedness, for which the great God flooded the world, and through which only a handful of people survived on a giant turtle’s back. There seems to be a cultural consensus-memory worldwide, distorted in places but consistent in many amazing details, of the Biblical event called Noah’s Flood and Noah’s Ark, from which the surviving people populated the earth. This would make perfect sense if people had an original common story to tell, having dispersed out into the world from the fertile crescent of the Middle East.

**The Epic of Gilgamesh**, a Babylonian record surviving on clay tablets in cuneiform, includes a flood story about Utnapishtim. The Babylonian Noah was told by one of their many gods to build a vessel into which he was to bring representative animals. The Epic tells how he built the great boat using 30,000 baskets of pitch and how the great flood came after he and his family were safely aboard. Some skeptics maintain that the Biblical version is a copy of the legend of Utnapishtim, giving it a monotheistic twist. But the reverse is true. **A fair appraisal reveals the dramatic superiority of the Biblical account.**

For example, the Gilgamesh version of the flood has a multiplicity of gods nearly starving to death in fantastical humanlike frailty by the end of the flood, buzzing about Utnapishtim’s sacrifice like flies to get some food. And its dimensions for the big boat he was advised to make are those of a giant cube, making it quite unstable and dangerously rough-riding. In contrast, the Biblical dimensions for the Ark (300 cubits long, 50 cubits wide, and 30 cubits high) are amazingly optimized for stability, comfort, necessary size, and strength from stem to stern. Engineering studies comparing hulls of different proportions

for extremely large boats found none to outperform the Biblical specifications (worldwideflood.com). If the Ark was taller, it could easily capsize; longer, and it could break in half; wider or shorter, and it would be a dangerously rough voyage.

**If there never was a world-changing global flood, then why are there so many stories about a great flood origination of peoples, with agreement on so many details?** If the floods were all “coincidentally” local floods, why would Noah and many of the other “cultural Noahs” have foolishly taken the time to build a huge vessel for the family and land animals? Why not just move away to higher ground?

**These stories should be given more weight by the secularists when determining earth history.** A watery cataclysm was visited on the earth in the past, corroborated by numerous legendary and degraded memories of its truth. The biased uniformitarianism should be discarded because it is a “willful ignorance” of clear evidence and possibility, eliminating avenues to the truth. **The ostrich that puts its head in the sand comes to mind.**

The world is now radically different from what it was before the great catastrophe of *Genesis 7*. **Dinosaurs once walked the earth in a climate and ecology conducive to their existence.** They would have easily fit into the Ark as young, and therefore small, representative “kinds” of animals (Woodmorappe, 1996). Following the catastrophic deluge, many dinosaur species would not survive. But a few species would probably survive for a time in small numbers. Evidently, some did survive and were seen throughout history, becoming dragon legends in the literature of many lands.

For instance, the Chinese have literature about large “dragons” that could breathe fire and were kept for ceremonial occasions. **Chinese New Year parade celebrations of today recall with paper dragons** what in the past evidently took place with real ones. The ancient Greek historian Herodotus records his enquiries concerning the “winged serpents of Arabia” with wings like bats, suggestive of *pterodactyls* (Taylor, 1996). Grendel, the monster of *Beowulf* is described exactly like a *tyrannosaurus rex* (T. rex) in the first chapter of the original versions of the old english poem. And there are the stories of St. George and the Dragon, along with many other dragon-slayer heroes. Dragons also are found in ancient art, including sculptures from South America and the Middle East, and ancient rock art in North America.

**The Bible in fact describes quite thoroughly two creatures closely resembling dinosaurs - “behemoth” (*Job 40:15-24*) and “leviathan” (*Job 41:1-34*) - also indicating a familiarity of ancient mankind with these great reptiles.** This would not have been the case if dinosaurs became extinct 65 million years before mankind supposedly evolved from the ancestors of apes, as evolution teaches. The word “dinosaur” (a combination of two Greek words, “deinos” and “sauros” meaning “terrible” and “lizard”) is actually a recent addition to the English language. The word was coined by Sir Richard Owen in 1841, thinking “dinosaurs” were a new discovery of creatures which existed millions of years ago. **Modern science often has to play “catch-up” to the scientific disclosures of the Bible, and to the knowledge of the ancients in general.**

Evolutionism wants us to “kow tow” to the scientific elite (the secular “high priests”) who have their own specialized language and worldview and who claim to be the experts who can tell us what to believe. So, compromising with the new “science”, the footnotes of many theologians in their post-evolution study-Bibles for Job 40 and 41 describe “behemoth” as “a hippopotamus” or “an elephant”, and “leviathan” as “a river crocodile”. Yet these explanations are unsatisfactory and come only from attempted accommodations of evolutionism. A brontosaurus (apatosaurus) or a diplodocus “...*moves his tail like a cedar*”, *Job 40:17*. But a hippopotamus or an elephant has a tail like a short little rope, quite unlike a “cedar”. And a crocodile does not have scales on its underbelly (*Job 41:30*), nor does it have combustible, flaming breath. “*His sneezings flash forth light ... Out of his mouth go burning lights; sparks of fire shoot out, ... smoke goes out of his nostrils ... His breath kindles coals, and a flame shoots out of his mouth*” (*Job 41:18-21*). Behemoth and leviathan were indeed different types of dinosaurs described from eyewitness testimony in the Bible.

**But, you may say, could a fire-breathing dragon be for real? The answer is “yes”.** The Bombardier beetle (*Brachinus americanus*) is able to synthesize 28% hydrogen peroxide solution and mix this with hydroquinone in a special explosion sac (Taylor, 1996). When the beetle is attacked, an enzyme triggers the explosive reaction of these mixed chemicals and very hot fiery gases are shot out of a nozzle at the rear end of the beetle!

It would be quite reasonable to assume that some dinosaurs had a similar mechanism, considering the Job 41 testimony and all the legends and records of fire-breathing dragons. The fossil head of the duck-billed hadrosaur, for example, has some strange passageways within its unusual bony dome. They connect the throat area and the nostrils and quite possibly were used for breathing out fire. **There is no need to waver from a clear reading of the Scriptures. Scientific disclosures in the Bible end up being true.**

**But theologians felt the pressure to compromise with science** under the influence of uniformitarianism (proclaiming slow, steady accumulation of sediments over millions of years at currently measured rates). Notable Scottish theologian **Thomas Chalmers proposed “the gap theory” in 1814**, suggesting that there was a long undetermined gap of years between Genesis 1:1 and Genesis 1:2, allowing for an old earth and for evolution. And after Charles Darwin’s publication of *The Origin of Species* called for an even longer time frame for the age of the earth, “the gap theory” was fully developed and promoted by other notable theologians. This included C.I. Scofield who discussed it in his widely used Scofield Study Bible. Other time-allowing concepts for Biblical scripture such as the day-age theory were also taught in response to the new “science”.

Evolutionism has been the seed of much unbelief and twisting of traditional Christian doctrine. As evolution took hold in society “higher criticism”, or more accurately “higher skepticism”, of Christian doctrine became popular in many intellectual and theological circles. “Higher criticism” begins with the assumption not only that much of Genesis cannot really be believed, but that the first generation of Christians were somehow incapable of remembering or uninterested in recalling accurately what Jesus said and did. Yet skeptical analysis is not the same as critical analysis, and accurate historical critique of Jesus and the Bible is incredibly supportive of traditional Christianity (Baukham, 2007; Evans, 2006; Strobel, 1998).

Science is flawed, and there is no reason to try to twist the clear meaning of Scripture to accommodate worldly thinking. In addition to plenty of evidence for a young earth (especially in light of a cataclysmic flood in earth’s history) there are hundreds of separate cultural memories of a great flood origination of peoples and numerous cultural memories of dragons, creatures described to resemble dinosaurs very closely. If man had never seen these great reptiles why does everyone seem to have known about them?

**Alternative interpretations and findings about dinosaurs, a global flood cataclysm, and the age of the earth are currently suppressed by the dominant culture's belief in evolution.** But the totality of the evidence is compelling for a literal Biblical model of origins.

The Bible is correct that we live on a very young earth (relative to evolutionism's need for billions of years) populated originally with mankind and all the categories ("kinds") of creatures known to science. *"Jesus answered and said to them, ... 'But from the beginning of the creation, God made them male and female'", Mark 10:5,6.* In a plain sense reading of this scripture, Jesus Christ, God's divine Son, does not believe that mankind evolved after long ages following the beginning of the world. He says that we were created *"from the beginning of the creation"*. He should know. Jesus also knows about the great cataclysm of Noah's flood, referring to it while teaching about a future judgment at the time of His second coming. *"And just as it happened in the days of Noah, so it will be also in the days of the Son of Man: they were eating, they were drinking, they were marrying, they were being given in marriage, until the day that Noah entered the ark, and the flood came and destroyed them all", Luke 17:26,27.*

The earth was radically changed and remade in the course of time by a great cataclysm of God's judgment, which makes it impossible to uniformly extrapolate back in history all the measurements and rates of change that we determine today. This key fact mankind *"willfully forgets"* (2 Peter 3: 5), to his own God-rejecting detriment.

Indeed, mankind hasn't evolved from the ancestors of monkeys in the last few minutes of a long earth history, going back through dinosaurs and other "primitive" creatures. **Mankind was made special by God from the very beginning. But man has turned his back on his Maker, falling into sin and rebelling against God's authority, subverting the evidence which points to Him, among other things.**

*"For this they willfully forget, that...the world which then existed perished, being flooded with water. But the heavens and the earth which now exist are kept in store by the same word, reserved for fire until the day of judgment and perdition of ungodly men" 2 Peter 3:5-7.*

## Appendix

The Bible is the greatest and most amazing book ever written. In it the Spirit of God Himself speaks to men. The great purpose of the written Word of God, the Bible, is to redeem mankind to our Most Holy Maker. This involves the disclosure and work of the living Word of God, Jesus the Messiah (Christ); promised, prophesied, and pictured in the Old Testament, and revealed in the New Testament.

### **God Loves You**

“For God so loved the world that he gave his only begotten Son, that whosoever believes in him should not perish, but have everlasting life” John 3:16.

“But God commends his love toward us, in that, while we were yet sinners, Christ died for us” Romans 5:8.

### **All Are Sinners**

“For all have sinned, and come short of the glory of God” Romans 3:23.

“As it is written, there is none righteous, no, not one” Romans 3:10.

### **God’s Remedy for Sin**

“For the wages of sin is death; but the free gift of God is eternal life through Jesus Christ our Lord” Romans 6:23.

“But as many as received him, to them gave he power to become the sons of God, even to them that believe on his name” John 1:12.

### **All May Be Saved Now**

“Behold I stand at the door, and knock; if any man hear my voice, and open the door, I will come in to him and dine with him and he with me” Revelation 3:20.

“Believe in the Lord Jesus and you shall be saved, you and your household” Acts 16:31.



## **A Prayer to Receive Christ as My Savior (Forgiver and Leader)**

Confessing to God that I am a sinner, and believing that the Lord Jesus Christ died for my sins on the cross and was raised for my justification, I do now receive and confess Him as my personal Savior.

Name \_\_\_\_\_

Date \_\_\_\_\_

Pray to God, read his Word, be baptized and seek out a Bible-believing group of Christians (Church) that you may grow spiritually. Receive the Lord's Supper/Communion/ the Eucharist.

“But grow in grace, and in the knowledge of our Lord and Savior Jesus Christ” 2 Peter 3:18.

### **Assurance As a Believer**

“He who hears my word, and believes on him that sent me, has everlasting life, and shall not come into condemnation; but is passed from death unto life” John 5:24.

“But these things are written, that you might believe that Jesus is the Christ, the Son of God, and that believing you might have life through his name” John 20:31.

### **Note**

The vital truth about God is that He is a Personality. He is a Personal God. As I must meet you in person and spend time with you (and not merely talk about you) if I would truly know you, so you and I must meet God Himself, in person, and spend time with Him if we would truly know Him. He is not shy, nor proud, nor distant; He is willing and waiting and wanting that we should.

“But as many as received Him, to them gave He the right to become children of God”, John 1:12.

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