

Creation

or

Big Bang, Spontaneous Generation, Natural Selection, Random Chance, Mutations, and Evolution

*Can intelligent people believe in creation or has science totally disproved
and discredited creation???*

In the beginning God created the heavens and the earth.

Genesis 1:1 (NKJV)

**God created man in His own image, in the image of God He created him; male
and female He created them.**

Genesis 1:27 (NASB)

**For by Him (Jesus) all things were created, both in the heavens and on earth,
visible and invisible, ...**

Colossians 1:16a (NASB)

**By the word of the LORD the heavens were made, And by the breath of His
mouth all their host. Let all the earth fear the LORD; Let all the inhabitants
of the world stand in awe of Him. For He spoke, and it was done; He
commanded, and it stood fast.**

Psalms 33:6, 8-9 (NASB)

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About Phil Benedict

I (Phil Benedict) grew up in a godly Christian home and was saved as a young child. I was active in our church youth group in Boise, Idaho, where I met my wife, Linda. We married when we were young and God has blessed our marriage. We have now been married for over fifty-four years (as of January 2021). We have four children, all of whom are actively serving the Lord. We both graduated from Moody Bible Institute in Chicago, Illinois, and from Boise State University in Boise, Idaho. I have also taken classes in secondary school administration at the College of Idaho in Caldwell, Idaho, as well as classes in Cherokee heritage from Northeastern State University in Tahlequah, Oklahoma, and classes in drug and alcohol counseling at Bacone College in Muskogee, Oklahoma. We have served as “full time” Christian workers for over thirty-five years. We have been members of UIM International (United Indian Missions) for over twenty-five years.

Thanks to My Wife

God has given me an exceptional wife. She is a very talented person and she chose to be a stay-at-home mom and to be a ministry partner with me. She has been a huge blessing in my life. She has been my co-worker and partner throughout life. Without exaggerating, she has spent many hundreds of hours editing, checking for mistakes, making suggestions, printing, and binding this and other study guides that we have put together. Without her, these study guides would not exist.

A Note from the Writer

I (Phil Benedict) am not a scholar, scientist, theologian or philosopher. I do have a faith in God and His Word -- the Bible, and this study will reflect that faith. The whole issue of creation and evolution has been an interest of mine for a number of years, and I have read a good many book written by both evolutionists and creationists. I have also watched many DVD's relating to these issues. In my own personal library, I have well over a hundred books and over a hundred DVD's on this topic. I am fully aware that I am far from being an expert on evolution or creation. Having books on the shelf does not mean there is knowledge or understanding in the brain. This study is an outgrowth of my own study and convictions relating to this whole topic. I believe the Bible is what it claims to be – the inspired true Word of God.

This study is not written for scholars and it is not deep. There is a lot of science talked about, and I have tried to be very careful in what I say. When this study refers to scientific issues, it does not reflect my own scientific knowledge and understanding but rather the teaching of many scientists who are very well qualified in their respective fields. I may have made some mistakes, but I have been very careful to accurately reflect their teaching and knowledge and not engage in a lot of shallow unsubstantiated talk.

My Prayer

It is my prayer and my desire that the Lord Jesus Christ will be honored and glorified through this study. I pray that the Spirit of God will draw some to Himself as they go through this study or hear it taught. I pray that this study will help some to grow in their walk with the Lord as it has helped me to grow in my own walk with Him. I pray that there will be some who, empowered by the Spirit of God, will be committed to living a transformed life of obedience and faithful service to our Lord Jesus Christ.

Bible Translations Used in These Studies

There are five different translations of the Bible used throughout these studies. The translations used are the King James Version (KJV), the New King James Version (NKJV), the New American Standard Bible (NASB), the New International Version (NIV), and the English Standard Version (ESV).

The purpose of this study is to help ordinary people to understand and to have faith in fundamental Biblical truths. When quoting Scripture, I have tried to use the translation which most clearly states the Biblical truth being covered in that part of the study. No particular translation has been favored. After each verse that is quoted, the translation is identified by giving the initials of the translation.

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Introduction

There are some fundamental questions that every person needs to ask himself, and come to some very basic conclusions and decisions about life. How one answers these questions will determine what he considers to be important in life, his/her overall world view, what he values, and how he lives his life.

This study will deal with questions such as the following:

1. Is there a God?
2. Is the Bible true? Can it be trusted?
3. Has science made belief in a creator God obsolete?
4. Is the universe a creation of God or is there another credible explanation for its existence?
5. Is life itself a creation of God or is it the product of spontaneous generation which happened by pure chance?
6. Am I personally a creation of God or am I the product of natural selection, and/or random chance?
7. Why am I here?
8. Does life have a purpose and, if so, what is that purpose?
9. If life does have a purpose, then how do I know what that purpose is?
10. Is there life after death or will we simply cease to exist?
11. If there is life after death, do I need to prepare for it?
12. Are there any consequences of simply ignoring these kinds of issues or questions?

The universe and all that exists, including ourselves, has either been created by a very intelligent and very powerful creator; or we are the product of spontaneous generation, random chance, and evolution. There are really no other ways to explain the existence of the universe, our own existence, and all other forms of life.

If a person sincerely believes there is a creator God, he/she will respond to these kinds of questions in a very different way than one who does not believe in a creator God.

If there is no creator God and we are the product of evolution as most secular scientists outwardly believe, then there is no intelligence or design behind life and there is no overall purpose for our being here. There would be no life after death. When we die, we would simply cease to exist. Thus, in our lifetime, we would not be responsible to any God for the way we think or how we act.

If one does believe in a creator God, it then naturally leads us to ask questions such as, “Why did God create us?”, “What is His purpose for me?”, and “How should I respond?”.

Again, a person’s way of thinking and his overall way of life will reflect what he believes and how he responds to these key issues.

Many choose not to think about these issues or to simply ignore them and then live their life as if it does not matter.

The overall purpose of this study is to answer some of these questions from a Biblical point of view and to defend those answers.

Chapter One

Key Topics Relating to the Bible, Creation, Science, and Evolution

In this chapter we will introduce and give definitions or descriptions of some key topics that are important in this kind of a study. The topics introduced in this chapter are as follows:

1. What is the Bible?
2. What is creation?
3. What is science?
4. What is the relationship of science and the Bible?
5. What is evolution?
6. What are the assumptions of evolution?
7. What is natural selection?
8. What is the role of chance and luck in evolution?
9. What is irreducible complexity?
10. What are uniformitarianism and catastrophism?
11. What is faith?

1. What is the Bible?

The Bible claims to be God's inspired revelation of truth to man. The Bible teaches that there are blessings and great rewards for those who believe it and put their trust in it.

All Scripture is inspired by God... 2 Timothy 3:16a (NASB)

The Revelation of Jesus Christ, which God gave Him (Jesus) to show to His bond-servants, the things which must soon take place; Revelation 1:1 (NASB)

Sanctify them by Your truth. Your word (the Bible) is truth. John 17:17 (NKJV)

And the words of the LORD are flawless, like silver refined in a furnace of clay, purified seven times. Psalm 12:6 (NIV)

Every word of God proves true; he is a shield to those who take refuge in him. Proverbs 30:5 (ESV)

...“Blessed...are those who hear the word of God and obey it.” Luke 11:28 (NIV)

Those who love Your law have great peace, and nothing causes them to stumble. Psalm 119:165 (NASB)

For I would have you know, brothers, that the gospel that was preached by me is not man's gospel. For I did not receive it from any man, nor was I taught it, but I received it through a revelation of Jesus Christ. Galatians 1:11-12 (ESV)

These and other similar claims in the Bible are either true or they are not true. They cannot be half-truths or part truths. If these claims are false or “half true”, then the Bible cannot be trusted. If parts of the Bible are true and other parts false, then its claims are false and it would be, in fact, a huge forgery.

I (Phil Benedict), as the writer of this study, have come to the conclusion that the Bible’s claims are true. As I have prepared and written this study, my convictions have been reaffirmed over and over again.

This study touches on many areas of science, and I have come to believe that the evidence in each area confirms the truthfulness of God’s revelation of truth to man – which is the Bible.

2. *What is creation?*

Biblical creation is the teaching that God created the entire universe, including earth and all life, out of nothing. There was no matter or energy until God created it.

In the beginning God created the heavens and the earth. Genesis 1:1 (NKJV)

Then God said, "Let there be light"; and there was light. God saw that the light was good; and God separated the light from the darkness. God called the light day, and the darkness He called night. And there was evening and there was morning, one day. Genesis 1:3-5 (NASB)

And God said, "Let the water under the sky be gathered to one place, and let dry ground appear." And it was so. God called the dry ground "land," and the gathered waters he called "seas." And God saw that it was good. Genesis 1:9-10 (NIV)

The Bible teaches that when the universe and all that exists were created, God simply spoke and what He spoke came into existence.

The Bible teaches that God created all forms of life, including all plants, fish, animals, and all men and women.

In the next chapter of this study, we will deal with the Bible’s teaching on creation in more depth.

Historically, many important scientists believed in creation. Isaac Newton, Louis Pasteur, Johannes Kepler, Francis Bacon, Galileo, Nicholas Steno, and many others are all examples of scientists in the past who believed in creation.

3. *What is science?*

There are many different definitions or descriptions of science given in various scientific literature. The following definition is a merging of many of these definitions:

The purpose of science is to gain knowledge and understanding about the physical universe, including the world around us. This is done through a systematic study of the structure and behavior of the

present observable natural physical world. A hypothesis is developed and then tested by repeatable, observable experimentation.

Notice the wording of the description of science. It is based on *present observable phenomena*.

Science is a systematized study of information gained from direct observation, study, and experimentation carried on in order to determine what is genuinely true and factual about what is being studied. A healthy science seeks the truth, and then lets the truth speak for itself.

By using this method of scientific study, men have been able to make remarkable discoveries and achieve remarkable results. They have been able to put men on the moon, make giant powerful telescopes, study the human genome, learn how to cure diseases, make powerful computers, and many, many other remarkable achievements.

Serious problems arise when science attempts to determine what happened in the universe hundreds of millions or many billions of years ago. Now they are not dealing with present repeatable processes, but attempting to project back into the long ages of history.

Unrecorded history is not observable or repeatable and conclusions are not based on science but on the logic and the overall world view and assumptions of the individuals involved. Their logic is determined by their assumptions; thus, their conclusions are determined by their world view, not by genuine present observable science. Unrecorded ancient history cannot be proven. In many cases it is little more than guessing.

Evolution is a study of the past that is not repeatable or observable, and its conclusions are based on the assumptions and the world view of the investigator.

Richard Dawkins of Oxford University was recognized by many as being the leading evolutionist in the world. In his book, The Greatest Show on Earth, he states that his goal is to bring together all of the strongest evidence for evolution. In this book he discounts observable science and emphasizes inference and logic. In his view, the study of science “strongly infers” that evolution has occurred and is still occurring.

I have believed in creation for all of my life. In the past few years, I have read quite a number of books and listened to many DVDs on evolution and creation, but the book that did the most to confirm my faith in creation was Dawkins’ book, The Greatest Show on Earth, which supposedly brings together the best scientific evidence for evolution. I was amazed at how little genuine evidence there actually is for evolution.

Many evolutionists like to ridicule belief in the Bible. One has only to read a few articles on the internet to feel the ridicule of the supposedly enlightened believers in evolution.

Richard Dawkins of Oxford University stated that “*if you meet somebody who claims not to believe in evolution, that person is ignorant, stupid, or insane, (or wicked, but I would rather not consider that)*”.

Science as taught in essentially all public educational systems teaches that all that exists came into being by completely natural forces. It is either directly taught or strongly implied that there is no creator. This kind of teaching has caused many thousands, perhaps millions, of students to question or

abandon their faith in God and in the reliability of the Bible. It has caused many to question even the existence of God.

As I was reading Richard Dawkins book, The Greatest Show on Earth, which supposedly brings together all the best evidence for evolution, I began writing down some words and phrases that he regularly used. All of the following words or phrases were used numerous times in his book — *probably, I suspect, I am confident, I think, are likely, it is a good bet, surely, it might, we can expect, we can get the idea, we are pretty confident, it seems quite likely, it seems highly plausible, could it be that, it seems, it is easy for us to imagine that*. All of these words or phrases are based on logic, not observable empirical science. And it is the logic of one who tries to explain all origins and very complex life forms apart from an intelligent designer. These kinds of non-scientific words or phrases are frequently used and some of them are used many times. Again, Dawkins de-emphasizes empirical testable science and stresses logic, and his logic is the logic of one who denies the existence of God and denies any kind of supernatural involvement on earth.

Dawkins is not the only one who uses this kind of language. Randy Gulluzza, a dedicated creationist, in his book, Clearly Seen, lists all the following phrases that are used by evolutionists when describing the so-called appearance of a new life feature. They talk about “*apparent design*”, or “*a complex system*”, “*appeared*”, “*emerged*”, “*arose*”, “*gave rise to*”, “*burst onto the scene*”, “*evolved itself*”, “*derived from*”, “*was on the way to becoming*”, “*radiated from*”, “*modified itself*”, “*became a miracle of evolution*”, “*was making transition to*”, “*manufactured itself*” and the best of all, a system “*was lucky*”.

I have recently read Charles Darwin’s book, The Origin of the Species. This book is believed to have had a greater influence on western culture than any other book except for the Bible itself. As I read, I began writing down words or phrases similar to those used by Dawkins and others. Following are phrases repeatedly used by Darwin: *I think, I believe, my impression is, it is doubtful, I am confident, so and so is convinced, I am convinced, we may infer, it is probable, it might, as far as we can tell, apparently, I don’t suppose, I presume, I fully expect, no doubt, it is certain, it is quite possible, I suspect, I suppose, we may conclude, I have reason to believe, this estimate may be quite erroneous*.

In context, this kind of language reflects the logic of the writer far more than it reflects understanding gained from empirical testable science.

4. *What is the relationship of science and the Bible?*

The Bible clearly teaches that God created all that physically exists. God created natural laws which science seeks to understand. God is supernatural and is not bound or restricted by natural laws which are the foundations of genuine science.

The Bible is a book filled with supernatural events. Creation, the flood, the ten plagues on Egypt, God using Elisha to bring a dead child back to life, an ax head floating, appearances by angels, the virgin birth of Christ, the healing miracles of Jesus, raising Lazarus from the dead, the resurrection of Jesus, the second coming of Jesus, the future destruction and re-creation of the earth and universe, the New Jerusalem, the future judgments, heaven, hell, and many many other events are all supernatural events. Supernatural events cannot be scientifically explained. To attempt to give scientific explanations for all the supernatural events in the Bible is an exercise in futility and it discredits the supernatural God who gave us the Bible.

The Bible is not a scientific textbook, but when it makes a statement that relates to science, it can be trusted. It was written by the One who created all-natural laws. To attempt to make God fit into the theories and understanding of secular science is to degrade God and to make Him less than man.

There are two areas of Bible teaching that have a huge impact on the study of science and the study of origins. The first is creation and the second is the worldwide flood during the time of Noah. The Bible's teaching on creation will be looked at in greater depth in the next chapter of this study (chapter two) and the flood will be looked at in greater depth in chapter ten.

Those of us who believe that the Bible is true and is to be taken literally believe that creation and the flood in Noah's time are real historical events. Many secular scientists scoff at this and some go on to ridicule these Biblical teachings. However, in spite of what they may say, there is a tremendous amount of evidence and logic which strongly support what the Bible teaches. In this study we will discuss a few of these evidences and give some very logical reasons why we believe that the Biblical record is true.

Creationists and evolutionists have the same data and evidence to work with, but their conclusions are very different. Two very well educated and very well qualified scientists will look at the same evidence and come to very different conclusions because one has a faith in an intelligent powerful supernatural creator God and the other has faith in spontaneous generation and random chance (luck) with no supernatural involvement.

Listen to what one evolutionist had to say. (Bishop Ussher was a Biblical scholar who dated creation at about 6,000 B.C.)

"I suspect that the sun is 4.5 billion years old. However, given some new and unexpected results to the contrary, and some time for some frantic recalculation and theoretical readjustment, I suspect that we could live with Bishop Ussher's value for the age of the earth and sun. I don't think we have much in the way of observational evidence in astronomy to conflict with that." John Eddy, quoted by Kazmann, RG., 1978, It's About Time: 4.5 billion Years. Geotimes 23:9 pp.18-20

As we already stated, the Bible is not a scientific textbook, but when it makes a statement that relates to science, it can be trusted.

**It is He who sits above the circle of the earth, and its inhabitants are like grasshoppers,
Who stretches out the heavens like a curtain And spreads them out like a tent to dwell in.**

Isaiah 40:22 (NASB)

In Luke 17:31 the second coming is described as happening in the day whereas in verse 34 it is described as happening in the night. This is not an error. Instead, it recognizes that when an event happens in the daytime in one place, for those on the other side of the earth it is night.

"He stretches out the north over empty space, and hangs the earth on nothing.

Job 26:7 (NASB)

The wind blows to the south and turns to the north; round and round it goes, ever returning on its course. Ecclesiastes 1:6 (NIV)

All the rivers run into the sea, Yet the sea is not full; To the place from which the rivers come, there they return again. Ecclesiastes 1:7 (NKJV)

The Bible itself gives reasons why its teachings are rejected by many people.

The god of this age has blinded the minds of unbelievers, so that they cannot see the light of the gospel of the glory of Christ, who is the image of God. 2 Corinthians 4:4 (NIV)

For the wrath of God is revealed from heaven against all ungodliness and unrighteousness of men who suppress the truth in unrighteousness, because that which is known about God is evident within them; for God made it evident to them. For since the creation of the world His invisible attributes, His eternal power and divine nature, have been clearly seen, being understood through what has been made, so that they are without excuse. For even though they knew God, they did not honor Him as God or give thanks, but they became futile in their speculations, and their foolish heart was darkened. Professing to be wise, they became fools, ...

Romans 1:18-22 (NASB)

Enter through the narrow gate; for the gate is wide and the way is broad that leads to destruction, and there are many who enter through it. For the gate is small and the way is narrow that leads to life, and there are few who find it. Matthew 7:13-14 (NASB)

...always learning but never able to acknowledge the truth. 2 Timothy 3:7 (NIV)

We believe that logic and testable observable science strongly support creation as taught in the Bible. Many very well trained and very well qualified scientists believe that the evidence clearly supports creation. In contrast to this, most of the prime developers and leaders in the evolutionary theory did not believe in the existence of God and they certainly did not believe in creation.

5. *What is evolution?*

Evolution is the belief that all life began by a chance coming together of just the right chemicals and other ingredients and that they spontaneously came to life without any god or other intelligence involved in any way. Life then evolved, one small step at a time, until over many hundreds of millions of years, the first single living cell reproduced and produced all forms of life that exist today, including all of us.

Evolution teaches that all life forms, including plants and animals, descended from a common ancestor, the first accidental living cell.

Macro evolution assumes that changes somehow occur that enable one species to turn into a totally different kind of species. This has never been observed to happen and there is no evidence that any species has the information in the DNA of any other kind of animal. A dog contains the information for dogs and only dogs.

Charles Darwin stated, *"If it could be demonstrated that any complex organ existed, which could not possibly have been formed by numerous, successive, slight modifications, my theory (evolution by natural selection) would absolutely break down"*.

Micro evolution refers to changes that are already programed into the DNA of a certain kind of animal that allow that animal to make changes that enable it to survive, while those who do not have those changes do not survive as well. This is often referred to as natural selection.

Evolution is a study of what supposedly took place millions and billions of years ago. Historical or forensic “science” looks at what exists now and tries to figure out what happened in the past.

Charles Darwin also stated, “...*I am quite conscious that my speculations run beyond the bounds of true science...It is a mere rag of a hypothesis with as many flaws and holes as sound parts.*”

Evolutionists point to at least four things as evidence or “proof” of evolution. These four things are:

1. Natural selection
2. The fossil record
3. The geologic column
4. Radiometric dating

In this study we will look at each of these “proofs” and show why each of them is very weak “evidence” for evolution. In fact, each of them points to a young earth creation rather than hundreds of millions of years of evolution. Secular evolutionists reject a supernatural creator; therefore, they have to see these things as evidence for evolution. Their naturalistic world view forces them to reject any evidence for creation.

The theory of evolution is constantly changing. What was accepted as fact yesterday is often rejected today, and much of what is accepted as fact today will be rejected in the future. Within the ranks of evolutionary science, there are many, many disagreements. Essentially every idea or concept in evolutionary theories is rejected by other leading evolutionists. When evolutionary science says something is true, what is really being said is that this is what some evolutionists currently believe.

Evolution is a slippery theory. When new discoveries are made which discredit previous ideas, it is easy to modify the theory to accommodate the new findings. Since it is not based on empirical observable science, it is easy to change the theory to accommodate any new information or idea. For this same reason it is essentially impossible to disprove evolution since all that has to be done to dodge the evidence is to change the theory.

Michael Ruse wrote the following statements: “*Evolution is promoted by its practitioners as more than mere science. Evolution is promoted as an ideology, a secular religion--a full-fledged alternative to Christianity with meaning and morality. ...evolution is a religion. This was true of evolution in the beginning, and it is true of evolution still today. ... evolution came into being as a secular ideology, an explicit substitute to Christianity. I am an ardent evolutionist and an ex-Christian, but I must admit that in this one complaint...the literalists are absolutely right. Evolution is a religion.*” Michael Ruse, ‘Saving Darwin from the Darwinians,’ “Nation Post”, May 13, 2000.

The theories of evolution have done little or nothing to aid other areas of science in their research.

“*In fact, over the last 100 years, almost all of biology has proceeded independent of evolution, except evolutionary biology itself. Molecular biology, biochemistry, physiology, have not taken evolution into account at all.*” Marc Kirschner (Staunch evolutionist professor at Harvard Medical School)

There is apparently no genuine objective field of science that depends on “facts” of evolution for its

existence.

6. *What are the assumptions of evolution?*

Today and over the last century or so those who have led in the development and promotion of the various models of evolution base their theories and beliefs on four fundamental assumptions. The fundamental reason they reject creation is that it does not fit with the following assumptions that form the basis of their overall world view.

Assumption one: There is no God.

Assumption two: The earth is billions of years old.

Assumption three: Life itself began with an unplanned random chance gathering of non-living chemicals. Non-living chemicals gave rise to life and the ability to reproduce life.

Assumption four: The past history of our globe must be explained by what is happening now.
(uniformitarianism)

When I (Phil Benedict) first started this whole study several years ago, I was not really convinced that these four assumptions really did accurately and genuinely underpin evolutionary theory. However, since that time I have read a good many books and other literature that was written or produced both by evolutionists and creationists and the more I read, and the more I listened, the more I realized that it is very true. These four assumptions genuinely do underpin the theories of evolution. This is especially true of those who are in the forefront of evolutionary development and promotion.

It needs to be understood that not all evolutionists are atheists. However, most of the leading promoters of evolution are. Many clearly state this in their writing and their speeches. Listen to what some leading evolutionists have written:

Isaac Asimov -- *"I am an atheist, out and out. I've been an atheist for years and years..."*

Richard Dawkins -- *"...understanding evolution led me to atheism."*

Julian Huxley -- *"...man is just as much a natural phenomenon as an animal or plant;...his body, mind, and soul were not supernaturally created but are the products of evolution...he is not under the control or guidance of any supernatural being or beings, but has to rely on himself and his own powers."*

Charles Darwin -- *"...the Old Testament from its manifestly false history of the world...was no more to be trusted than the sacred books of the Hindus, or the beliefs of any barbarian."*

Darwin referred to natural selection as "his deity".

William B Provine, Professor of Biology, Cornell University -- *"Let me summarize my views on what modern evolutionary biology tells us loud and clear: There are no gods, no purpose, no goal directed forces of any kind. There is no life after death. When I die, I am absolutely certain that I'm going to be dead--that's the end for me. There's no ultimate foundation for ethics, no ultimate meaning to life..."*

John Dunphy -- *"...the battle for humankind's future must be waged and won in the public school classroom...in whatever subject they teach...pre-school, day care, or large state universities...an arena of conflict...the rotting corpse of Christianity...and the new faith of humanism."*

Richard Lewontin -- *“It is not the methods and institutions of science that compel us to accept a material explanation of the phenomenal world, but on the contrary, that we are forced by our a priori adherence to material causes to create an apparatus of investigation and a set of concepts that produce material explanations, no matter how counterintuitive, no matter how mystifying to the uninitiated, moreover that materialism is absolute, for we cannot allow a divine foot in the door.”*

George Wald, Harvard University Nobel Laureate – *“I do not want to believe in God, therefore I choose to believe in that which I know is scientifically impossible: spontaneous generation arising to evolution.”*

7. What is natural selection?

Natural selection is the ability of a living thing to make changes that enable it to live and conform to its environment.

Natural selection and survival of the fittest are foundations of evolution. It is obvious that creatures with traits best suited to survival in a given environment are able to survive and reproduce better than those who do not have those features.

Both creationists and evolutionists agree that natural selection takes place. One big misunderstanding is that many believe that creation rules out any change or adaptation of a living thing to its environment. The Bible does not teach this and creation scientists do not believe this.

Creationists believe that natural selection can account for small scale changes in living things that enable that life form to adapt to its environment. Creation scientists have shown how God has programed into the DNA of an animal the ability to make these small-scale changes. This is not a change in the genetic code or DNA, and it does not produce anything that was not programed in the genetic code of that animal.

When God created life, He programed the DNA with the versatility to adapt to various environments. One of the most familiar visible demonstrations of this is the ability of dogs to adapt to various environments. Dogs with long hair survive better in cold climates while dogs with short hair survive better in hot climates. This can happen naturally, or through selective breeding programs dogs can be bred to produce a large variety of dogs. Each of these varieties can eventually have very different characteristics.

In Genesis 1, which records the Biblical record of creation, the Bible states ten times that each living thing reproduces “after their own kind”.

There are hundreds of varieties of dogs, but they are all still dogs. What cannot happen and has never been observed to happen is for a dog to evolve into a cat or a bear. A frog has never changed into a lizard. And in spite of all the hype and made-up images, a monkey has never changed into a man.

Charles Darwin and all other evolutionists go far beyond adaptations to an environment, and they try to make natural selection the mechanism by which all life evolved from a single cell to very complex life

forms such as human beings. They make natural selection responsible for all forms of life in existence today.

Charles Darwin also wrote, *“Natural selection is scrutinizing the slightest variations, rejecting those that are bad, preserving and adding up all that are good.”*

Darwin referred to natural selection as “his deity”.

“Selection” and “scrutinizing” are both actions which require intelligence. Is nature able to scrutinize, select and then choose complex changes in the life forms?

This position is clearly in opposition to what the Bible teaches.

Charles Darwin also wrote, *“If it could be demonstrated that any complex organ existed, which could not possibly have been formed by numerous, successive, slight modifications, my theory would absolutely break down”.*

Fred Hoyle, who is an atheist and astronomer, wrote in “Nature” magazine on November 12, 1981, *“The chance that higher life forms might have emerged this way is comparable with the chance that a tornado sweeping through a junk yard might assemble a Boeing 747 from the materials therein”.*

There are many problems associated with this concept. This concept of so called “simple” cells evolving into complex life forms has never been observed to happen in real life and the fossil record does not support it.

In chapter five of this study, this topic will be covered in greater detail.

8. *What is the role of chance and luck in evolution?*

Evolutionary “science” is based on chance and luck. This is not a wild unsubstantiated statement. Many evolutionists have made statements very similar to this. Maybe some of us are simple minded and “uninitiated”, but we cannot see how chance can make anything happen, especially anything that is as complex as a human cell, or an eye, a brain, etc., etc., etc. Chance is irrational but necessary when God is rejected. Attributing anything as complex as life to random chance and luck is anything but “scientific”.

Some evolutionary scientists have used the word “luck” or “lucky” in their writing. Alexander Mebane wrote about natural selection being *“systematically abetted by miraculous luck”*.

A phrase that has been used by a number of evolutionists is *“we are a lucky accident”*.

H.P. Yockey, in the “Journal of Theoretical Biology” wrote, *“One must conclude that, contrary to the established and current wisdom, a scenario describing the genesis of life on earth by chance and natural causes which can be accepted on the basis of fact and not faith has not yet been written.”*

All of this is absurd. For a minute, just think what might happen if other areas of science relied on chance and luck as their basis. Suppose our space program based their program on chance and luck. If, when they launched an astronaut to go to the moon, they did not use a way to guide the rocket but

rather relied on chance and luck. They figured if they sent enough astronauts into space, after millions of years, one of them is bound to wind up on the moon.

Or suppose your doctor had a large bin full of many different kinds of pills. After making his diagnosis he reaches into the bin and randomly picks up a handful of pills and tells you to take several of them a day. He tells you that he doesn't know what they are, but there is a chance they might help you.

Would you put your faith and trust in this kind of science???

9. *What is irreducible complexity?*

Living things have many amazingly complex features. Examples of this complexity are the eye, the ear, individual cells, the birth of a child, and many, many others. These features are all made of many different parts, all of which are necessary for that life form to function. These features give no benefit or survival advantage to a life form unless they are fully formed and fully functional.

Many complex systems (eyes, ears, circulatory systems, etc.) of a living thing are composed of numerous interacting parts, each of which is necessary for that system to function. For that system to function correctly it needs all of its parts to be fully formed and fully functional. Were any part to be removed, the whole system would not work effectively and, in many cases, it would cease to function altogether.

Evolutionists would have us to believe that all of these complex features are formed by slow gradual changes, each of which enhanced the chances of survival of the life.

But there is a huge problem. These features must all be functioning before they give any benefit to the life form. An eye has many different parts. If any part is missing or defective, the eye does not work right. The parts all have to exist, be the right size, and they have to fit together in the right order. An eye without a fully formed optic nerve or a wrong sized lens or if any of its other parts are not fully formed, the eye will not function right.

These complex features cannot evolve gradually by natural selection. If each part of the complex feature (eye, ear, etc.) is not fully and correctly formed, that feature will not work and it cannot give a survival advantage to the life form.

Again, Fred Hoyle, who is an atheist and astronomer, wrote in "Nature" magazine on November 12, 1981, *"The chance that higher life forms might have emerged this way is comparable with the chance that a tornado sweeping through a junk yard might assemble a Boeing 747 from the materials therein"*.

Some evolutionists react to the concept of irreducible complexity with sarcasm and mockery of creation. However, one thing they cannot do is to offer a reasonable explanation as to how complex organisms can evolve in slow gradual processes when these kinds of changes do not benefit the life form until the system is fully developed and functioning.

As we will see in chapter five, in real life natural selection eliminates things that do not provide an advantage to the life form. A half-formed feature that would not be a benefit would be eliminated by natural selection, not further developed.

10. What are uniformitarianism and catastrophism?

Until the last couple of centuries, most science was based on a Biblical world view. Most scientists did not see any contradiction between the Bible and science. However, in the eighteenth century a concept called uniformitarianism was promoted by a man named James Hutton. Uniformitarianism is the belief that processes that operated in the remote geologic past are still the same and have always been the same. The geologic processes or events of the past were never any different than those we can observe happening now. All processes continue in the same way and at the same rate. This belief automatically rules out Biblical creation, a worldwide flood or any other catastrophic event in the earth's history.

James Hutton stated that, *"The past history of our globe must be explained by what is happening now"*. There is no question that what is geologically going on now can give insight into what has gone on in the past. However, uniformitarianism has been taken to the extreme and it is believed that essentially nothing has happened in the past that is not still going on today. This automatically rules out creation and the Biblical worldwide flood. The logic for uniformitarianism is based on the fundamental assumption that there is no Creator, and no worldwide flood. Instead, everything has happened very slowly over hundreds of millions and billions of years.

Uniformitarianism was popularized in the 1830's by Charles Lyell, a lawyer, in his book, Principles of Geology. He was successful in changing the thinking of most secular scientists from believing in the Bible's teaching on creation and the flood to believing in strict uniformitarianism. This view has been a fundamental assumption of nearly all historical science and geology for the last 170 years or so.

Charles Lyell stated that, *"The study of geology should be conducted as if the Bible did not exist."* He stated that his goal was to *"free geology from Moses"*.

Charles Darwin, the primary promoter of the theory of evolution, read and was deeply influenced by Lyell's book.

Uniformitarianism and evolution go hand and glove together. Evolution, like uniformitarianism, rules out a six-day creation and a worldwide flood. They believe that all that is came into being by natural, not supernatural, forces. All life, including us, came into being by chance mutations over a period of hundreds of millions of years, not through any creative acts by God.

Genuine science deals with what can be observed and experimented with in the present. Views of what supposedly took place millions or billions of years ago are guesses based on the assumption that no God was involved in the creation or history of the earth. Uniformitarianism is an assumption, not proven scientific fact. Science cannot prove that something did or did not happen millions of years ago.

It is interesting to note that most of those who believe in uniformitarianism and deny the involvement of a God in the history of earth, also believe that the universe came into existence by a "big bang". This is hardly a slow normal geologic process that can be observed to be happening today.

An opposing view, catastrophism, is the belief that certain major geological changes in the earth's history were caused by catastrophic events rather than by slow gradual processes. Creation and the worldwide flood, as recorded in the Bible, are the greatest "catastrophic" events in the earth's history.

There have been many other considerably less catastrophic events in earth history such as volcanos,

floods, earthquakes, tsunamis, and turbidity currents. Many scientists, including secular scientists, now recognize that these have been major factors in shaping the earth's present topography.

In the last few years there has been a shift in the thinking of a large number of scientists, including many secular scientists. The evidence for past catastrophic events is simply too strong to ignore. Many geologists now believe that catastrophes such as floods and volcanos and other catastrophes do most of the work in geology, and the land forms seen today are best explained by catastrophic events in the past.

Warren D. Allmon, a professor at Cornell University stated, *"This extreme gradualism (uniformitarianism) has led to numerous unfortunate consequences, including the rejection of sudden or catastrophic events in the face of positive evidence for them, for no other reason than that they were not gradual"*.

Derek Ager *"...we have allowed ourselves to be brain-washed into avoiding any interpretation of the past that involves extreme and what might be termed 'catastrophic' processes"*.

Today the secular scientific world is split with most emphasizing uniformitarianism, but many believing in catastrophism. It should be emphasized that not all who believe in catastrophism believe in the Biblical history of the earth.

The Bible itself predicts a time when people will reject Biblical teaching and embrace uniformitarianism. According to the following verses they deliberately choose to reject creation and the worldwide flood. They also reject what God says will happen to the earth in the future.

First of all, you must understand that in the last days scoffers will come, scoffing and following their own evil desires. They will say, "Where is this 'coming' he promised? Ever since our fathers died, everything goes on as it has since the beginning of creation." But they deliberately forget that long ago by God's word the heavens existed and the earth was formed out of water and by water. By these waters also the world of that time was deluged and destroyed. By the same word the present heavens and earth are reserved for fire, being kept for the day of judgment and destruction of ungodly men. 2 Peter 3:3-7 (NIV)

11. What is faith?

Now faith is the assurance of things hoped for, the conviction of things not seen.

Hebrews 11:1 (NASB)

Faith is believing, trusting, and having confidence in something that cannot be seen or "scientifically" proven.

I personally have faith in the Bible which claims to be the inspired revelation of truth from God. I do not understand everything about God and the Bible, but as I have read the Bible and asked God for understanding, I have come to the conclusion that the Bible is genuinely the Word of God. Many others have come to the same conclusion.

Evolutionists and other secular scientists also have a tremendous amount of faith. Their faith is that over millions of years life has come into being and has become very complex by the processes of

random chance, spontaneous generation, mutations, and natural selection and, in many cases, their faith is in plain luck.

Again, H.P. Yockey, in the “Journal of Theoretical Biology” wrote, “*One must conclude that, contrary to the established and current wisdom, a scenario describing the genesis of life on earth by chance and natural causes which can be accepted on the basis of fact and not faith has not yet been written.*”

A Suggestion

I would like to suggest that anyone reading this study go now and pick off a leaf from a tree or plant and carefully look at it. In all honesty, does it appear to be designed by an intelligent designer or does it appear to be the result of random chance?

Now consider that inside the leaf that you are holding in your hand there are many extremely complex manufacturing plants. Through a process called photosynthesis, using energy from the sun, plants break up molecules of water into hydrogen and oxygen. The hydrogen combines with carbon dioxide from the air and makes sugars which the plants use for food. The leaf is taking carbon dioxide which is harmful to human life and producing and giving out oxygen that humans and all other air breathing forms of life must have to stay alive. Without this source of oxygen, we would all die.

Man does not fully understand this complex process and cannot duplicate it. Again, ask yourself in all honesty, is photosynthesis the result of an intelligent designer or is it the result of pure random chance”?

Chapter Two

What Does the Bible Teach about Creation?

The Bible clearly teaches that God created all that exists, which includes the whole universe, the earth, and all life, including all mankind.

In the beginning God created the heavens and the earth. Genesis 1:1 (NKJV)

All things were made by Him (Jesus); and without Him was not anything made that was made. John 1:3 (KJV)

Thus says God the LORD, Who created the heavens and stretched them out, Who spread out the earth and its offspring, Who gives breath to the people on it And spirit to those who walk in it, Isaiah 42:5 (NASB)

God created man in His own image, in the image of God He created him; male and female He created them. Genesis 1:27 (NASB)

For by Him all things were created, both in the heavens and on earth, visible and invisible, whether thrones or dominions or rulers or authorities—all things have been created through Him and for Him. He is before all things, and in Him all things hold together. Colossians 1:16-17 (NASB)

According to the Bible, creation was a supernatural act that can only be understood by accepting the Bible as the inspired revelation of truth from God to man. Genesis 1 and 2 are historical narrative that record real historical events. Creation resulted from a supernatural act of God. It was not the result of natural forces or natural laws of nature.

When one believes that the Bible is the inspired, inerrant, revelation of truth from God to man, and that Genesis 1:1-2:3 is historical narrative and true as written, there is little question that God created the universe, including our solar system, our earth, and all forms of life, including us, in six literal twenty-four-hour days about six thousand years ago. The days of creation are not long eons of time but rather they are six literal twenty-four-hour days, each with a literal morning and evening.

Genesis is an accurate literal account of the supernatural origin of the universe, which includes earth and all life on earth. This is the position strongly taken in this study.

What was the earth like when it was created by God?

When God created the earth and Adam and Eve, they lived in a perfect environment. They had plenty of good food, the climate was perfect, and there was indescribable beauty all around them. Adam and Eve had the responsibility to care for the Garden of Eden, but at that time the earth did not have weeds, thorns, thistles, or anything else that would make their work unpleasant.

There was no sin or rebellion. There was no crime, no jails, no police, no war, no armies and no terrorism. There was no sorrow or grief. There was no physical or emotional pain. There was no anger, no fear, no guilt, no shame, and no regret. There was no neglect or abuse of children and no

addictions. There was no cancer, no heart disease, no sexually transmitted diseases, nor any other kind of diseases or sickness. There were no financial problems, and there was no debt. There were not even any taxes to pay. There were no corrupt governments or judicial systems. There were no prejudices or disharmony between the sexes or between different races.

Before the fall, there was no death. Even the animals did not kill and eat each other and people did not kill animals for food. Adam and Eve were not ageing. They walked close to God and had close fellowship with Him. There was nothing more that could have made their lives any better.

It was when man rebelled against God that all the trouble and pain became part of man's existence. The earth and all of creation was cursed by God. Fortunately, those who choose to believe in the Lord Jesus Christ can look forward to a new re-created heaven and earth where all these negative things will be a thing of the past.

Three Biblical Reasons Why God Created the Solar System and the Universe

Purpose One -- To declare His glory and to reveal His attributes

The heavens declare the glory of God; the skies proclaim the work of his hands. Psalm 19:1 (NIV)

For since the creation of the world His invisible attributes, His eternal power and divine nature, have been clearly seen, being understood through what has been made, so that they are without excuse. For even though they knew God, they did not honor Him as God or give thanks, but they became futile in their speculations, and their foolish heart was darkened. Professing to be wise, they became fools, Romans 1:20-22 (NASB)

I suspect that nearly all of us have at some time looked at the stars, or at a beautiful flower, or at a sunrise or sunset, or have read about the design and complexity of life, and have been awed by the beauty and the splendor of nature. All of these are signs that clearly point us to a very intelligent powerful designer/creator. We stand in awe of Him because of all that He has made.

Some astronomers tell us there are about 10,000,000,000,000,000,000 stars in the universe. Counting the stars at the rate of one star per second would take about 317 trillion years. Yet, the Bible tells us that God created each star different and He knows them all by name.

He determines the number of the stars and calls them each by name. Psalm 147:4 (NIV)

Lift up your eyes on high and see who has created these stars, The One who leads forth their host by number, He calls them all by name; Because of the greatness of His might and the strength of His power, not one of them is missing. Isaiah 40:26 (NASB)

There is one glory of the sun, and another glory of the moon, and another glory of the stars; for star differs from star in glory. 1 Corinthians 15:41 (NASB)

Nature leaves us in awe of God. One reason we reverence and worship Him and give Him glory is because of all that He has created.

Purpose Two – For signs and seasons

As we have seen, the universe declares the glory of God. It clearly teaches us about the attributes of God. The order in the universe also determines our annual seasons, our days and nights, and our years.

Then God said, "Let there be lights in the expanse of the heavens to separate the day from the night, and let them be for signs and for seasons and for days and years;" Genesis 1:14 (NASB)

We all know that our relationship to the sun determines the characteristics of our seasons and of time itself. We calculate years by the orbit of the earth around the sun. We calculate days by the rotation of the earth. Our seasons change as the earth orbits around the sun. If one knows how, even the hour of the day can be determined by the position of the sun in the sky. Without the sun, there would be no life on earth and there would be no seasons that are so critical to life on earth.

Again, all this points to a very intelligent and powerful creator.

Purpose Three – To sustain of life on earth

For this is what the LORD says-- he who created the heavens, he is God; he who fashioned and made the earth, he founded it; he did not create it to be empty, but formed it to be inhabited--he says: "I am the LORD, and there is no other. Isaiah 45:18 (NIV)

This Scripture clearly states that the earth was created to be inhabited by people. The earth is unique. While many planets have been discovered, so far none have been discovered that are capable of sustaining life as it exists on earth. The designs within our solar system make it possible for us to live and thrive on earth. This did not all happen by accident; it is God's design.

God, through Jesus, not only created the universe and all that is in it, He also sustains it and keeps it functioning.

The Son is the radiance of God's glory and the exact representation of his being, sustaining all things by his powerful word. Hebrews 1:3 (NIV)

For by Him (Jesus) all things were created, both in the heavens and on earth, visible and invisible, whether thrones or dominions or rulers or authorities—all things have been created through Him and for Him. He is before all things, and in Him all things hold together.

Colossians 1:16-17 (NASB)

The uniqueness of our earth and the characteristics that make life possible here on earth will be covered more in the next chapter in this study.

What is God's purpose in creating men and women?

Then God said, "Let Us make man in Our image, according to Our likeness; and let them rule over the fish of the sea and over the birds of the sky and over the cattle and over all the earth, and over every creeping thing that creeps on the earth." 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 (NASB)

But from the beginning of the creation God made them male and female. Mark 10:6 (KJV)

Everyone who is called by My name, and whom I have created for My glory, Whom I have formed, even whom I have made. Isaiah 43:7 (NASB)

Of all creation, God created only men and women in His own image and likeness, so that we can glorify, love, and fear (reverence) Him in the same way that the Father, the Son, and the Holy Spirit, glorify and love each other.

Attempts to Compromise the Biblical Account of Creation

Belief in a creator God is often strongly opposed and sometimes ridiculed by secular scientists and in many media sources. When scientists begin with the assumptions (there is no God, and the others) as stated in chapter 1 in this study, they interpret all their findings in such a way as to support their assumptions. They believe the Biblical record of creation is an outdated ancient document with little or no truth in it. They strongly believe that the Bible's account of creation is nothing more than a myth that is on par with other ancient mythological accounts of creation, and they say that the Bible's account of creation has been discredited and proven wrong by modern science.

This disbelief and opposition from secular science and many media outlets has led many in Christian circles to try to blend and synchronize the Biblical account of creation with current evolutionary theories. Many Christians, including many Christian colleges and universities, believe in evolution and attempt to reconcile the Bible with various theories of evolution.

In 2006, well over 10,000 clergy from the United States signed a letter supporting evolution as true, and denying creation. The letter clearly stated that the Bible could not be taken as literally true. The purpose of the letter was to oppose the teaching of creation in public schools.

Some teach that Genesis 1 is written as a form of poetry and not to be taken as literal history. They believe that it conveys a general idea or sense of truth about origins and creation but that it should not be taken as actual history. Some others believe that the days of creation actually represent long geologic periods of time that are millions or even billions of years long that can accommodate all evolutionary theories. They say that the days of creation are simply figurative expressions of very long eons of time.

Today most Christian young people do not believe that Genesis 1- 2 is true as written. Many have been taught in school and also by some Christians that evolution has shown that the Biblical account of creation cannot be taken literally. Many Christians, including many Christian colleges and universities, help in this effort. They defend evolution and attempt to reconcile Biblical teaching with evolution.

However, many others, including myself, believe that Genesis is accurate historical narrative and that it is true as written.

A simple definition of a historical narrative is that it is a true and factual account of who did what, and when, where, and why they did it. Hebrew poetry such as in Job, Psalms, Proverbs, Ecclesiastics, Song of Solomon, and sections of numerous other books, is a distinctly different style and way of writing than historical narrative. One does not have to be a Hebrew scholar to tell the difference between the

straight forward narrative of Genesis 1 and poetic passages such as are in the books just mentioned.

The reason some try to make Genesis 1 a poetic or symbolic passage is to attempt to reconcile the Bible's teaching on creation with modern evolutionary theories. This brings up a serious question. When the Bible and man, including modern science, disagree, who do we believe, God or man??? Who is the highest authority, God or man??? When they disagree, do we attempt to reconcile God's Word with man's thinking or do we evaluate man's teaching by the truth of Scripture???

The Old Testament was written in Hebrew. Essentially every leading Biblical Hebrew scholar has agreed that it was the intent of the author of Genesis 1:2 –2:3 to teach that creation took place in six literal twenty-four-hour days.

For in six days the LORD made the heavens and the earth, the sea and all that is in them, and rested on the seventh day; therefore the LORD blessed the Sabbath day and made it holy.
Exodus 20:11 (NASB)

Compromising the Word of God --Three ways to attempt to blend the Bible with modern evolutionary theories

Compromise or Attempt One – The Gap Theory

Genesis 1:1 (NIV) **In the beginning God created the heavens and the earth.**

Genesis 1:2 (NIV) **Now the earth was formless and empty, darkness was over the surface of the deep, and the Spirit of God was hovering over the waters.**

Those who believe in the gap theory teach that there were millions or even billions of years between Genesis 1:1 and Genesis 1:2. There are different versions of the gap theory, but in general they believe that God created the world perfect, but when Satan fell and was cast out of heaven, the earth became "formless and void". They believe evolution occurred during this supposed time gap between verses one and two. Many believe that the creation account in Genesis 1 is a re-creation after Satan's fall.

There is no Scripture or Biblical teaching that teaches or implies that there is a gap between the first and second verses of Genesis 1, or that there were really a first and a second creation. The gap theory is simply not taught in Scripture, even though some notable Christian leaders have believed it.

Many of those who promote the gap theory believe that the word "was" in Genesis 1:2 should be translated "became". Instead of, "*the earth was formless and void*", they think it should be, "*the earth became formless and void*". The Hebrew does not support this and the context of the verse does not support it.

Again, the gap theory is nothing more than an attempt to accommodate evolution.

Compromise or Attempt Two -- Theistic Evolution, Progressive Creation, or The Framework Hypothesis

Each of the above beliefs have their own distinctives, but they all believe in essentially the same concept. They believe that evolution basically occurred as taught today by secular evolutionists, but that God directed evolution or that He intervened from time to time as He was needed. They are basically evolutionists who also believe that God may have played a role in the history of life by guiding evolution.

They acknowledge that the creator/designer is the Biblical God, but believe God used evolution as the means of creation. They believe God was involved in creation, but the Biblical accounts and the other statements relating to creation must be understood and interpreted in a such a way as to accommodate modern evolutionary teaching. This view does not take the Biblical account of creation and other statements relating to creation as literal truth.

They also do not believe that the flood was a worldwide event but rather it was simply a large local flood.

This view of creation and evolution is taught by many “liberal” Christians who do not believe in the literal truth of the Bible. According to many of them, Moses, the human author of Genesis, thought that he was writing a correct account of creation, but his account is basically untrue.

The fundamental question here is, “Is the Bible true and reliable?”. Is the Bible an inspired, inerrant revelation from God, or is it a book written by good men, but not necessarily inerrant and inspired by God?

We, who accept the Bible as God’s revelation of truth, believe that Genesis 1-2 is God’s true and accurate revelation to us about the origin of mankind. It clearly identifies God as the creator. On the other hand, evolution is man’s attempt to explain man’s origins without God.

Compromise or Attempt Three – The Day/Age Theory

The day/age theory teaches that the six days of creation were not twenty-four-hour days but instead were long periods of time. They believe the days of creation were millions, or even billions, of years long. They believe and teach that this allows for all the time necessary for evolution to occur. Many professing Christians strongly advocate this day/age theory and they strongly defend the theory of evolution.

The Biblical Usage of the Word “Day”

In the Bible there are at least three ways to use the word “day”. The following sentence uses all three of them:

In my father’s *day* it took four *days* to drive to Alabama while driving only during the *day*.

In the Bible, the primary meaning of the word “day” is a literal 24-hour day. The secondary meaning is a long period of time, such as when we say “in that day and age”.

In the Bible, if a secondary meaning of a word is meant, it is indicated by the context surrounding the word. The question is, “Does the context of Genesis 1 indicate anything other than a 24-hour day, which is the primary meaning of the word “day?””. The answer is no. There is absolutely nothing in Genesis 1 that indicates that the secondary meaning of “day”, or long periods of time, is what is called for. In fact, the text very strongly indicates a literal 24-hour day is what is being referred to.

In the Bible when “evening” and “morning” are used with the word “day”, as it is used six times in Genesis 1, it *always*, without exception, refers to a normal 24-hour day.

And there was evening, and there was morning--the third day. Genesis 1:13 (NIV)

In the Bible, when the word “day” is used with a number (first day, second day, fourth day, sixth day, etc.), again it *always*, without exception, refers to a normal literal 24-hour day.

God called the light "day," and the darkness he called "night." And there was evening, and there was morning--the first day. Genesis 1:5 (NIV)

And there was evening and there was morning, the fourth day. Genesis 1:19 (ESV)

When the words “day” and “night” are used together, again it always refers to a 24-hour day.

Carefully read the following verses. God uses the creation days to teach about the sabbath day.

Remember the sabbath day, to keep it holy. "Six days you shall labor and do all your work, but the seventh day is a sabbath of the LORD your God; in it you shall not do any work, you or your son or your daughter, your male or your female servant or your cattle or your sojourner who stays with you. "For in six days the LORD made the heavens and the earth, the sea and all that is in them, and rested on the seventh day; therefore the LORD blessed the sabbath day and made it holy. Exodus 20:8-11 (NASB)

If the days of creation are millions of years long, then apparently you and I are supposed to work hard for millions and millions of years and then we are to rest for millions of years. That means that I, as a 70+ year old man, have several million more years to go before I can go rest. And I’m getting sooo tired and sleepy.....

Some have said that each of the six days of creation are actually a thousand years long. Those who suggest this use the following verses to support their belief:

For a thousand years in your sight are like a day that has just gone by, or like a watch (four hours) in the night. Psalm 90:4 (NIV)

But do not overlook this one fact, beloved, that with the Lord one day is as a thousand years, and a thousand years as one day. 2 Peter 3:8 (ESV)

Verses like these are simply teaching that our view of time and God’s perspective of time are totally different. God is eternal. He has no beginning and no ending. Our life span is not even a drop in a big bucket in God’s perspective on time. Many Scriptures refer to our fleeting life span.

Also notice that it does not say “a thousand years in your sight *are* a day”; rather it states that “a

thousand years in your sight are *like* a day”.

A watch in the night was four hours long. If you are to trying make each day of creation a thousand years long, you must also make each day only four hours long. It can't be both.

These verses simply do not teach that each day of creation is one thousand years long. Even if the six days of creation were each a thousand years long, it would not begin to be enough time for evolution to occur.

Essentially every noted Hebrew scholar who has dealt with this question of the length of the days of creation has stated that the intent of the Genesis 1 record of creation is to teach that creation occurred in six literal 24 hour days.

Then why do many Christians believe that in Genesis 1 the word “day” means millions or billions of years of time? The only reason is to use whatever tactics necessary to somehow try to make the Bible fit into man's theories of evolution.

Even though many who identify themselves as Christians believe in the day/age theory, it does not stand up under Biblical scrutiny. We believe the Biblical account of creation is literally true as written.

Jesus Himself taught that man was made in the beginning, not billions or millions of years after creation was started. Jesus Himself taught that men and women were created “from the beginning”, not billions or millions or even thousands of years after He supposedly began the creation process.

But from the beginning of creation, ‘God made them male and female.’ ‘Therefore a man shall leave his father and mother and hold fast to his wife,... Mark 10:6-7 (ESV)

Can evolution and the Biblical record of creation be harmonized?

If God did use evolution as the means of creation, and evolution really happened as is taught today, then the Bible is wrong in several key areas.

First, let's look at the Biblical order of creation and compare it to the order of development taught by essentially all evolutionists. In the following chart the order of the Biblical account of creation is given in the first column. The order of development as taught by evolutionists is given in the second column. The parenthesis in the evolution or second column tell what creation day that particular item was created on.

The order of creation given in the Bible	The order of development as taught by most evolutionists
1. The water covered earth was created first by God.	1. All matter in the entire universe began with a “big bang”.
2. Light..... Day 1	2. The universe, sun, stars, and light came first. (creation day 4,1)
3. Atmosphere..... Day 2	3. Earth – (In the Bible, the earth was created first.)
4. Land.....Day 3	4. Oceans – (In the Bible, this is before the six days of creation.)
5. Plants..... Day 3	5. Life began when a cell formed in a primordial soupy pond.
6. Sun, Moon, Stars.... Day 4	6. Life in ocean – (In the Bible, this is creation day 5.)

- | | |
|---------------------------|---|
| 7. Fish.....Day 5 | 7. Fish – (In the Bible, this is creation day 5.) |
| 8. Birds.....Day 5 | 8. Plants – (In the Bible, this is creation day 3.) |
| 9. Land Animals.....Day 6 | 9. Land animals – (In the Bible, this is creation day 6.) |
| 10. Man.....Day 6 | 10. Birds – (In the Bible, this is creation day 5.) |
| | 11. Man – (In the Bible, this is creation day 6.) |

Notice the order is very different.

Notice that, according to the Bible, the earth was the first part of the universe that was created. This occurred before the following six days of creation. This is laughable according to many secular scientists who strongly believe that the earth was formed billions of years after the big bang and after the formation of the whole universe including stars and galaxies. This is opposite of what the Bible teaches.

Evolution says that the sun, moon, and stars came into being before the earth after the “big bang” in which “nothing” exploded and formed the universe. The Bible teaches that the sun, moon, and stars were not created until day four after the earth was fully formed and functioning.

The Bible teaches that God created the earth covered with water. Evolution teaches that water did not appear on earth until billions of years after the earth was formed, most likely after being struck by a huge icy meteorite or many meteorites. According to evolution, the oceans were formed many billions of years after the formation of the earth.

Evolution says fish existed before plants. The Bible teaches that plants were created before fish. Evolution strongly teaches that land animals appeared before the birds. The Bible states that the birds were created before land animals.

If evolution is true, then God was either careless, confused, or dishonest when He revealed the order of creation to Moses.

The Bible clearly teaches there was a worldwide flood. This will be dealt with more in chapter ten. However, the Biblical flood account does not square with evolutionary theories. Therefore, those who try to reconcile the Bible and evolution also have to reject the teaching of a worldwide flood and say that the flood was only a local flood.

If Genesis 1-11 is not reliable history, and the Bible’s record of creation and of the flood are unreliable, at what point does the Bible become accurate history?

If we believe in evolution, then we have to deny the accuracy of the Biblical account of the creation of Adam and Eve. According to evolution, men and women evolved over millions of years. According to many evolutionists, the Biblical account of the creation of Eve is hilarious.

If evolution is true, then we are not all descents of Adam and Eve as the Bible clearly teaches.

Diehard evolutionists reject all supernatural events. If evolution is God’s way of creation, and the Biblical account of creation and the flood are not historically accurate, then we have to ask, “Did the other supernatural events recorded in Scripture really happen as recorded?”. Is the virgin birth of Christ real? Did Jesus really raise Lazarus and others from the dead? Did Jesus Himself really raise from the dead? Will the earth be destroyed by fire as the Bible teaches? On what grounds can we deny the

reality of some supernatural events as recorded in the Bible, such as creation, but turn around and say other supernatural events really happened as recorded in the Word of God?

If we don't believe that what God said about the beginning of the earth is true, then can we believe what He says about the ending of the earth?

The Bible states that Adam lived for 930 years. If God created Adam on a millions-of-years-long-creation-day-six, then Adam would have been created, lived and died all on creation day six. This clearly does not square with Scripture.

The Role of Death in the Bible and in Evolution

Now for a moment let's consider the role of death in both evolution and in the Bible.

The Bible clearly teaches that death came about as a result of sin.

Therefore, just as through one man sin entered into the world, and death through sin, and so death spread to all men, because all sinned. Romans 5:12 (NASB)

For the wages of sin is death, but the free gift of God is eternal life in Christ Jesus our Lord. Romans 6:23 (NASB)

For since by a man came death, by a man also came the resurrection of the dead. For as in Adam all die, so also in Christ all will be made alive. 1 Corinthians 15:21-22 (NASB)

The Bible clearly teaches that God created a perfect world. Before sin, there was no suffering or death. This is in stark contrast with the teaching of evolution. Survival of the fittest is a core teaching in evolution. The strongest and the most fit survived and lived and, in many cases, they killed the less fit or weaker lives. The weak had to die so that the strong could survive. Death of the weak is a central dogma of evolution. Obviously, in evolution, death has no relationship to sin.

We need to ask ourselves, "Is death and suffering a result of sin as the Bible teaches, or have death, pain, disease, suffering, and extinction been tools in the hand of God for millions of years to eliminate the weak human beings and other weak living creatures to insure the survival of the fittest? Is it really God's plan that only the strongest people live while He used death to kill off all the weak??? Was this God's "very good" plan??? That is not the kind of God that I serve!!!

If evolution is true and death is not a result of sin, then the Bible's whole teaching on salvation is off base.

The New Testament identifies Jesus as both our Creator and our Savior.

In the beginning was the Word, and the Word was with God, and the Word was God. He was in the beginning with God. All things came into being through Him, and apart from Him nothing came into being that has come into being. In Him was life, and the life was the Light of men.

John 1:1-4 (NASB)

He is the image of the invisible God, the firstborn over all creation. For by him (Jesus) all things

were created: things in heaven and on earth, visible and invisible, whether thrones or powers or rulers or authorities; all things were created by him and for him. Colossians 1:15-16 (NIV)

...in these last days has spoken to us in His Son, whom He appointed heir of all things, through whom also He made the world. Hebrews 1:2 (NASB)

Are these Scripture true or are they not? Is Jesus the creator as He claimed? Absolutely YES!!!

What right do we have to say that the Biblical teachings about Jesus and salvation are true, but deny the Biblical teaching on Jesus and creation? If we are the product of evolution, then we were not created by Jesus.

We cannot believe Biblical teaching about Jesus as our Savior, but deny Biblical teaching about Jesus as the creator. We have to accept all of His claims or reject them all as being untrue or questionable.

As we have already seen, down through the years, almost all of those who have led in developing the various theories of evolution have repeatedly denied the existence of God. Evolution begins with the assumption that there is no God or creator. This presupposition, not verifiable science, is the foundation of evolution.

Did Christians really misunderstand Genesis 1 and 2 for some 4000 years, until Darwin and other evolutionists and atheists taught us the real truth about Genesis and how the universe and life really began???

Why is all this important? The integrity and the dependability of God and His Word are at stake. If we cannot believe Genesis as it is written, then how much of the Word of God can we believe?

Who is the higher authority? God or Man? If God's Word does not agree with some scientific thinking, should we modify our understanding of Scripture to accommodate the latest "scientific" theory???

To attempt to make Scripture compatible with man's theories vastly cheapens God and makes Him less than man. This whole concept takes glory from God and uplifts man. It takes God's name in vain; it takes away from the glory of God. To believe that God used death and suffering to destroy the weak and to increase the survival chances of the strong is to assault the character of God.

Conclusion

Consider each of the following. If evolution is true, then:

The days of creation as given in Genesis 1 are out of order.

The phrase "after their own kinds", which is used ten times in Genesis 1, is meaningless.

The Genesis accounts of the creation of Adam and Eve are false.

All people are not descendants of Adam as the Bible clearly teaches.

The flood has to be a local flood rather than a worldwide flood.

We must use secondary meanings of Biblical words that are not called for by the text itself.

The Bible's teaching on salvation is incorrect since death would not be the result of sin.

The whole New Testament, including the words of Jesus, would be questionable because in the New Testament there are about 100 quotes or references that build on Genesis 1-11.

The Biblical teaching on each of the following has its foundation in Genesis 1-3. If Genesis 1-3 is not true as written, then each of the following Biblical teachings is based on a very shaky foundation.

Who is man?

What is Satan like?

Sin

Death (physical and spiritual)

Salvation

Marriage and family

The integrity of the Word of God

The character of God

To believe evolution is true, Christians have to defend theories that were developed and promoted by many men who denied the existence of God. It is still true that the primary promoters of evolution are atheists. Listen to what some leading evolutionists have said. Should we interpret the Bible to accommodate the teaching of men who believe this?

Isaac Asimov -- *"I am an atheist, out and out. I've been an atheist for years and years..."*

Richard Dawkins -- *"...understanding evolution led me to atheism."*

Julian Huxley -- *"...man is just as much a natural phenomenon as an animal or plant;...his body, mind, and soul were not supernaturally created but are the products of evolution...he is not under the control or guidance of any supernatural being or beings, but has to rely on himself and his own powers."*

Charles Darwin -- *"...the Old Testament from its manifestly false history of the world...was no more to be trusted than the sacred books of the Hindus, or the beliefs of any barbarian."*

Darwin referred to natural selection as "his deity".

William B Provine, Professor of Biology, Cornell University -- *"Let me summarize my views on what modern evolutionary biology tells us loud and clear: There are no gods, no purpose, no goal directed forces of any kind. There is no life after death. When I die, I am absolutely certain that I'm going to be dead--that's the end for me. There's no ultimate foundation for ethics, no ultimate meaning to life..."*

John Dunphy -- *"...the battle for humankind's future must be waged and won in the public school classroom...in whatever subject they teach...pre-school, day care, or large state universities...an arena of conflict...the rotting corpse of Christianity...and the new faith of humanism."*

Richard Lewontin -- *"It is not the methods and institutions of science that compel us to accept a material explanation of the phenomenal world, but on the contrary, that we are forced by our a priori adherence to material causes to create an apparatus of investigation and a set of concepts that produce material explanations, no matter how counterintuitive, no matter how mystifying to the uninitiated, moreover that materialism is absolute, for we cannot allow a Divine foot in the door."*

George Wald, Harvard University Nobel Laureate -- *"I do not want to believe in God, therefore I choose to believe in that which I know is scientifically impossible: spontaneous generation arising to evolution."*

Charles Lyell, an influential geologist in the past, wrote in 1881 that his purpose was to “*free science from Moses*”.

Does God really expect us to believe and trust theories developed by atheists to discredit the Word of God? Do we want to put our faith in theories that cannot be scientifically, logically, or Biblically defended?

But from the beginning of the creation God made them male and female. Mark 10:6 (KJV)

"For in six days the LORD made the heavens and the earth, the sea and all that is in them, and rested on the seventh day; Exodus 20:11 (NASB)

Chapter Three

The Universe and Its Origin

By the Word of the LORD were the heavens made, their starry host by the breath of his mouth. He gathers the waters of the sea into jars; he puts the deep into storehouses. Let all the earth fear the LORD; let all the people of the world revere him. For he spoke, and it came to be; he commanded, and it stood firm. Psalm 33:6-9 (NIV)

By faith we understand that the universe was formed at God's command, so that what is seen was not made out of what was visible. Hebrews 11:3 (NIV)

The size and complexity of the universe is beyond our ability to understand or even to imagine. We do not have the language to adequately describe the universe.

There are some 100 to 200 billion galaxies in our universe. A galaxy is a large cluster of stars, gas and dust. Each galaxy contains from a few million stars to over a trillion stars, with an estimated average of about 100 billion stars.

There are also many large clouds of gas and dust which are called nebulae.

It has been estimated that there are a total of some 10,000,000,000,000,000,000 stars in our universe. Counting them at the rate of one star per second would take about 317 trillion years. Our closest star, the sun, is about 93 million miles away. If you were to drive your car to the sun at 60 miles an hour, it would take about 170 years, providing you didn't make any stops along the way.

Light travels at about 186 thousand miles a second. A light year is the distance light would travel in one year, which is about six trillion miles. This is about 63 thousand times the distance to the sun. Distances in our universe are measured by thousands, millions, and even billions of light years in distance.

There are at least three ways in which people explain how the universe and all that now exists came into being. In this section of our study, we will look at these three views.

The Origin of the Universe Explanation One -- Creation

The first way to explain the origin of the universe is to accept the Biblical teaching that God created the universe, including the earth and all its inhabitants. As has already been stated, this is the position taken in this study. We strongly believe the Bible's teachings on creation is literal truth, and does not need to be interpreted in such a way as to accommodate any modern theories of the origin of the universe.

In the beginning God created the heavens and the earth. Genesis 1:1 (NKJV)

By the word of the LORD were the heavens made, their starry host by the breath of his mouth. ...For he spoke, and it came to be; he commanded, and it stood firm. Psalm 33:6 and 9 (NIV)

And God saw everything that he had made, and behold, it was very good. And there was evening and there was morning, the sixth day. Genesis 1:31 (ESV)

We believe God exists and that He is all knowing and all powerful and is fully capable of creating all that exists. The extremely complex designs in living and non-living matter clearly point to an intelligent, all knowing, all powerful creator.

God's Purpose for the Earth

According to the Bible, God's purpose for the creating the earth was for the earth to be the dwelling place of man.

For this is what the LORD says--he who created the heavens, he is God; he who fashioned and made the earth, he founded it; he did not create it to be empty, but formed it to be inhabited--he says: "I am the LORD, and there is no other. Isaiah 45:18 (NIV)

The heavens are the heavens of the LORD, But the earth He has given to the sons of men. Psalm 115:16 (NASB)

Then God said, "Let Us make man in Our image, according to Our likeness; and let them rule over the fish of the sea and over the birds of the sky and over the cattle and over all the earth, and over every creeping thing that creeps on the earth." Genesis 1:26 (NASB)

The design of the earth and its place in our solar system clearly point to an intelligent being who created our solar system and our earth to be inhabited by man and other living things.

In the past we have been told that our sun is a very ordinary humdrum star that is no different than the trillions of other stars in the universe.

"Where are we? Who are we? We find that we live on an insignificant planet of a humdrum star lost in a galaxy tucked away in some forgotten corner of a universe in which there are far more galaxies than people." Sagan, Carl, Cosmos, Episode 7. "The Backbone of Night"

"The sun is a rather ordinary star--not unusually hot or cold, old or young, large or small. It is fortunate that we have such a garden-variety star so near at hand." Abell, G.O., and Wolff S.C. 1991. Exploration of the Universe. Philadelphia: Saunders College Publishing. p. 435

However, as knowledge has increased, this viewpoint has been disputed by many other secular scientists. Today, there are many very well educated and qualified astronomers that are telling a very different story.

"Some of the popular perception of the sun is downright wrong. Writers sometimes tell us that it is 'Just an average star.' Not so. The vast majority of stars are smaller, cooler, dimmer, and less massive than the sun." Maran, Stephen P. March 1990. "When All Hell Breaks Loose On the Sun, Astronomers Scramble to Understand." Smithsonian 20(3):37

Again, let's take another look at Isaiah 45:18. This Biblical verse clearly teaches that God created the earth special, to be inhabited.

For this is what the LORD says--he who created the heavens, he is God; he who fashioned and made the earth, he founded it; he did not create it to be empty, but formed it to be inhabited--he says: "I am the LORD, and there is no other. Isaiah 45:18 (NIV)

How is the earth specially prepared for human life?

The design of the earth, the sun, and our solar system make it possible for there to be life on earth. Following are a few of the ways that strongly support the Bible's teaching that the earth is designed to support life. It is the only known planet to have all the following characteristics:

Our sun is an unusually stable star that does not have significant variations in temperature. Only about five percent of the stars are this stable. It is brighter than about eighty-five percent of stars and more mass than about ninety percent. Solar flares on our sun are small compared to other stars and these flares do not adversely affect life on earth.

The radiation output of the sun is just right for life on earth.

Our stable sun and the distance from the sun to the earth make the temperature on earth just right for human life. If we were farther from the sun, life on earth would freeze to death. If we were closer, we would roast to death.

We need liquid water to exist. Again, the distance from the sun makes it possible for liquid water to exist. About seventy percent of the earth's surface is liquid water. If all the earth's land masses were flat and equal in elevation, the whole earth would be covered with about one and a half miles of water. This is unique. While other planets may have some ice or water vapor, no other known planet has so much liquid water.

A major problem for those who do not believe in creation but believe that the earth is the product of a "big bang", is to explain where all the water on earth came from. If the universe all came into being at more or less the same time and by the same natural processes, why is the earth the only known planet to have so much water. Some try to explain this by saying a collision with a huge asteroid or asteroids, or with a comet or comets, is the source of all the water. However, this is pure speculation with little or no scientific basis. For an asteroid to have the amount of water that is on the earth, it would have to be enormous. Many scientists say that the earth itself could not survive such a collision and still be a habitable planet. Many also say that if this kind of a collision occurred, the earth's orbit would be completely altered and this would make the earth unable to sustain life.

Is the water here by chance or by design?

The earth rotates on its axis every 24 hours. The earth is the proper size and composition for this to occur. If it were slower, we would have extreme hot and extreme cold which would make it impossible for life to exist. If it rotated faster, we would experience continual violent winds.

The earth's orbit around the sun is circular, not elliptical like other planets in our solar system. If the orbit was elliptical, temperature variations would prohibit life.

The tilt of the earth (23.4 degrees) makes the seasons to be compatible with life on earth. If it were

tilted less, the habitable regions would be much less. A greater tilt would lead to the seasons being too extreme for life.

The location of the moon stabilizes the earth's axis, making the seasons capable of sustaining life.

The moon's orbit is unique. It orbits on the same plane as the earth's orbit around the sun. It is the only moon in the solar system that does this. The moon is also very large when compared to the moons of other planets. The mass of the moon plus its orbit stabilizes the tilt of the earth. Without the moon, the earth's tilt would wobble and life would be very adversely affected.

The moon is also just the right size and distance from the earth to regulate the tides and keep the oceans from stagnating and becoming unable to sustain life.

There is also a water cycle on earth. Water evaporates from the oceans and forms clouds which are blown over land. From the clouds comes rain, which makes life on the land possible. The water then returns to the ocean and the cycle is repeated. The water cycle makes it possible for plant life to exist. Again, earth is the only known planet with this water cycle.

Our earth is the only known planet that has plant life. Plant life is necessary for all animal life to exist. Again, our stable sun and our unique relationship to it make plant life possible. The right tilt of the earth makes the water cycle and plant life possible.

The sun provides the fundamental life energy for all plants. Through a process called photosynthesis, plants break up molecules of water into hydrogen and oxygen. The hydrogen combines with carbon dioxide from the air and makes sugars which the plants use for food. From the atmosphere, leaves take in carbon dioxide which is harmful to human life and produce and give out oxygen that humans and all other air breathing life must have to stay alive. Without this source of oxygen, we would all die.

The heat and the distance from the sun have to be just right for photosynthesis to take place. Without the correct balances of distance from the sun and heat ratios, our entire food chain would collapse. There are many things about photosynthesis that modern science still does not understand, and they cannot duplicate this process. Yet, it is a process going on in many billions of plants all around us. Could this really be the product of chance???

The earth's atmosphere itself is a marvel. Its chemical makeup of nitrogen, oxygen, and a small amount of carbon dioxide, combined with gasses and water vapor, must be precise for life to exist. Our atmosphere blocks ultraviolet rays from the sun and provides us with the right climate for life. The atmosphere causes most particles from space to burn up rather than to collide with and damage the earth. If the atmosphere were thicker, it would cause a massive greenhouse effect. It has just the right chemical make-up, including oxygen, for life to exist on earth.

The earth has just the right amount of gravity to hold things on earth together, but is not so strong that it inhibits life.

Even the sun's position in the milky way galaxy is crucial to maintaining life on earth. Excessive x-rays and gamma rays do not make life impossible on earth.

Not all planets have a magnetic field. Secular science cannot explain why the earth does have a magnetic field. However, the earth's magnetic field protects us from harmful solar cosmic radiation

which would quickly kill life on earth if it did not exist. The magnetic field protects the earth's precise atmosphere.

There are seven other planets in our own solar system and many others in our galaxy and in the universe. There are over a thousand other known planets, and scientists are continually finding more. There is an intense effort with many billions of dollars spent trying to find life on some other planet. Some are convinced that if they can find intelligent life elsewhere, it will prove evolution. So far, in spite of the intense efforts, no life has been found in any other place. They have found no trace or any evidence of life any other place. There simply are no other known planets like the earth, and no other life has been found.

However, even if there was life found on another planet, it simply would not prove or disprove creation or evolution. Most Biblical theologians do not believe there is life elsewhere, but the Bible does not specifically say so.

While preparing for this study, each of the following was mentioned by some as being necessary for life on earth. I have simply put the list together. I do not begin to understand it all.

- Correct location in our galaxy
- Correct distance from the sun
- Protected by giant planets
- Correct kind of star
- Right sized moon
- Right force of gravity
- Terrestrial planet (not gas or dust or...?)
- Planet with plate tectonics
- Right kind of a magnetic field
- Oxygen rich atmosphere
- Liquid water

The Biblical teaching that earth was created specifically for man, is ridiculous to many. They believe that it is more "scientific" to believe that all that we have talked about is all the product of random chance. One astrophysicist calculated that the chances of earth accidentally being in this position which enables life to thrive is about 1 in 1,000,000,000,000,000. This number exceeds the number of stars in our galaxy.

We have a very finely tuned solar system which makes life on earth possible. Is this luck or is it design?

The Origin of the Universe Explanation Two – The Big Bang

A second way of explaining how the universe came into being is to rule out the involvement of God or any other intelligent being, and to believe that it was all a purely natural, purely physical process. They say our universe is totally and completely the result of random chance, natural forces, and natural laws. Most of those who rule out God believe in some version of what is called the "big bang".

A basic simplified explanation of the big bang model goes something like this:

- A. In the eons or ages past, there was nothing.
- B. All matter was then bound together in one tiny speck that was a millionth as small as the period at the end of this sentence.
- C. Then there was a quantum fluctuation.
- D. The tiny speck of matter exploded (or expanded rapidly) and in a split second all the energy and matter in the universe was formed.
- E. Trillions and trillions of atoms, which are the building blocks of everything, in all their complexity, were all formed by random chance.
- F. Our ordered universe, including all life, resulted from this explosion (or sudden expansion).
- G. Billions of years later, the right non-living chemicals somehow formed and accidentally came together with other necessary ingredients and then came to life -- forming the first living cell-- all by pure chance. (Even natural selection cannot work before life originated.)
- H. All components of life, including DNA with information codes far more complex than any modern computer, came into being by pure random chance.

In the billions of years following the so called “big bang”, natural laws developed and the universe organized itself into a profoundly complex system.

Some of us with simple minds have some questions about all this.

If there was nothing, how could there be a speck of matter? If there was nothing, how could a speck of matter form? Who or what caused the speck to come into existence?

If there was nothing, what fluctuated?

Do I really believe that all the mass of the whole universe was inside one tiny speck a million times smaller than the period at the end of a sentence?

Do we really believe that a very ordered and structured universe, including extremely complex life forms, resulted from an explosion? Do explosions really result in complex order? If I want to organize my garage, do I get a bomb and blow it up??? (Or cause it to expand rapidly?)

Those who accept this understanding cannot explain where matter originally came from or how natural laws came into existence.

Alan Guth, a committed evolutionist who is with the Massachusetts Institute of Technology, wrote in “Discover” magazine: *“The universe burst into something from absolutely nothing – zero, nada. And as it got bigger, it became filled with even more stuff that came from absolutely nowhere.”*

Alan Guth also said, *“The universe grew a million, million, million, million, million times larger, in a thousand million, million, million, millionth of a second”.*

Those who lead in the development of these theories begin with at least four fundamental assumptions, and they attempt to explain all that exists in tune with these assumptions. These assumptions are as follows:

- Assumption One: There is no God. All that has happened is 100% natural. (No supernatural)
- Assumption Two: The earth is billions of years old.

Assumption Three: Life itself came from an unplanned random chance gathering of non-living chemicals and other materials.

Assumption Four: The past history of our globe must be explained by what is happening now. (uniformitarianism)

Most of those who believe in the “big bang” do not believe that there is a God, and they adamantly deny that any God or any other intelligence played a role in the origin of the universe. Life itself came into being by a random chance meeting of non-living chemicals.

Again, following are statements from some leading scientists who reject Biblical creation. Many of these statements were covered in the last chapter, but we are repeating them to emphasize the beliefs of many, or most, secular scientists who do not believe in creation.

Julian Huxley -- “...*man is just as much a natural phenomenon as an animal or plant; ... his body, mind, and soul were not supernaturally created but are the products of evolution...he is not under the control or guidance of any supernatural being or beings, but has to rely on himself and his own powers.*”

William B Provine, Professor of Biology, Cornell University -- “*Let me summarize my views on what modern evolutionary biology tells us loud and clear: There are no gods, no purpose, no goal directed forces of any kind. There is no life after death. When I die, I am absolutely certain that I’m going to be dead- that’s the end for me. There’s no ultimate foundation for ethics, no ultimate meaning to life and no free will for humans either.*”

Not every person who believes in evolution is an atheist; however, the leaders in this movement clearly are.

Most scientists and others who now reject creation believe in the “big bang” model for the origin of the universe. Secular scientists are far from unified in their beliefs as to the how and why all this happened, and big bang theories are continually changing as new discoveries are made and new ideas and theories emerge. Not all scientists agree on even the basics of the big bang; however, most do believe in some version of the big bang.

To believe the Bible, one has to go against secular science and the adamant teaching of the universities and intellectual establishment.

Descriptions of the big bang by secular scientists often involve stretching, twisting, and even reversing the meanings of words. They have their own vocabulary and attempt to explain the big bang by using terminology and words to which they give their own meanings. It all sounds so intellectual and they make it all sound as if it is proven scientific fact; but, in reality, it is a lot of nonsense trying to explain how the impossible was possible, and to explain it apart from any role of a creator God.

Many defend the big bang by using language like the following:

In the beginning there was nothing.

Nothing is not really nothing, but it is something.

Nothing which was really something exploded and led to the formation of the universe.

Big Bang theories continually change in order to accommodate new discoveries and challenges to the model. When a belief is not based on genuinely proven fact, it is not a problem to change or tweak the model. This is continually happening. If we were told yesterday by secular scientists that their “big bang” model was true, but today the model has changed, how can we believe that their current explanations are true?

Lately, big bang theorists are emphasizing the existence some kind of anti-gravity energy. Along with other reasons, this is necessary because the expansion rate of the universe seems to be accelerating. They are calling this anti-gravity energy “dark energy”. They say that only about five percent of the universe is visible matter while the rest is dark energy and dark matter. No one knows what this dark energy or dark matter is and it cannot be detected; yet, it must exist if the big bang is really true. They believe that ninety-five percent of the universe is made out of something that has never been observed, and they cannot tell what it is, or what it is like, and it is a total mystery to science.

The big bang is believed to have happened over thirteen billion years ago. No one was around to observe the big bang or to take pictures on their cell phones. ☺ It is a system that starts with an idea that exempts God, and then attempts to explain how it could all happen. This whole viewpoint is based on unprovable theories, and there is a lot of disagreement among those who accept this model. Since it is primarily a theory and not a scientifically proven event, it is very flexible and it can and it does continually change to adapt to new concepts and ideas. When discoveries are made that do not support the big bang model, since the theory is not bound by provable facts, the theory is simply tweaked to explain how the new concept could fit in.

In the same way it is hard or impossible to disprove the model. Since the model is not based on observable science, or laws of nature, all that has to be done is to tweak the model to minimize any science that does not agree with them.

Public media sources are quick to jump on these so-called new discoveries. They broadcast them as newly discovered scientific truth when it may actually be far from the truth, and not even believed by many secular scientists themselves.

It should be noted that many secular scientists themselves do not believe that the big bang is a plausible explanation of the origin of the universe.

Some of us may wonder, “Why do intelligent people believe the way they do about these things?”. That is not really a hard question to answer. When scientists choose not to believe in God, they have to come up with completely naturalistic explanations.

They assume there is no God, and all of their conclusions are based on the assumption that there is no God. The following statements are all made by scientists who are atheists and are deeply committed to evolution.

George Wald, Harvard University - Nobel Laureate – *“I do not want to believe in God. Therefore I choose to believe in that which I know is scientifically impossible: spontaneous generation arising to evolution.”*

Scott Todd, Kansas State University – *“Even if all the data point to an intelligent designer, such an hypothesis is excluded from science because it is not naturalistic.”*

What Mr. Todd is saying is that no matter what the evidence is, we will not believe it unless it supports our viewpoint.

Many scientists are very intelligent and capable people. When they stick with operational and testable science, they can do amazing things. They have sent men to the moon, sent spacecraft to the outer limits of our solar system and beyond, studied the human genome, developed cures for diseases, and many other remarkable accomplishments. However, when science begins speculating on what has taken place in the past and basing their conclusions on human logic and assumptions, their theories cannot be proven or disproven. There is much disagreement among themselves, and their conclusions can be illogical and speculative.

Big bang theorists cannot consistently make accurate predications simply because the whole theory is not founded in provable observable science; it is based on a concept that tries to plausibly explain origins without accepting Biblical creation.

Listen to what John Eddy, an evolutionist committed to the big bang, has to say. *“I suspect that the sun is 4.5 billion years old. However, given some new and unexpected results to the contrary, and some time for some frantic recalculation and theoretical readjustment, I suspect that we could live with Bishop Ussher’s value for the age of the earth and sun (about six thousand years). I don’t think we have much in the way of observational evidence in astronomy to conflict with that.”* John Eddy, quoted by Kazmann, RG., 1978, “It’s About Time: 4.5 Billion Years.” “Geotimes” 23:9 pp.18-20

The Origin of the Universe Explanation Three – Intelligent Design

A third way of explaining the origins of the universe and of life is to recognize that there had to be intelligence involved in the formation of the universe and of life, but that intelligence was not necessarily the God of the Bible. This is often referred to as the “intelligent design” movement or viewpoint.

Those in the intelligent design movement have come to realize that the complexity in nature and the scientific evidence demands that there must be a designer and a cause behind the universe and the development of life, but they are unwilling to accept the Bible’s account of creation as being literally true. Some in the intelligent design movement vehemently do not believe in God as the creator, while others believe in God but believe the Biblical account is not accurate.

Those of us who accept the truth of the Bible are in agreement with many of the conclusions drawn by many in the intelligent design movement. We agree that there had to be intelligence behind the creation and development of the universe and of life. Where we disagree is that we accept the truth of the Word of God and the Biblical account of creation, but they do not.

Many in this movement do not try to determine who or what the designer is. Some say it simply is not important. In my own reading on this subject, I found a scarcity of information in their writing on who or what the intelligent designer is.

There are some who believe the earth itself has intelligence and directs the path of evolution. Others say it was outer space beings who were the designer. Most seem to simply avoid dealing with this issue.

**The heavens declare the glory of God;
the skies proclaim the work of his hands.
Day after day they pour forth speech;
night after night they display knowledge.
There is no speech or language
where their voice is not heard.
Their voice goes out into all the earth,
their words to the ends of the world.**

Psalm 19:1-4a (NIV)

Chapter Four

The Design and Complexity of a Living Cell

By faith we understand that the universe was formed at God's command, so that what is seen was not made out of what was visible. Hebrews 11:3 (NIV)

Hebrews 11:3 states that the things we see were not made from visible things. In other words, God created the earth out of nothing. Another application of this verse is that what we see is made from invisible things. All that exists is made out of atoms, which we cannot see. All life is made of tiny living cells which cannot be seen without magnification.

A cell is considered to be the basic unit of life. All life, from the simplest to the most complex is made up of living cells. Scientists say that in our human bodies there are some one hundred trillion cells.

In this part of our study, we will take a look at the design and complexity of a single cell.

For many years it was believed that a cell was a very simple structure. Charles Darwin thought that the first life formed as a “simple cell”. In my own college geology classes, cells were described in this way. I was taught that it would be a rather simple process for the right ingredients to inadvertently come together in some corner of an ocean and form a living cell.

However, as science has progressed, it is now known that a single cell is phenomenally complex. This is true of even the simplest cell.

Michael Denton, who is a committed evolutionist, described a cell in the following way: *“To grasp the reality of life as it is known today we must magnify a cell a thousand million times until it resembles a giant airship”. If we blow it up large enough to cover a great city like London or New York...what we would see would be an object of unparalleled complexity and adaptive design. On the surface we would see millions of openings like the portholes of a vast spaceship, opening and closing to allow a continual stream of materials to flow in and out. If we were to enter one of these openings we would find ourselves in a world of supreme technology and bewildering complexity.”*

Franklin M. Harold wrote, *“...we must concede that there are presently no detailed Darwinian accounts of the evolution of any biochemical or cellular system, only a variety of wishful speculations.”* The Way of the Cell: Molecules, Organisms and the Order of Life. Oxford University Press, New York, p. 205

There are many different kinds of cells. There are single cell organisms such as bacteria, and there are living beings (like us) that are made up of some one hundred trillion cells. Within our own body there are many different kinds of cells, each specializing in a particular job. A brain cell or a nerve cell is not the same as a skin cell. A heart cell is not the same as a liver cell. Every cell is specifically designed to do a certain kind of work. Put them all together and our bodies will function as they were designed to do. When cells function properly, the whole body is healthy.

Every living thing, including cells themselves, have to be self-sustaining, self-repairing, and self-reproducing. Man, in all his learning, cannot begin to create or build anything like this.

This study is not intended to deal with all the different kinds of cells, but rather to be a more generalized study of characteristics that are true of cells in general.

As we go through this section, remember that the cell itself is a tiny microscopic living thing. Yet the microscopic cell is made up of many, many parts that are much smaller than the cell itself.

All living cells, including the simplest of cells (mycoplasma), has to have each of the following parts, and they all have to be fully functioning for the cell to live and function. Each part has to be fully functioning or the cell could not live, do its work, and reproduce. Without any one of these parts, the cell would die. The very first living cell must also have had all of the following parts fully functioning when it came into existence, or it could not live and function and it could not pass life on to another cell.

The following descriptions are very simple descriptions of very complex parts of the cell that are necessary for the cell to function. The question we must answer is, “Are these complex cells designed by the Creator or are they the product of purely natural random chance?”.

1. Plasma membrane. This is the outside barrier that holds all the parts of the cell together. Without this membrane, the cell would come apart and scatter like a bucket of water dumped on the ground. It is in itself a complex structure that does much more than keeping the cell together.

Some key functions of the plasma membrane are as follows: It is involved in the import and export of chemicals through specialized channels. It allows materials that are needed by the cell to come in, and rejects all other material. It also allows the right proteins and other materials to leave the cell when it is signaled to do so. The membrane is involved in regulating the water content of the cell. The membrane is also involved in communication and signaling processes through specialized receptor proteins imbedded in the membrane.

Outside the cell membrane is the stuff in between the cells or the extracellular matrix or the glue that holds all the cells together.

2. Actin. Just as our body has a skeleton, the cell also has to have a structure or skeleton to give shape to the cell. This part of the cell is called the actin. Actins are the proteins involved in giving the cell its structure and shape. It is stiff enough to give shape to the cell, but, when necessary, it can still be flexible. It builds and structures itself following the blueprints or instructions given in the DNA. Actin is constructed in a two stranded helical rod that can be assembled at one end and disassembled at the other end.

Actin can also cause bulges in the cell which forms waves which assist in the locomotion of the cell.

3. A nucleus. A nucleus is the control center of the cell. It contains the DNA. It can be compared to the motherboard of a computer. A nucleus is the core of the cell where functions vital to the life of the cell are carried out.

The nucleus itself has a membrane with pores that keeps the DNA inside and protected. These pores determine what can go in and out of the nucleus and have access to the DNA.

4. *DNA*. All the cells in our body, except for the red blood cells, have DNA. The DNA contains the blueprint and instructions for every biological function in the cells themselves and in our entire body. The blueprint and operating instructions for our brain, our eyes, our ears, our heart and circulatory systems, our liver, our lungs, and every other part of our body, are in the DNA.

The DNA is a profoundly complex information storage system. One writer stated that it is equal to millions of interacting computers in every cell. Our genetic code is our software and our cells are constantly reading that genetic code.

The next chapter in this study will cover more information about DNA.

5. *RNA*. For the information in the DNA to be put to use, there has to be some means of reading the information and instructions given in the DNA. A blueprint doesn't do a lot of good without someone to read it and put its instructions into practice. To read the DNA there are molecules of mRNA which enter the nucleus through the pores in the membrane. They unravel the DNA double helix and find the part of the DNA which has the needed information. It then copies that information and then puts the DNA back together. It also repairs any of the DNA that may have been damaged for any reason. It then leaves the nucleus through the pores and returns to the cytoplasm to begin the process of building specialized proteins which will do the work that the cell needs to do.

6. *Cytoplasm*. The cytoplasm is the semi-fluid substance where all the inner components of the cell are located. It is in the space between the plasma membrane and the nucleus. The cytoplasm is where the bulk of the cell is. It is where the majority of the internal activities of the cell take place.

7. *Ribosomes*. The mRNA decodes and reads the DNA. Ribosomes in the cytoplasm then read and translate the information and put those instructions into practice by beginning the process of manufacturing proteins which will do the needed work.

The ribosomes read the information on the mRNA and then work together with other ribosomes to construct a specific and exact sequence of amino acids that is needed to create a certain kind of protein needed to perform a specific task within the cell. Proteins are the workhorse of the cell and ribosomes are the protein factories of all living cells. They read the genetic code, and use the information to produce many different kinds of proteins.

You have to have ribosomes to decode the DNA, but the instructions for the ribosomes themselves are in the DNA.

Thousands of ribosomes produce proteins at mind boggling speed and precision. There are thousands of different kinds of proteins in every cell. There is enough information in the DNA to make about 100 to 300 thousand proteins, and to regulate their production.

There are many different kinds of proteins for different functions within the body. A ribosome itself is composed of eighty-two different proteins. Ribosomes are made from the very proteins they manufacture.

Amino acids are the building blocks from which proteins are constructed. They are the most basic

building blocks of life. Proteins are linear chains of amino acids. Some proteins contain literally hundreds of amino acids that must be arranged in an exact order or the protein will not function correctly.

There are twenty different kinds of amino acid chains or letters. It takes three to four hundred amino acids to form a protein and the simplest forms of life have thousands of proteins. The arrangements of these amino acids determine what of kind protein will be formed. If they are not arranged correctly, the cell cannot function and would cease to exist.

All of this is done continually in each of the trillions of cells inside our bodies.

8. *Enzymes.* Another kind of proteins are enzymes. Enzymes allow or speed up chemical processes without being altered themselves. There are over two thousand enzymes in most living cells. The simplest cell must have at least 350 enzymes to work. Each enzyme is made of a very precise sequence of amino acids.

It is not easy to grasp the following statements and figures, but they all came from qualified research scientists. They have stated that one particular reaction necessary for DNA/RNA functions, without enzymes, would take well over a million years, and it would take a trillion years for a cell to reproduce itself. Enzymes speed the process up by 1 billion times. With the enzymes, the chemical reaction takes only a hundredth of a second.

9. *A cell must have an energy source.* There is activity and motion in a cell. That means that there has to be a source of energy for the cell. The energy producing part of the cell is called the mitochondria which is found in the cytoplasm.

In the membrane of the mitochondria, there is a tiny molecular motor which is about twenty nanometers long. One nanometer is one billionth of a meter long. This is the world's tiniest motor. The motor turns at about ten thousand revolutions per minute and every revolution produces three ATP (adenosine triphosphate) molecules which is the energy source for the cell. The cell makes and consumes about half its own weight in ATP every day.

ATP powers all biological processes. It is central to human nutrition. When we eat food, our digestive system breaks it down and it is then carried to every cell where this tiny molecular motor converts it to ATP.

This tiny motor is made from about five hundred sub units. It operates at nearly 100 percent efficiency.

10. *Workers (motor proteins) to distribute the protein and to do the work.* Kinesin are robots that transfer matter around the cell. They have two legs, a body, and two arms. Kinesin carry cargo, or vesical, which is a package of protein. It is astounding to watch realistic computer animations of this process. In some ways they look like little people. They walk along prepared roadways with huge loads of proteins, and deliver the load to the predetermined destinations. They get their energy from the ATP motor. Every plant and animal cell has these kinesin or workers.

The roadways traveled by these workers are called microtubules. These microtubules literally form a

highway system within the cell to make the work of the cells possible.

11. A means of expelling waste products. Lysosomes are parts of the cell that contain digestive enzymes that help break down various materials that are waste products. They break down debris and waste products and eliminate them. This includes the bacteria and viruses that have been taken out by the immune system.

12. Reproduction. A living cell must have a means of reproduction. As all animals and plants must reproduce, so also individual cells must reproduce so the plant or animal itself will not die. If a cell cannot accurately and efficiently reproduce itself, all life would soon die out. The DNA also must be duplicated and pass its information to the next generation of cells when they reproduce.

If a cell could accidentally happen, the very first living cell would have had to be able to reproduce itself. If a cell could come to life all by itself, it would not be around long if it could not replicate itself. For a second, think about a factory. We can build factories that make things, but we cannot build a factory that divides itself and makes two factories and then divides itself again and makes four factories. Yet that is an illustration of what the very first living cell would have had to do.

This process of cell division and reproduction is, in itself, an extremely complicated process. It is not within the scope or purpose of this study to try to explain all that goes on in this process. One reason is because I don't understand it all myself, and a second reason is that I would like to keep this study accurate, simple, and short.

13. Communication system. Interactome is a system used by the cell for internal communication. Proteins, RNA, and DNA stay in constant communication with each other. The cells themselves have to communicate with other cells working together in the same system.

14. A means of propelling itself. At one end of bacteria cells, and in some other cells, there is a rotating whip-like structure used by the cell to guide and propel itself through its environment. This is called the flagellum.

The structure of the flagellum will vary depending on the cell type. The following description is taken from a chapter describing bacteria. It is called a bacterial flagellum. Not all cells have this feature.

This whip-like structure is embedded on the outside of the cell and powered by a miniature motor that has some features that are similar to modern electric motors. The flagellum motor is capable of amazing action such as instant starting, stopping, and reversing. Modern science cannot even begin to duplicate this motor. It is considered to be essentially one hundred percent efficient when operating at cruising speed, which is comparable to a six-foot-tall human being swimming at sixty miles an hour. It has been described by secular scientists as the most efficient machine in the universe.

This tiny motor has many different parts. All the parts have to exist and be in place or it cannot function. It has been compared to an outboard motor. Evolutionists have a very hard time trying to explain how the flagellum could evolve or happen by pure chance or random mutations. This is a severe challenge to natural selection. Not only is the structure complex, but it has to be assembled in

exactly the right order. The parts of the motor have to be exactly the right size. All parts have to exist and be in place before the motor can function.

Each part is itself made up of different components.

The blueprint for the flagellum is in the DNA. This blueprint is followed when a cell reproduces and produces a new flagellum. The question evolutionists cannot answer is, "Who programmed the DNA?". It is beyond imagination and logic to believe that it happened by chance.

The descriptions given in this study of the parts of a cell are all very simplified explanations of very complex ingredients of a cell. Even going by these simple explanations, the cell screams design. It defies logic and is unscientific to simply say that the first cell just accidentally came together and came to life by spontaneous generation and random chance.

All of the parts of a cell need be in place or a cell could not exist or live. You cannot say the first cell was the product of natural selection. Natural selection works only with living things. It cannot explain how non-living chemicals and other substances changed into a complex living cell.

Evolution can only appeal to time and chance (and luck). They try to say that given enough time anything will happen. They believe time itself performs miracles. This is not science; in fact it is pure nonsense. They cannot come close or even begin to give a logical scientific explanation for the existence of the first cell.

The best they can do is to say something like----all the ingredients came together by chance in some primordial soupy pond and possibly was struck by lightning and it came to life.

Even if all the ingredients for a cell and for life were all together in some primordial soupy pond, that would not mean that a cell would form. All the ingredients would have to be come together in very precise order and amounts. The cell has to be arranged in very precise order. All the parts have to be the right size or they will not function. Even if all of this somehow could happen, it does not mean that the parts all came to life. A fundamental law of nature is that it takes life to produce more life. Life does not come into being all by itself by accident.

If you wanted to build a house, you could select a site, and buy all the parts, such as ply wood, 2x4's, shingles, furnace, tile, appliances, sheet rock, wire, pipes, duct work, etc., etc. If you had all the necessary parts delivered to the building site, is the house ready to be moved into? If you waited for a billion years, would the house come together by chance??? Obviously, you have to have a blueprint and a builder. Just as the house would never come together by chance without a builder, so the non-living parts of an extremely complex cell would never accidentally come together by chance and come to life by itself. There also has to be a designer and a builder. There has to be an order of building in which the house is built. You can't install the electrical system until the walls are built. You can't put the floor joists in until the foundation is done. There is also order in a simple cell.

Many evolutionists believe that perhaps a lightning strike created the energy necessary for a cell to form and come to life. I have personally, more than once, seen the destruction that resulted from lightning, but I have never heard of lightning creating life and order. Nobody else has either!!!

If I took a one-thousand-piece Lego set and put it in a large basket and began to shake it, how long would it be before the Lego set would form a well-formed house without any outside help?

Jonathan Safratti, a very well qualified scientist, made the following comparison. He stated that banks consider a four digit pin number for a bank card to be safe. A person has three chances in 10,000 of guessing it right the first try. He compared the chances of a cell forming by itself would be the same as guessing a 5000 digit pin number the first time.

Another scientist stated that the odds of a single protein forming by itself are about one in 10 followed by 185 zeros. To get a small grasp of the size of this number, 10 to the 80th power equals the number of atoms in the entire universe.

Listen to what some evolutionists have said:

Dr. Klaus Dose -- *"More than 30 years of experimentation on the origin of life in the fields of chemical and molecular evolution have led to a better perception of the immensity of the problem of the origin of life on earth rather than to its solution. At present, all discussions on principle theories and experiments in the field either end in stalemate or in a confession of ignorance."*

Leslie E. Orgel -- *"It is extremely improbable that proteins and nucleic acids, both of which are extremely complex arose spontaneously in the same place at the same time. Yet it seems impossible to have one without the other. And so, at first glance, one might have to conclude that life could never, in fact, have originated by chemical means."*

Charles Darwin -- *"If it could be demonstrated that any complex organ existed, which could not possibly have been formed by numerous, successive, slight modifications, my theory would absolutely break down."*

Chapter Five

DNA and Information

DNA is the molecule containing the genetic instructions used in the development and functioning of all living organisms.

Every living organism has DNA. Every one of the trillions of cells in our body, except for the red blood cells, has DNA. It is the blueprint or the instructions on how to make us. The DNA blueprint in every living organism is specific for that kind of life. This is true whether it is a goat, an elephant, a jellyfish, an eggplant, a rose, a human, or whatever life form it is.

Every form of life, including plants, has DNA. The chemistry of all DNA is the same for all life -- plants, insects, animals, fish, etc. The uniqueness of each DNA lies in the information it contains.

The DNA not only determines the kind of organism it is, it also determines the function of each of the many different kinds of individual cells in a living body.

All of the information for every part of us--such as our brain, our eyes, ears, heart, circulatory system, digestive system, and every other part of us--is in the DNA of every cell in our body.

There is a staggering amount of information in every DNA molecule. Dr Werner Gitt, one of the world's leading experts on information systems, stated that the DNA in every cell is equal to about 1,000 encyclopedia sized books of information. If you had a pin head covered with DNA it would take a stack of paperback books from here to the sun (or 500 times to the moon) to contain the same amount of information. It would take a stack of CD's 1000 miles high to contain this much information. A pinhead of DNA would store a hundred million times as much information as a computer with a 40-gigabyte hard drive.

The DNA molecule is the most complex and densely packed information storage mechanism in the known universe. Bill Gates said, "*Human DNA is like a computer program but far, far more advanced than any software we've ever created*". According to microbiologists, the DNA is like thousands of interacting computers in every cell. They share and transfer information. There are different operating systems and different languages involved.

All of the genetic information in an organism is known as the genome. The genome is a multi-dimensional operating system for an ultra-complex biological computer, with built-in error correcting and self-modification codes. The genome is the most complex computer operating system in existence. Our genetic code is the software and our cells are constantly reading that genetic code.

A mycoplasma is one of the simplest of cells, yet it has 482 genes and 580,000 DNA letters. In human cells there are about 20 to 25 thousand DNA genes, and about 3.3 billion DNA letters. DNA genes are packed together into larger units called chromosomes. The DNA chromosomes are in the nucleus of the cell.

In order for the information in the DNA to be used, there has to be some kind of a system to read the DNA codes and then put those codes into practice.

To accomplish this, there are what is known as messenger RNA (mRNA). The mRNA genes live in the

cytoplasm which is the semi-fluid substance where all the inner components of the cell are located. The mRNA enters the nucleus where the DNA stays, separates the double stranded DNA helix, then reads or decodes the information being sought, and then it reassembles the DNA. The mRNA is a temporary copy of the DNA or a transcription of the DNA. The RNA also fixes any damage that may have been done to the DNA. The mRNA then exists the nucleus of the cell.

Ribosomes then read the mRNA and translate the information into the protein manufacturing process described in the previous chapter. Proteins are the workhorse of the cell. About two percent of the DNA are codes for making proteins. There is enough information in the DNA to make about 100 to 300 thousand proteins, and to regulate their production.

In this same way, the mRNA copies all the information on the DNA when the cell reproduces to pass on the information to the next generation of cells.

If only two percent of the DNA are codes for making protein, then what are the other ninety-eight percent? For many years many secular scientists and evolutionists called this “junk DNA”. It was supposedly left over “junk” from past evolutionary changes or mutations. They believed that it was no longer needed as evolutionary mutations developed new DNA and the old DNA became obsolete. As research has continued and knowledge has expanded, it is now well known that this is far from being true. They are realizing that all the DNA has a purpose and a function. It is not left-over junk.

Essentially all scientists agree that DNA information is the foundation of life. All forms of life must have DNA for that life form to exist. There is no life without DNA. The question of where the information in the DNA came from is a question secular scientist cannot answer. The question of what is the source of the information in the DNA is, according to many scientists, the most pressing issue in science today.

DNA cannot exist in anything non-living. For life to form by random chance, the DNA would also have had to form by random chance. The odds against this make this impossible, no matter how many billions of years one claims. This is a huge problem for secular science.

Natural selection cannot be used to explain the origin of DNA information. Natural selection only works in living reproducing organisms. DNA has to be in place before natural selection can function. Natural selection is directed by the DNA; therefore, the DNA has to precede natural selection.

DNA information had to be in place before a living cell could exist. Without this information, the cell could not live or exist. Information does not evolve. DNA information is not matter and it is not energy.

For complex information to exist and be useful, there must be an intelligent source of information, and the information must be given in an understandable code, and there must be an intelligent knowledgeable recipient of the information.

Information is not matter and it is not energy. Evolution requires that a vast amount of information and an extremely complex coding system all originated from non-intelligent non-living sources. This is impossible. Anyone who disagrees must be able to explain and prove that extremely complex codes of information can spontaneously form from purely non-living material sources. The complex DNA information does not happen by chance or by accident.

Even if all the ingredients for the material existence of DNA were on the same spot on earth, it does not mean that the DNA would form, and it certainly does not mean that the non-living matter would program itself with the information in the DNA. You must have an intelligent information programmer and a decoder or reader.

For DNA to work you must have a programmer and a reader. Just having a bottle of ink and a ream of paper does not pass on any coded information. Information has to be written down on the paper in a language understood by the reader. It is not the paper and ink that pass on information; it is the arrangement of ink on the paper that makes it informative. For information to be passed on, someone has to write the book and someone has to read the book. In the same way, someone has to program the information in the DNA and there has to be a reader.

There can be no new information without an intelligent sender. Information is absolutely necessary for life, including the first living cell; yet, that information is horrendously complex. Where did that information come from?

Apart from our all-powerful, all knowing God, there is no realistic way of explaining the origin of information in DNA.

If someone came and asked you to build a rocket and fly it to the moon, would you be able to do it without any instructions? In the same way, a cell needs instructions in how to function. To build a moon rocket you would need detailed blueprints and instructions, trained workmen, and many parts from which to assemble your rocket. If you had 14 billion years, the blueprints for a moon rocket would not form by random chance, and the parts would not accidentally come into being and they would not assemble themselves by accident. Even if it did happen, the rocket would not fly to the moon by random chance.

For information to be useful, there must be a known language, a known code, and a means of communicating that information. All are needed -- you cannot have any of them without the others. All are all required for life, and all of them can only originate from an intelligent source.

The origin of DNA is “the most pressing question in science”. The “Origin of Life Foundation” has offered 1 million dollars to anyone who can credibly answer this question.

Conclusions (from Dr. Werner Gitt and others)

1. Since the DNA contains vast amounts of information, there must be a sender.
2. Since the DNA is billions of times greater than man’s present technology, we must conclude that the sender must be supremely intelligent.
3. Complex codes of information cannot originate from non-living non-thinking material by random processes.
4. The sender must also have constructed the biomachines (DNA genes and molecules) necessary to store, to send, and to receive the information.
5. The sender must not only be extremely intelligent but he must also be very powerful.
6. The sender must have designed all the life forms whose information is in the DNA.
7. The existence of complex codes of information prove the existence of a living intelligent and powerful being.

The Bible says this creator and sender is God. DNA demonstrates the intelligence of God. Genetics is a powerful ally of Creationists.

Professor Paul Davies in "New Scientist" (September.1999) wrote, *"How did stupid atoms write their own software...? Nobody knows... There is no known law of physics able to create information from nothing."* He also wrote, ...*"Nobody knows how a mixture of lifeless chemicals spontaneously organized themselves into the first living cell."*

Richard Lewontin -- *"It is not the methods and institutions of science that compel us to accept a material explanation of the phenomenal world, but on the contrary, that we are forced by our a priori adherence to material causes to create an apparatus of investigation and a set of concepts that produce material explanations, no matter how counterintuitive, no matter how mystifying to the uninitiated, moreover that materialism is absolute, for we cannot allow a Divine foot in the door."*

George Wald, Harvard University Nobel Laureate – *"I do not want to believe in God; therefore, I choose to believe in that which I know is scientifically impossible: spontaneous generation arising to evolution."*

Francis Crick – *"Biologists must constantly keep in mind that what they see was not designed but evolved."*

DNA is not the product of random chance but rather it was created by our all-knowing, all powerful God, who has revealed Himself to us in the Word of God, the Bible.

How Did Life Begin?

A fundamental law of nature is that it takes life to produce life. No one has ever observed an exception to this. All of us have seen new born children, animals, and insects. They all came from living parents. A law of nature is a precise statement based on discoveries through observation and experimentation that have been repeatedly verified and never contradicted. They are universally valid and they do not vary with time. There are no exceptions.

Evolutionists have spent a tremendous amount of time and money trying to show how life could have begun by spontaneous generation from non-living chemicals and other materials. Scientists have spent many millions of dollars attempting to produce life in a laboratory, but they have never been able to do so.

Even if they should happen to produce life in a laboratory, it would only demonstrate that it takes a tremendous amount of resources, intelligence, and a controlled setting to produce life. It would hardly be spontaneous generation.

There are really only two possible answers to the question, "How did life on earth begin?". They are:

1. All life was created by God.

God created man in His own image, in the image of God He created him; male and female He created them. Genesis 1:27 (NASB)

Then the LORD God formed man of dust from the ground, and breathed into his nostrils the breath of life; and man became a living being. Genesis 2:7 (NASB)

Then the LORD God said, "It is not good for the man to be alone; I will make him a helper suitable for him." Genesis 2:18 (NASB)

So the LORD God caused a deep sleep to fall upon the man, and he slept; then He took one of his ribs and closed up the flesh at that place. 22 The LORD God fashioned into a woman the rib which He had taken from the man, and brought her to the man. 23 The man said,

**"This is now bone of my bones,
And flesh of my flesh;
She shall be called Woman ,
Because she was taken out of Man**
Genesis 2:21-23 (NASB)

2. Those who do not believe in a creation by God have to believe that life began by purely natural spontaneous generation from non-living chemicals and other materials. The materials needed for life all came together and for some unknown reason, they came to life.

Science or philosophy can offer no other explanations. If God did not create life, then life had to have been formed by chance or spontaneous generation from non-living materials. This concept is often referred to as chemical evolution.

It is clear that this second answer violates the law of nature which states that it takes life to produce life.

Some will argue that how life began is not a part of the study of evolution. However, for life to evolve from “simple” cells, there has to be life to begin with. Evolutionists have to have some kind of an answer to this question for their beliefs to appear credible. Therefore, the origin of life has to be a part of the overall theory of evolution. Either way, those who reject a creator have to try, in one way or another, to explain how life began.

If the universe and the first kinds of life were not a creative act of God, then we have to go back even further and ask how the chemicals and other materials necessary for life came into being. How did the big bang produce chemicals or elements that are highly complex in and of themselves? What natural forces brought them all together? These are huge problems for evolutionists to try to answer.

Many believe that life resulted from a random meeting of the right chemicals in some primordial soupy pond. However, water destroys chemical reactions necessary to form proteins or DNA. If a chemist wants to experiment with chemical reactions, he certainly does not go underwater to do it.

Natural selection cannot be their answer because there must be life before natural selection can work. Natural selection only works with living things, not on non-living chemicals.

Not only must all of the right components come together, they must be in exactly the right amounts, and they must arrange themselves in the extremely complex organization that characterizes a single “simple” cell, and they must come together in the right order.

For a moment think about a jet airplane. If you had all the parts for a Boeing 747 jet in front of you in a big pile, you could certainly not jump into the middle of the pile of parts and expect them to fly you to Paris. All of the parts have to be put together correctly or it will not fly. Not only must there be the right components, but they must be sized and organized correctly. The same is true of a cell. Not only must the exact components be present, there has to be the right amount and they have to be correctly organized and assembled or the cell could not work.

In chapter four we looked at the complexity of a single cell. In chapter five we looked at the staggering complexity of DNA. To deny that God is the creator is to believe that all of this came into being by pure random chance, and that it accidentally correctly programmed extremely complex information into itself. Then it somehow came to life, reproduced, and then evolved into us.

There had to be someone or something to organize and program the complex data in the DNA of the first cell. Just having the right materials in the same place does not program the complex information in the DNA that is necessary for life. Having an empty notebook and a bottle of ink does not create a coding system and it does not convey any information.

Suppose you took a young frog (don’t do this) and put him in a blender full of stagnant water and then turned the blender on and pureed the little fellow. Then you took the mixture and dumped it into a soupy pond somewhere. In that pond there are now all the ingredients necessary for life. Even though there are far more components of life than in any real primordial soup, how long do you think it would

be before the various parts of the frog reassembled themselves and the frog jumped back out of the pond?

A few years back there was a very highly publicized experiment known as the Miller-Urey experiment. In this experiment, after spending several million dollars and working for several years, they were able to create a few amino acids in a glass chamber in a laboratory after being shocked by a jolt of electricity. This was widely hailed as proof that life could evolve by itself from non-living chemicals. What they did not say was that the amino acids were not the amino acids that are needed for life, and that the atmosphere created in the glass chamber was not the same as the earth's early atmosphere, and that those amino acids could not form into proteins. Many other scientists tried to improve on what the Miller-Urey experiment had done. However, even though many very intelligent scientists continued to spend many millions of dollars, they were never able to show how life could have come from non-living matter.

Even if they did somehow artificially produce life, it would simply prove that it takes millions of dollars, a well-equipped laboratory, and intelligent minds at work to produce it. It would hardly show that life could spontaneously evolve by chance, all by itself, in some primordial soupy pond.

The truth is that chemistry, genetics, physics, probability, and information theory all argue against the spontaneous origin of life.

Evolutionists cannot appeal to mutations or natural selection to explain the beginning of life since life itself did not yet exist. Natural selection does not work with dead things. DNA has to exist and be programmed before it can mutate.

There are some who suggest that life began as a result of outer space aliens planting life on earth, or that a meteorite with life on it collided with the earth and accidentally planted life on earth. However, this does not resolve the issue. If we are the product of aliens planting life on earth, then we must ask, "How did alien life begin?". That puts us right back where we started. To believe that life was planted here by aliens is, in reality, an admission that it takes intelligence to produce life.

Fred Hoyle, an atheist and astronomer, wrote in "Nature" magazine, *"The chance that higher life forms might have emerged this way (chemical evolution) is comparable with the chance that a tornado sweeping through a junk yard might assemble a Boeing 747 from the materials therein."*

"I do not want to believe in God; therefore I choose to believe in that which I know is scientifically impossible: spontaneous generation arising to evolution".

George Wald, Harvard University, Nobel Laureate

"Even if all the data point to an intelligent designer, such an hypothesis is excluded from science because it is not naturalistic." Scott Todd, Kansas State University, 1999.

What this professor is saying is that even if all the evidence points toward a designer of life, they still will not believe it.

H.P. Yockey, in the "Journal of Theoretical Biology" wrote, *"One must conclude that, contrary to the established and current wisdom a scenario describing the genesis of life on earth by chance and natural causes which can be accepted on the basis of fact and not faith has not yet been written."*

Here Mr. Yocey is admitting that their belief is based on faith, rather than on scientific facts. Their faith is in chance, luck, and long time periods.

Many have argued something like, “We are here, aren’t we? Therefore, spontaneous generation must have happened.”. They believe that given enough time, anything will happen. Time and chance are the cores of their belief.

According to Jonathan Saffratti, the chances of guessing a four digit pin number right is about 3 in 10,000. Banks consider a four digit pin number to be a safe number. The chances of a cell forming by itself is about the same as guessing a 3,000 digit pin number correctly on the first guess.

A major problem is how, when no life existed, did substances come into existence that are absolutely necessary for life when they can only be formed by those living things. An example of this is the process of photosynthesis.

I read one article supporting the spontaneous generation of life that suggested each of the following possibilities relating to the origin of life. None of them deal with the real issues of how non-living materials could become a complex living cell with DNA and all of its information. The following are all ideas that were suggested:

1. Somewhere on earth, close to 4 billion years ago, a set of molecular reactions flipped a switch and life began.
2. The ingredients for life all came together in a primordial soupy pond.
3. Mineral crystals in clay could have organized organic molecules into organized patterns. After a while, organic molecules took over this job and continued to organize themselves.
4. Deep sea hydrothermal vents spewed out hydrogen rich molecules and the surrounding rocky nooks concentrated the right molecules together to form living cells.
5. Ice covered oceans could have protected organic chemicals, which allowed key reactions to occur.
6. RNA developed first and was responsible for developing the first cell.
7. Instead of RNA, life began when much simpler molecules began interacting with each other.
8. Life came to earth on meteorites from outer space.
9. Life was planted on earth by aliens from outer space.

To defend evolution, secular science puts their faith in natural selection, mutations and blind chance. However, when it comes to the origin of life, they have little or nothing to put their faith in. As we have already stated, it takes far more faith to be an evolutionist than it takes to believe in the Biblical Creator.

The LORD by wisdom founded the earth, by understanding He established the heavens.
Proverbs 3:19 (NASB)

And God said, "Let the land produce living creatures according to their kinds: livestock, creatures that move along the ground, and wild animals, each according to its kind." And it was so. 25 God made the wild animals according to their kinds, the livestock according to their kinds, and all the creatures that move along the ground according to their kinds. And God saw that it was good. Genesis 1:24-25 (NIV)

God not only gives us physical life; He also gives eternal life to those who choose to believe in Him.

But as many as received Him, to them He gave the right to become children of God, even to those who believe in His name, John 1:12 (NASB)

"For God so loved the world, that He gave His only begotten Son, that whoever believes in Him shall not perish, but have eternal life. John 3:16 (NASB)

Therefore if anyone is in Christ, he is a new creature; the old things passed away; behold, new things have come. 2 Corinthians 5:17 (NASB)

Chapter Seven

Living Things and Irreducible Complexity

For you created my inmost being; you knit me together in my mother's womb. I praise you because I am fearfully and wonderfully made;... Psalm 139:13-14a (NIV)

All things were made by him; and without him was not anything made that was made.
John 1:3 (KJV)

In chapter one of this study, we were introduced to the concept of irreducible complexity. Irreducible complexity is simply the concept that for a living system to function, all its individual parts need to be in place, fully developed, and fully functional. In any complex living system such as a cell, or any complex part of a living being such as a heart, a lung, a brain, an eye or an ear, if any of the parts are not fully formed and functional, the whole system will be impaired or often it would be unable to function at all.

A simple illustration of this is an ordinary mousetrap. An ordinary mousetrap only has five parts and if any of the parts are missing, it will not work.

In biology, irreducible complexity can apply to a molecule, an organ, or a living system in which all the parts are present and working together as designed or nothing functions normally.

Evolutionists believe and teach that all complex life forms developed by very slow gradual changes or mutations that were initiated by natural selection. Each step in the development had to provide some edge for survival and then be passed on to all its offspring so that they too would be better able to survive.

This raises a big question. How would life forms survive and thrive if its individual systems, such as nervous systems, circulatory systems, reproductive systems, and many other complex systems, were in an early stage of development and not yet fully operational? A half-formed heart that is not fully operational would not keep a living creature alive, let alone give it a survival advantage. Each system has to be fully developed for the living creature to be alive and healthy and to have a survival edge over its competitors.

What are the odds that all the complex systems in a living creature would evolve and become operational all at the same time? Or did they evolve at different times? It would do little good to have a fully functioning heart, liver, and brain if our lungs were not yet fully developed and operational.

Evolution teaches that if you don't use it, you lose it. According to natural selection, if a living organism had only a partially formed heart, the heart would be eliminated since it would not provide a survival advantage to the animal. Natural selection can only pass on what is beneficial.

Yale University paleontologist, Elizabeth Vrba, stated, "*Organisms are so complex that it is very hard to change one aspect without wrecking everything else*".

The parts of living systems follow the blue print given in the DNA. The DNA gives instruction for how the parts for a system are to be made, what size they should be, and in what order they are to be assembled. For a system to evolve or change, the DNA has to be reprogrammed. One mutation will

not reprogram the DNA and cause a system to increase in complexity. If any of this goes wrong, the system will not function right and, according to natural selection, it would be eliminated.

Complex systems demand intelligence. Could a tornado assemble the parts to a Boeing 747 jet -- even if all the right sized parts were there? To build a simple house requires intelligence and planning; yet, living things are far, far more complex than any building or mechanical structure such as a plane.

Charles Darwin said, "*Natural selection is scrutinizing the slightest variations, rejecting those that are bad, preserving and adding up all that are good.*".

Notice the words "scrutinizing", "rejecting", and "adding up". These words clearly imply intelligence. Does nature have the ability to think, or to scrutinize, reject, and to add up?

Charles Darwin had absolutely no idea of how complex living systems are, but he still recognized that it could be a problem. Darwin also stated, "*If it could be demonstrated that any complex organ existed which could not possibly have been formed by numerous successive slight modifications, my theory (evolution) would absolutely break down.*".

In this statement Darwin was absolutely right and, in reality, what he feared has been shown to be true many times over.

In this chapter we will take a very brief look at several complex features of living things. As we go through each of these, ask yourself, "Could this be the result of chance or is it more reasonable to believe that it has been created by an intelligent designer?"

These descriptions will be very brief and simple. In reality, I could hardly begin to adequately describe the complex features that we will briefly look at.

A. Eyes

In our eyes, the iris prevents light from entering the eye except through the pupil. The pupil expands and contracts to adjust to bright or dim light situations and determines how much light enters the eyes. The cornea and the lens work together to focus the image on the back of the eye. The cornea is clear without any blood vessels to obscure the light which must pass through it. It has its own nutrient system which is not dependent on blood vessels to supply food or oxygen. Light is focused on a single point in the back of the eye. The retina transforms the light into electrical impulses which are sent to the brain. The retina itself is a complex organism which transfers information from the eye to the brain.

Science cannot begin to duplicate a human eye. Listen to what some have said about the eye.

According to John K. Stephens in "Byte" magazine, "*It would take a minimum of one hundred years of processing time on a super computer to simulate what takes place in your eye many times every second. The information conveyed to the brain by the eyes would overload the world's fastest computers.*".

"*The basic building blocks of human eyesight turn out to be practically perfect. Photoreceptors operate at the outermost boundary allowed by the laws of physics...which means they are as good as they can be. The system couldn't get faster, more sensitive or more efficient without first relocation to an alternate universe with alternate physical constants.*" Natalie Angier "Seeing the Natural World

With a Physicist's Lens", "The New York Times". Posted on NyTimes.com, November 1, 2010.

Sir S. Duke-Elder, who has written extensively on the eye, wrote in "The Eye and Evolution", *"It would seem therefore, that despite the considerable amount of thought expended on the question, the emergence of the vertebrate eye...is a problem yet unsolved."* He went on to say that there was little likelihood of ever finding a pragmatic answer to how an eye could possibly evolve.

B. Ears

This explanation of the ear is so simple it is ridiculous. The ear, like the eye, is complex beyond our understanding, and could not possibly be adequately described in a non-technical study such as this.

Sound is compressed air or air pressure. Ears are very sensitive to changes in air pressure and convert these vibrations into electrical impulses which are then transmitted to the brain. The ear drum is so sensitive it can detect the difference in air pressure from standing on something as thin as a piece of paper.

There are three compartments in the ear. The outer ear, the middle ear which has three tiny bones, and the inner ear which is liquid. In the middle ear, the sound is conducted from the eardrum through the three tiny bones. The eardrum moves less than the width of a hydrogen molecule, which is one of the smallest molecules. Yet, these three tiny bones respond to this movement in the eardrum and through "mechanical vibrations" carry the information to the inner ear. These three tiny bones in the middle ear increase the efficiency of the sound. In the inner ear, sound is conducted through fluid and converts the mechanical vibrations into electrical impulses and transmits them to the brain.

The hearing ear and the seeing eye, the Lord has made them both. Proverbs 20:12 (ESV)

C. The Brain

The brain has often been compared to super computers for its amazing ability to process, store and route information. However, recent studies have shown that just one of the brain's trillions of connections far surpasses any modern computer. The brain is considered to be the most complex information processing and storage system in the known universe.

D. Our Reproductive System

The whole fertilization process and the development of a baby in the womb is an amazing complex process that cannot be explained by simply saying, "It evolved.", and then making up pictures to show how it supposedly happened.

In some ways this is the most difficult of all for an evolutionist to realistically explain. We all know that the bodies of men and women are not the same and it takes a male and female to produce offspring. This is true of nearly all life forms except for a very few unisexual forms of life.

If evolution is true, then essentially all living animals--insects, fish, amphibians, reptiles, and others--

had to evolve along two parallel paths. Males and females had to evolve independently of each other; yet, at each evolutionary stage they would have had to be compatible in order to reproduce and bear offspring. In any kind of life form, if either the male or female evolved in such a way as to be incompatible with the other and thus be unable to reproduce, then that form of life would die out.

When a baby is born, it has to change from a life designed to live in water (in the amniotic sac) to a system in which the baby breaths air. This is a complex process and it has to happen in about a minute or less, or the baby will die.

That could be compared to taking a fish out of the water and expecting it to become an air breather in one minute. Yet, God designed this to happen every time a human or animal baby is born.

E. The Rest of Us

Our eyes, ears, reproductive systems and our brain are only four of the immensely complex systems in our bodies.

The heart and circulatory system, our nervous system, our skeletal system, our respiratory system, our digestive system, our immune system, and others all must have essentially all parts in place and fully functioning or our bodies will not function well and, in most cases, we could not even live. Each system is irreducibly complex. If any key part is not fully developed, the whole system will not function. Can all this really happen by chance?

For you created my inmost being; you knit me together in my mother's womb. I praise you because I am fearfully and wonderfully made; ... Psalm 139:13-14a (NIV)

Obviously, human bodies are not the only life with complex systems. Following are a few of the many, many examples of complex features of various life forms. Each of these, and many other examples, all defy evolution.

F. The Bombardier Beetle

The little bombardier beetle shoots out explosive toxic chemicals to defend itself. It has a firing chamber that shoots a toxic mixture of chemicals out of twin tail tubes at any other bug or other creature that threatens it. If this process were not finely tuned, the beetle could literally blow itself up. All of the parts of this whole system have to be finely tuned or it would not work, and the beetle would have no defense system.

G. A Giraffe

A bull giraffe's head is about eighteen feet from the ground when it is standing up. It has a huge heart, up to two feet long, to enable it to pump blood that high. However, when the giraffe bends down to drink, his huge heart is pumping with gravity, not against it. With his head down, like when it drinks water, the powerful heart has enough force to rupture the giraffe's brains. However, the giraffe has check valves in the arteries in his neck and a sponge like material at the base of his brain that absorbs

blood when his head is down. This protects the brain from bursting when the giraffe's head is down. He also has check valves in the veins of his neck so he can raise his head quickly if needed.

H. A Woodpecker

In between the beak and skull of a wood pecker is a material that acts as a shock absorber to soften the effects of continual hard pecking. Its tongue is about six inches long and is barbed on the end to enable it to stab a bug. Glue keeps the bug in place until the bug is in his mouth, and then a solvent dissolves the glue so the woodpecker can swallow the bug.

I. The Duck-billed Platypus

The duck-billed platypus uses electrical impulses to find shrimp to eat.

J. A Gecko Lizard's Feet

The feet of a Gecko lizard have tiny tufts of hair with tiny suction cups that are less than a millionth of an inch across. These suction cups on his feet enable it to walk upside down on very slick smooth surfaces. These suction cups have to be magnified 35,000 times to even be seen. As he walks, a Gecko will curl his toes to keep from being permanently attached to the surface he is walking on.

K. The Pacific Golden Plover Bird

The migration route and habits of the Pacific Golden Plover bird are amazing. This bird only weighs about eight ounces. It has its chicks in northern Alaska, then migrates about three thousand miles over open water to Hawaii, leaving its chicks behind in Alaska. On this 3,000-mile trip, the eight ounce bird is over water and does not stop to rest or eat. The chicks, still in Alaska, eat and grow and when they are only a few months old, they too fly the 3,000 miles to Hawaii and join their parents. Even if they get caught in a storm and are blown many miles off course, these young birds, who have never migrated before, still find the exact location of their parents and join them.

L. The Firefly

The light on a fire fly or a glow worm is not hot so none of the light energy is wasted as heat. It is essentially one hundred percent efficient. Science does not understand and cannot duplicate this light. This light is used for a variety of purposes, including communicating by using sequences of their flashing lights.

M. A Hummingbird

A hummingbird is the smallest bird in the world. They are only about two or three inches long and weigh only a few ounces. They can fly forward, backward, sideways, straight up or down and they can

hover. Their wings beat up to two hundred times a second. They use a tremendous amount of energy while they are flying, but at night their bodily systems essentially shut down to conserve energy. Some humming birds migrate about five hundred miles over open water without resting or landing.

N. Bees

Honey bees do a “wobble dance” to communicate to other bees the location of nectar. When a new hive site is discovered, there is a completely different kind of dance performed. One source stated that bees have airspeed gauges, gyroscopes, compasses, and more, which result in precision flying and navigation. They use an “optic flow” landing system that enables them to land hundreds of times a day. Making honey is a complex process in and of itself. The bee has 60,000 smell receptors on its antenna. It takes about 300 honeybees to make one pound of honey and involves a total flying distance equal to twice around the world. All of this ability, yet the bee’s brain is smaller than a sesame seed.

O. Penguins

Penguins live in some of the coldest most forbidding weather in the world. In Antarctica, the male penguins incubate the eggs on the top of their feet for over two months without eating, while the females walk some twenty to forty miles or more to the ocean and feed for about two and a half months. The males sit on the eggs while keeping the eggs on their feet, to keep the egg from freezing on the ground. The egg is kept at a temperature of 95 degrees. The females store up food and then return from the ocean to feed the chicks within a day of when the chicks are hatched.

P. Other Complex Life Forms

The fishing techniques, the pressure adjusting system, and the communication systems of whales.

The flying ability of a dragon fly. Like a humming bird, they can fly forward, backward, sideways, or up or down.

The metamorphic process of a butterfly changing from an egg to a caterpillar, to a pupa, and then to a butterfly. A butterfly’s DNA has all the information needed for each of these stages of life.

Some butterflies migrate about 2,500 miles from Canada to Mexico.

Sparrows adjusting individual feathers to fly through very tight places, including chain link fences.

Mussels which lay their eggs in the mouth of a fish.

The cuttle fish which can, in a couple of seconds, change into many different colors and textures to mimic their environment in order to disguise or to protect themselves.

As a defense and hunting mechanism, the Mimic Octopus imitates the shape, posture, behavior, and even the texture and color, of some fifteen other sea creatures. They mimic venomous sea creatures such as the banded sole, jellyfish, sea snake, lion fish, sting rays, sand anemones, and crabs and mantis

shrimp. These imitations are done with amazing accuracy, all of which enable the mimic Octopus to survive.

We have an amazing Creator. He did not put us in a dull uneventful world. As believers, we understand and appreciate that and praise Him for the earth He has created for us.

For since the creation of the world His invisible attributes, His eternal power and divine nature, have been clearly seen, being understood through what has been made, so that they are without excuse. Romans 1:20 (NASB)

Richard Dawkins in The Blind Watchmaker, *“The study of Biology is the study of complicated things that have the appearance of being designed.”*

Jerry Coyne in Why Evolution is True, *“If anything is true about nature, it is that plants and animals seem intricately designed for living their lives...Nature resembles a well oiled machine...”*

The Institute for Creation Research lists seven different fundamental evidences of design. Each of the living systems we have looked at show evidence of essentially all of these evidences of design.

1. Numerous parts working together for a purpose
2. A particular arrangement of the parts
3. Proper alignment
4. Precise timing
5. Exact dimensions and shape
6. Tight fit
7. Definite sequence for correct assembly

A Note about the Subatomic World

While it is not a living system, the subatomic world is a complex world in and of itself. The atom, which is the basic building block of all that exists, is a complex structure. This is not a technical paper, and I personally know essentially nothing about all this, but when recently reading about the subatomic world, I read about a lepton, muon, tau, meson, antimeson, baryon, quark, gauge, higgs, hadron, photon, gluon, fermion, and a boson. And this is certainly not an exhaustive list.

If the big bang were true, this whole system would have had to form in the instant following the big bang, all by chance with no creator or other intelligence involved. And it would have had to form in the same way in each part of the exploding universe, since the atom is the basic building block for all forms of matter, except for the subatomic particles themselves.

It takes a lot less faith to believe in an intelligent powerful all-knowing Creator than it does to believe that this all happened by chance.

Chapter Eight

Living Things Adapt, But Is It Evolution?

Creation, Natural Selection, and Mutations

Natural selection is the ability of living things to make physical changes that enable them to live and thrive in their environment. It is obvious that creatures with physical traits best suited for survival in a given environment are better able to survive and reproduce than those who do not have those features.

A dog with long hair will survive in northern Alaska better than a short haired dog.

Life forms can and do change to adapt to their environment. The beak of a finch can change and adapt to effectively feed in the environment where it lives; however, the finch remains a finch. It will not evolve into a robin or a blackbird.

Both creationists and evolutionists agree that natural selection takes place. One misunderstanding with some Christians is the belief that creation rules out any change or adaptation of a living thing to its environment.

Let's look at what the Bible teaches in Genesis 1.

Then God said, "Let the earth bring forth living creatures after their kind: cattle and creeping things and beasts of the earth after their kind"; and it was so. Genesis 1:24 (NASB)

Then God said, "Let the earth sprout vegetation, plants yielding seed, and fruit trees on the earth bearing fruit after their kind with seed in them"; and it was so. The earth brought forth vegetation, plants yielding seed after their kind, and trees bearing fruit with seed in them, after their kind; and God saw that it was good. There was evening and there was morning, a third day. Genesis 1:11-13 (NASB)

The phrase "after their kind" is used ten times in Genesis 1. That phrase means that when an animal, or any other kind of life, reproduces, its offspring will be like its parents. While an animal may adapt to its environment, it does not change into an entirely different kind of an animal. A cat will have kittens. A cat's offspring will not be part kitten and part puppy. Baby monkeys will be all monkeys, not part human.

According to the Bible, a frog will not eventually turn into a lizard or anything else. It and its offspring will always be frogs.

According to the Bible, dogs remain dogs and cats remain cats. They are genuine dogs and cats. There are no dats, cogs, or togs.

This Biblical teaching is true of both plants and animals. If you plant carrot seeds, they will produce carrots. If you plant a peach seed, it will produce a peach tree, not an apple tree.

We need to realize that the Biblical "kind", as used in Genesis 1, does not necessarily correspond to the modern biological classification of "species". God did not give us an exact definition of "kind", but the important thing to understand is that according to the Bible, living things will always reproduce after their own kind.

Every living thing has a built-in blueprint (DNA) that determines what kind of living being it will be. A dog has a dog's blueprint; a cat has a cat's blueprint; and a worm has a worm's blueprint. Our DNA contains genes that determine things such as hair color, skin color, sex, etc. Every one of our trillions of cells, except for red blood cells, contain this information.

When God created life and programed our DNA, He gave the DNA the versatility to adapt to various environments. This enables living things to make small scale changes that enable them to adapt and thrive in their environment. Modern studies of the genome have shown that DNA does have the versatility to make these kinds of changes.

Within the DNA of an unpedigreed "normal" dog there are genes for long hair and there are genes for short hair. Its offspring can be long haired, short haired, or medium haired dogs. In northern Alaska the short haired dogs would not survive as well as long haired dogs. As the long-haired dogs survive and reproduce, they will eventually lose all their genes for short hair and all their offspring will all be long haired dogs.

Genuine natural selection does not require major changes in the genetic code or DNA. It simply takes advantage of the versatility God has already programed into the DNA.

A dog can, in a few generations, develop long hair naturally or it can be hurried along by selective breeding. These changes can happen within a few years. It does not take millions and millions of years. God may have created only two dogs or He may have created many dogs; however, all their offspring are still dogs. There are now many small dogs, big dogs, long haired dogs, short haired dogs, long nosed dogs, short nosed dogs, dogs with big ears and dogs with small ears etc., etc., etc. However, all their offspring are still dogs. They don't eventually turn into lions.

Dogs and many other kinds of living creatures can be selectively bred to produce a variety of characteristics in that kind of animal. Many evolutionists, past and present, including Charles Darwin, have believed that because animals can change through selective breeding programs, it proves that major evolutionary changes can and do occur.

However, selective breeding cannot produce a totally different kind of animal or a different "species" of life. Dogs will remain dogs; pigeons will remain pigeons; and cattle will still be cattle. Selective breeding programs cannot turn cats into dogs or pigeons into crows.

Natural selection and survival of the fittest are foundations of the theory of evolution. Many evolutionists believe that natural selection is the smoking gun that proves evolution, and even explains the origin of all life. They believe random chance and natural selections are the source or cause of all existing life forms. Natural selection is very often cited as a mechanism which adds genetic information to DNA.

Is that really true? Does an animal's ability to adapt to its environment really prove evolution or is this just a smokescreen?

If a fish were to evolve into a frog, it would have to develop lungs and legs and many other features to enable it to live on land. This would require a huge increase in the information in the DNA. Any big change like this would require major changes and increases in the DNA blueprint information.

Natural selection cannot produce new features such as legs, hands, ears, eyes, lungs, etc. It can only

deal with existing characteristics. Natural selection deals with fine tuning existing DNA, not the addition of vast amounts of new DNA information.

Cells and DNA are phenomenally complex. According to Dr. Werner Gitt, there is enough information in the DNA of a single cell to fill a thousand encyclopedia sized books. Obviously, much more information is needed for the blue print (DNA) of a man than is necessary for the blueprint of a single celled amoeba. In a man there must be information, or the blueprint, for many extremely complex things such as eyes, ears, brains, circulatory systems, lungs, reproductive systems and many other systems. None of this information is present in the DNA of a single celled amoeba.

If, over millions of years, a worm was to develop legs and become a lizard, there would have to be a huge amount of information added to the worm's DNA. A worm's blueprint, or DNA, simply does not have the information necessary to grow legs, eyes, ears, etc. However, according to evolution, a long series of millions and millions of mutations are what caused this information to be added to the DNA.

Modern studies of the genome have clearly shown that natural selection leads to a loss of genetic information, not an increase. *Natural selection does not produce major changes in the genetic code, and it does not add information to the code.*

Going back to our dog illustration, when the Alaskan dog develops long hair, the genes for long hair were already in his DNA. What did happen is that the dog lost the genes for short hair. Once this happens, that line of dog will never be able to be a short haired dog again. The important thing to remember is that this kind of adaptation always result in a loss of information, not a gain in information.

One very important fact that is often ignored by evolutionists is that natural selection can only deal with existing information within the DNA. It cannot add information. While mutations do occur, it involves a loss of information, and it cannot in any way account for the addition of vast amounts of new complex information within the DNA.

A mutation is a change in the DNA of a life form. As the DNA is copied while in the process of forming a new cell, there can be small glitches in the DNA reproduction. These DNA copy errors are called mutations. According to molecular biologists who specialize in these matters, a mutation results in the *loss* of information in the DNA. Apparently there has never been an observed mutation that added, rather than lost, information in the DNA.

Dr. Lee Spetner wrote in "Not by Chance", *"Not even one mutation has been observed that adds a little info to the genome."* and *"All point mutations that have been studied on the molecular level turn out to reduce the genetic information and not to increase it"*.

Many well-trained biologists have stated that by far the vast majority of mutations are harmful, not beneficial. In fact, many of the diseases such as sickle-cell anemia, hemophilia, cystic fibrosis, and many others, are the direct results of mutations. When there is a glitch in the copying process, that glitch can be passed on to the following generations. As time passes, these glitches add up and continue to be passed on to following generations.

Some have estimated that 999 out of 1000 mutations are harmful, not beneficial. Since these mutations are essentially always harmful, many have wondered why we have not mutated or devolved right out of existence and become extinct over the supposed hundreds of millions of years of our existence.

Evolutionary geneticist Alexey Kondrashov asked, “*Why aren’t we dead 100 times over?*”.

Carl Sagan, one of the best-known evolutionists ever, wrote in his book, The Dragons of Eden, “...mutations occur at random and are almost uniformly harmful—it is rare that a precision machine is improved by a random change in the instructions for making it.”.

George Gabor Miklos, a scientist and an evolutionist, made the following statement: “*We can go on examining natural variation at all levels...as well as hypothesizing about speciation events in bed bugs, bears, and brachiopods until the planet reaches oblivion, but we still only end up with bed bugs, brachiopods, and bears. None of these body parts will transform into rotifers, roundworms, or rhynchocoels.*”

The development or evolution of a totally new kind or species has never been observed in nature and there is no fossil record of it ever happening. Many evolutionists will vehemently deny this, but an honest evaluation of the fossil record supports this. There are hundreds of so-called missing links in the fossil record and some well-known evolutionists have admitted this. The fossil record will be looked at in chapter 12 of this study.

It takes a tremendous amount of faith to believe that what has never been observed to happen is responsible for developing the many complex designs that are observed today in living things. I, for one, do not have enough faith to be an evolutionist.

If you copy “Little Red Riding Hood” enough times over millions of years, will it eventually turn into Shakespeare’s Romeo and Juliette because of accidental copying errors?

We all have a choice to make. Do we believe that chance mutations, which have never been known to add information to the genome, are responsible for the incredible design in living things, or do we believe the simple Biblical teaching in Genesis 1 that “**In the beginning God created the heavens and the earth.**”.

**For as the heavens are higher than the earth,
So are My ways higher than your ways
And My thoughts than your thoughts.**

Isaiah 55:9 (NASB)

Chapter Nine

Entropy or the Law of Decline and Deterioration

In this chapter we will look at a simple but complex issue. If left to themselves, do things tend to become more organized and increase in complexity, or do they tend to become less organized and decrease in complexity?

Secular science and evolutionists have to believe that life, the earth, and the entire universe is continually developing and becoming more complex without any purpose, design or intelligence guiding it.

If a car is not maintained, will it work better as time passes, or will it begin to develop major problems? If a schoolhouse or any other building is not maintained, will it get better and better or will it develop major problems? If left to itself, does your child's bedroom tend to become more or less organized?

As humans age, do we tend to become more fit and more healthy, or do we tend to become less fit and less healthy?

A few years ago, I was asked to look at and evaluate a summer camp that had not been maintained for quite a number of years. The buildings were run down and overgrown. The swimming pool was cracked and the equipment was non-functioning and past fixing. The landscape was overgrown and unsightly. Even the road was washed out in places.

Most of us would agree that if something is left to itself without upkeep or maintenance, it will deteriorate.

Entropy relates to the disorderliness of a system. Entropy increase is a running down, an increase in disorder, or a decrease in available energy. Entropy always increases unless it is countered by an outside force. This applies to all systems, large or small. It applies to the universe and it applies to a single cell. According to this principle, our universe is continually running down. Disorder is increasing and there is less energy available to power it.

Dr. Dwayne Gish, a creation scientist, wrote about entropy in the following paragraph on page 69 in the book, Thermodynamics and the Development of Order. *"We see this all-pervasive natural tendency at every level of organization, from the atom to the universe. Clusters of galaxies are dispersing and becoming more randomly arranged; clusters of stars are breaking up; stars explode in supernovas and all stars, including our sun, are burning up as their fuel is being exhausted; the rotation of the earth is slowing; the magnetic field of the earth is decaying; mountains erode; houses inevitably fall apart; automobiles deteriorate; our bodies age; bacteria age and die; even certain atoms decay radioactively. Nothing is exempt. The cost is staggering. Billions and billions of dollars are spent each year in maintenance and upkeep, repairs, painting, replacement of parts, medical bills, funerals."*

There is a fundamental law of nature which basically states that a closed system left to itself will deteriorate and become less organized. This is known by several titles such as the law of entropy, or the law of decline, or the law of decay and disorder. It is also often tied in with the first and second laws of thermodynamics.

The first law of thermodynamics simply states that the total amount of energy or mass in the universe is

constant. The second law states that the amount of energy available for work is running out.

According to Dr. Jonathon Sarfati, these laws can be applied in the following ways:

1. Entropy tends to increase.
2. Usable energy is running out.
3. Information tends to get scrambled.
4. Order tends toward disorder.
5. A random jumble won't organize itself.

This study is certainly not a technical study and I am not going to attempt to explain these laws in any depth or in technical terms.

In this study we will look at the two world views relating to this whole topic, and we will look at some Bible teaching that relates to these issues.

World View One

God created the universe, earth, and all life on earth. He created it perfect, but after man's fall into sin the earth was cursed and since then deterioration has continued. However, God is still in control, and the universe, including the earth, will last until He is ready to create new heavens and a new earth.

According to the Word of God, it is God Himself who sustains the universe.

For by Him all things were created, both in the heavens and on earth, visible and invisible, whether thrones or dominions or rulers or authorities—all things have been created through Him and for Him. He is before all things, and in Him all things hold together.

Colossians 1:16-17 (NASB)

He is the radiance of the glory of God and the exact imprint of his nature, and he upholds the universe by the word of his power. Hebrews 1:3 (ESV)

World View Two

There is no creator and all that exists in the universe, including the earth and all life, came into existence through purely natural forces such as the big bang and evolution. The non-living universe organized itself into many very complex systems. There was no purpose, no design, no outside help from any intelligent being to guide this on-going development of many complex non-living and living complex systems.

According to this world view, the first cells, along with all the information in their DNA, were all formed by chance and spontaneous generation. Very complex life forms originated and evolved by chance mutations, and life forms are naturally, by themselves, continually evolving into more complex and well-organized systems.

As has already been stated, the tendency in natural processes is to go from order to disorder. Every part of the universe, from atoms to galaxies, tend to go in that direction.

Evolutionists disagree and believe that gases such as methane, ammonia, hydrogen, and water vapor have transformed themselves into incredibly complex living cells. They believe that this happened in spite of the presence of highly destructive energy sources such as ultraviolet light and electrical discharges.

Evolutionists like to point out that there are times when order does increase. The formation of a snowflake, or the formation of crystals in some kinds of rocks are examples. No one denies that this is true; however, in the big picture, snowflakes and crystals do not stop the universe and the earth from deteriorating. Disorder is far, far more probable than order.

Evolutionists also like to point out that the earth has an ongoing powerful source of energy from the sun. Many claim that this source of energy overrides entropy on earth.

However, it doesn't work. Energy alone does not result in increased complexity. There has to be a mechanism to harness and put that energy into constructive use. Energy from the sun alone does not provide an energy mobilizing system to put that energy into productive use. The sun's energy without photosynthesis would not keep the earth from deteriorating. The sun's energy would destroy life on earth if the earth was not in a very well-designed solar system (in the goldilocks zone) designed by God.

If a building is wired for 120 volts of electricity and has a 200-amp main circuit breaker, you cannot increase the productive energy output of the building by simply increasing the voltage to 440 volts, and putting in a 500-amp main circuit breaker. It would likely cause destruction in the building, and could even burn it down.

The proverbial bull in a china closet certainly adds energy to the closet, but it does not increase order.

Genetic Entropy

Genetic entropy is the mutational degeneration of our genes. Since the fall, man himself has been subject to death and disease. Since the fall of man into sin, man's length of life has drastically shortened, and essentially all of us face various kinds of health issues.

Evolutionists vehemently claim that because of natural selection, mutations, and advances in science, life is getting better and better.

There is no question that advances in medicine and technology have improved our lives and have added a few years to our expected length of life. However, in the big picture, have mutations in our genome made our lives better and better?

If you remember from the last chapter, it has been stated that 999 out of 1000 mutations are harmful, not beneficial. The truth is, mutations are destroying us. Genetic entropy is killing us. Today there are epidemics of diseases such as dementia, Alzheimer's, allergies, and autoimmune diseases. All of these are consistent with genetic decline. According to Dr. John Sanford, a well-known geneticist, we have more diseases and birth defects now than any previous generation. This is opposite of what evolution teaches.

Mutations are the primary reason for aging and death. Dr. Crow, a leading geneticist, stated, "*We are*

inferior to cave men”.

According to Michael Lynch, a leading geneticist, mutations are the primary cause of aging and death, and there is little potential for substantially increasing the upper limit of the human life span.

Evolutionary geneticist, Alexey Kondrashov, asks, “*Why aren’t we dead 100 times over?*”.

Genetic entropy is in tune with the Biblical fall of man into sin. Death and disease came as a result of sin and the curse.

While it is not the topic of this chapter, we also see sharp declines in morality in the world’s cultures.

So, what is the cure for entropy and death?

The answer to genetic entropy is not eating more health food; it is not meditation or yoga; it is not seeking medical miracles; and it is not a health and wealth theology. Instead, it is believing and putting your faith in the Lord Jesus Christ who gives us eternal life that will never deteriorate, and we will live in a home that will never deteriorate or fade away. We put our life in His hands, and He sustains us until He is ready to take us home to be with Him.

What does the Bible teach?

According to the Bible, God created the earth perfect, but after the fall, the earth was cursed and deterioration began. The earth is deteriorating, but God has not let go of the universe. He is sustaining the universe and all that is in it, including us. The current earth and universe (but not us) will be destroyed and there will be new heavens and a new earth. These new heavens and the new earth, which includes the new Jerusalem, will be the eternal dwelling place of those who choose to believe in the Lord Jesus Christ.

1. God created everything perfect.

God saw all that He had made, and behold, it was very good. Genesis 1:31a (NASB)

For everything created by God is good, ... 1 Timothy 4:4a (NASB)

2. Man rebelled against God and, as a result, the heavens and the earth were cursed. They are deteriorating and will eventually wear down.

Cursed is the ground because of you; In toil you will eat of it all the days of your life.
Genesis 3:17 (NASB)

...creation itself also will be set free from its slavery to corruption into the freedom of the glory of the children of God. For we know that the whole creation groans and suffers the pains of childbirth together until now. Romans 8:20b-22 (NASB)

In the beginning you laid the foundations of the earth, and the heavens are the work of your hands. They will perish, but you remain; they will all wear out like a garment. Like clothing you will change them and they will be discarded. But you remain the same, and your years will never end. Psalm 102:25-27 (NIV)

3. Death came as a result of man's rebellion.

By the sweat of your face you will eat bread, Till you return to the ground, Because from it you were taken; for you are dust, and to dust you shall return." Genesis 3:19 (NASB)

Therefore, just as through one man sin entered into the world, and death through sin, and so death spread to all men, because all sinned... Romans 5:12 (NASB)

4. God is in still in control and He is maintaining the universe. It will not end until He determines that it will happen.

He is the radiance of the glory of God and the exact imprint of his nature, and he upholds the universe by the word of his power. Hebrews 1:3 (ESV)

For by Him all things were created, both in the heavens and on earth, visible and invisible, whether thrones or dominions or rulers or authorities—all things have been created through Him and for Him. He is before all things, and in Him all things hold together.
Colossians 1:16-17 (NASB)

While the earth remains, seedtime and harvest, cold and heat, summer and winter, day and night, shall not cease." Genesis 8:22 (ESV)

5. The universe and the earth (not people) will be destroyed by fire and God will create a new earth and universe.

But the day of the Lord will come like a thief, and then the heavens will pass away with a roar, and the heavenly bodies will be burned up and dissolved, and the earth and the works that are done on it will be exposed. 2 Peter 3:10 (ESV)

Heaven and earth will pass away, but my words will never pass away. Matthew 24:35 (NIV)

That day will bring about the destruction of the heavens by fire, and the elements will melt in the heat. 2 Peter 3:12 (NIV)

Then I saw a new heaven and a new earth, for the first heaven and the first earth had passed away, Revelation 21:1a (NIV)

In the beginning you laid the foundations of the earth, and the heavens are the work of your hands. They will perish, but you remain; they will all wear out like a garment. Like clothing you will change them and they will be discarded. But you remain the same, and your years will never

end. Psalm 102:25-27 (NIV)

"For behold, I create new heavens and a new earth; Isaiah 65:17a (NASB)

But according to His promise we are looking for new heavens and a new earth, in which righteousness dwells. 2 Peter 3:13 (NASB)

6. Those who choose to believe in the Lord Jesus Christ can look forward to a secure future and an inheritance that will last forever.

Praise be to the God and Father of our Lord Jesus Christ! In his great mercy he has given us new birth into a living hope through the resurrection of Jesus Christ from the dead, 4 and into an inheritance that can never perish, spoil or fade--kept in heaven for you, 1 Peter 1:3-4 (NIV)

Having believed, you were marked in him with a seal, the promised Holy Spirit, 14 who is a deposit guaranteeing our inheritance until the redemption of those who are God's possession--to the praise of his glory. Ephesians 1:13-14 (NIV)

Whatever you do, work at it with all your heart, as working for the Lord, not for men, 24 since you know that you will receive an inheritance from the Lord as a reward. It is the Lord Christ you are serving. Colossians 3:23-24 (NIV)

Chapter Ten

Radiometric Dating and the Age of the Earth

Radiometric dating is considered by many to be the strongest evidence for a billions of years old earth, which is necessary for evolution to occur. It has also convinced many Christians that evolution must be true, and that the earth is billions of years old, and that there has been life on earth for many hundreds of millions of years.

If one accepts the Bible as the inspired and inerrant Word of God and accepts the historical accuracy of the Genesis record of creation, it is not hard to calculate and come quite close to the date of creation. The genealogies recorded in the Bible take us from the birth of Jesus clear back to Adam. By using the dates and times given in these genealogies, we find that the Biblical age of the earth is about six thousand years.

Currently, secular science believes the age of the earth is about 4.5 billion years. The Biblical date of creation is rejected by most secular scientists and is a source of ridicule for some. Radiometric dating is one of the reasons given to “prove” that this Biblical date of six thousand years is wrong.

As can be easily seen, the findings of secular scientists who rely primarily on radiometric dating to determine the age of the earth are far, far different from the Biblical perspective. If the claims of those using radiometric dating methods are right, then the Bible is very wrong and cannot be trusted or believed.

Has radiometric dating proved the Biblical date of creation wrong? Is radiometric dating a trustworthy way of determining the age of various parts of the earth? That is the question we will look at in this chapter.

First, we need to have an idea of what radiometric dating is. Again, this is a very simple explanation given by a non-scientist, (Phil Benedict); however, the basics given in the following material are fundamentally correct and taken from materials produced by very well qualified scientists.

In igneous rocks there are unstable atoms called radioisotopes. Over time, these “parent” elements will decay into entirely different stable “daughter” elements. Over time, the amount of the unstable parent element decreases and the amount of the stable daughter element or isotope increases.

Some examples of this kind of decay are: uranium decays into lead; carbon14 decays into nitrogen14; thorium decays into lead; potassium decays into argon; rubidium decays into strontium; and samarium decays into neodymium.

Only igneous rocks which form from molten material, magma, from within the earth can be tested by using radiometric dating methods. Rocks formed from layers laid down by water cannot be tested by these dating methods.

By measuring the amount of the parent element in a rock and comparing it to the amount of the daughter element in that rock, it is felt that the age of the rock can be quite accurately determined. This is measured in half-lives which is the estimated amount of time it takes for half of the level of the parent element to change into an equal amount of the daughter element. After ten half-lives of decay, the rock has essentially none of the parent element left. It has all decayed into the daughter element.

Scientists who believe in and depend on radiometric dating make three fundamental assumptions about this dating system. These assumptions must all be true or the whole system becomes unreliable.

These three assumptions are as follows:

1. The rock or rocks being tested have remained a closed system during their entire existence. The amount of the parent and daughter isotopes have not been altered by anything except the radioactive decay within that rock. Neither the parent element nor the daughter element has exchanged atoms with any of its surroundings at any point in its existence. If anything has added to or taken away from either the parent or the daughter element, the determined age will be inaccurate.

This cannot be known for sure unless the rock was tested when it was first formed. There are things such as moisture which can affect the decay rate in some instances.

2. The second assumption is that there was none of the daughter element in the rock when it was formed. They assume that when the rock was formed it contained a known amount of the daughter isotopes which, in most cases, was believed or assumed to be zero. If there was any of the daughter element in the rock when it was formed, the determined age will be inaccurate.

3. The third assumption is that the rate at which the radioactive decay takes place is constant over the entire life of the rock or element being measured. If the rate of decay varied at any point in the history of the rock, again the determined age will be inaccurate.

The RATE (Radioisotopes and the Age of the Earth) Project

The Institute for Creation Research is an organization committed to the accuracy of the Word of God and to the literal truth and accuracy of the Bible's creation account. For many years they have done scientific research relating to creation and science. Their headquarters is near Dallas, Texas.

In 1998 the Institute for Creation Research launched an eight-year study to determine the accuracy of the radiometric dating methods. This was called the RATE (radioisotopes and the age of the earth) project. This was a very technical study done by very well qualified Ph.D. scientists who have been actively involved in scientific research that is related to the whole area of radiometric dating. They used only the finest labs and committed themselves to using the most safe and accurate methods of testing and study. They cut no corners and spared no expenses in order to come up with correct and accurate results.

The findings of the RATE team, as well as numerous other studies that have been done, have cast serious doubts and raised some very critical questions about the reliability of radiometric dating.

Radiometric dating is a very technical subject and even though I personally have watched several DVD's relating to it, read the RATE team's book, and even attended an all-day seminar on this topic that ICR put on, I do not begin to understand all of it and certainly could not adequately explain it all. However, we can understand some of the basics of the RATE team's work and the conclusions they came to.

The RATE project research centered around four major areas.

1. Different ages given by testing the same rocks with different radioactive parent-daughter element pairs
2. The helium content in present day zircons, which are tiny crystals in granite rock
3. The carbon14 content in coal and diamonds
4. Radiohalos and fission tracks that give evidence of accelerated decay

Now we will take a brief look at each of these areas of the RATE team's study.

1. Different Radioisotope Ages from the Same Rocks

As we have already seen, there are several different combinations of parent-daughter elements that are used in scientific research to determine the ages of rocks. Again, some of these parent-daughter combinations are: uranium decays into lead; thorium also decays into lead; carbon14 decays into nitrogen14; potassium decays into argon; rubidium decays into strontium; and samarium decays into neodymium.

If radiometric dating is a reliable way of dating rocks, then testing the same rock sample by each of these pairs of parent-daughter elements should give very close to the same age for each of the rocks being tested.

In order to test this, the RATE team collected a number of different rock samples from several different key locations and had each rock tested by using several different parent-daughter radioisotope pairs. They used the same leading laboratories that are used by secular scientists to do their experiments.

What they found was that rock samples tested by different parent-daughter combinations gave vastly different ages for the rock samples being tested.

The first rock sample gave dates of 841 million years using one parent-daughter combination, 1 billion 60 million years using another combination, 1 billion 250 million years using another set, and 1 billion 375 million years using another.

Another sample was dated at 1 billion 240 million years, 1 billion 655 million years, and 1 billion 883 million years.

A third rock sample was dated 516 million years, 1 billion 111 million years, and 1 billion 588 million years.

Notice that in this test there is over a billion years difference in the ages given for that one rock sample.

Can a system that is this far off be reliable and trusted?

2. A second area of study by the RATE team centered around the helium content in present day zircons, which are tiny crystals in granite rock.

Zircons are believed to be some of the oldest minerals on earth. Flecks of black mica in granite contain microscopic pieces of zircons which contain uranium atoms. Uranium atoms decay into lead and into helium. For every atom of lead, eight helium atoms are generated. Helium is a fast moving and slippery element. It slips out of the zircon crystals very quickly. By measuring the amount of helium in the zircon, the age of the zircon can be closely estimated.

Helium diffuses or leaks out from the zircons very rapidly, and if the earth is millions of years old, there should not be any helium left in these crystals. Yet there is, and this points to a very young earth, not a million of years old earth.

The conclusion of this study strongly pointed to a six-thousand-year-old earth, not to a millions or billions of years old earth.

Helium is a byproduct of radiometric decay. It escapes from rocks in the earth's crust into the atmosphere. If the rate of decay were constant at today's rate, all the helium in the atmosphere today would accumulate in less than two million years. That is not nearly enough time for evolution to occur. As the RATE project showed, there is strong evidence of very accelerated decay during the flood, so even the two million years old estimate is too old.

3. A third area of consecration by the RATE team centered around the Carbon 14 content in coal and diamonds.

Carbon 14 is found in all living plants and in animals which eat plants. It is also found in the remains of living things such as fossils, petrified wood, shells, coal, oil, and natural gas. It is also found in some inorganic materials such as marble, graphite, and diamonds.

Carbon14 is produced in the atmosphere and absorbed into plants which, in turn, are eaten by animals. The carbon14 then becomes imbedded into the tissue of the animals. When the animal or plant dies, the radioactive carbon14 begins the process of decaying into the daughter element which is nitrogen14.

Carbon14 has a very short half-life of 5730 years, which means that it decays very quickly into the daughter element. It totally disappears in a few thousand years. Even if the whole earth was made out of carbon14, it would be totally gone in a million years.

Yet, carbon14 is repeatedly found in many materials that are claimed to be many millions, or even billions, of years old.

Carbon14 that is in coal today is from the plants that were buried in thick layers, were compressed, and turned into coal.

Carbon 14 exists in all fossils and the amount is essentially the same. This should lead to the conclusion that all the fossils are young and that they all lived essentially at the same time and were buried at the same time just a few thousand years ago. This is extremely significant and strongly

supports a young earth and also the global flood.

They discovered that diamonds are one of the inorganic materials which contain carbon 14. Diamonds are one of the hardest and believed to be one of the oldest materials on earth. Secular science has assumed their age to be from one to three billion years old. Diamonds are believed to have been formed about one hundred miles deep in the earth, close to the beginning or the formation of the earth. A few diamonds have been brought to the surface of the earth by magma flows.

The RATE team decided to test to see if any carbon 14 could be detected in diamonds. This was an experiment that was not known to have been done by any other scientists, either secular or creationist.

To the surprise of the RATE team, they found very significant amounts of carbon14 in diamonds. They found nearly 100 times the minimum detectable level of carbon14. This strongly points to a very young earth, and the RATE team concluded that the diamonds dated back to creation itself which was just a few thousand years ago. If the earth was millions or billions of years old, then the carbon14 in diamonds would have decayed long ago.

The existence of carbon 14 in coal and diamonds very strongly supports the Biblical indications that the earth is a few thousand, not billions, of years old.

Soderberg, Save, and Osson *"If a Carbon 14 date supports our theories, we put it in the main text. If it does not entirely contradict them, we put it in a footnote. And if it is completely "out of date", we just drop it."*

4. Radiohalos and Fission Tracks

Most all granite contains a black flaky mineral called biotite which contains tiny zircon crystals. These zircon crystals contain uranium atoms embedded in the structure of the zircon.

In uranium, occasionally the atom's nuclei will split apart. This is called nuclear fission. The two parts of the atom fly apart and they leave trails of damage in the zircon crystals. These trails are called fission tracks, and they can be seen under a microscope. As more atoms split, more fission tracks are produced. These abundant fission tracks cause damage and discoloration in the material around it. This damaged discolored area is known as a radiohalo.

The number of fission tracks is observable, measurable evidence of how much nuclear decay has occurred in that crystal. Abundant fission tracks is physical evidence of abundant nuclear decay. In one location, 21 million years of fission tracks *at today's rate* were observed. At another location, fission tracks equal to 136 million years of nuclear decay *at today's rate* were found. At still another location, 500 million years of nuclear decay *at today's rate* was observed.

These radioactive atoms eject alpha particles from their nuclei. In uranium, the ejected alpha particle forms a daughter element, polonium which is also unstable. The unstable daughter element, polonium, then ejects another alpha particle. This process is repeated eight times until a stable lead atom is formed.

The zircon crystals are so small that the ejected alpha particles are like tiny bullets. They escape the zircon and cause damage to the surrounding biotite flakes. The biotite flakes become damaged and

discolored. Again, this discolored area is called a radiohalo. The alpha particles travel different distances and in different directions; therefore, the discolored area is in the shape of a circle. However, these radiohalos are very small compared to the uranium halos. These halos are identified as polonium radiohalos.

The polonium isotopes formed in this process have only fleeting existences. The half-life of polonium-218 is only 3.1 minutes. Polonium-214's half-life is just 164 microseconds, and polonium-210's half-life is 138 days. This means that the radiohalos formed by this process had to happen very quickly.

The amount of decay needed to form any given radiohalo can be calculated, so it can be determined how much decay occurred in the formation of that radiohalo. These radiohalos give evidence of much radioactive decay -- over 100 million years *at today's rate of decay*.

In zircons, many very small polonium radiohalos can be observed right next to the larger uranium halos. They are in the same very thin microscopic layer of biotite. Many granites were found with radiohalos with only one, two, or three small rings around very dark uranium radiohalos in the same biotite flakes. These small rings were formed by the last steps of the eight-step uranium decay process. This is found in many granites around the world.

Since the uranium which formed the uranium halos is the source of the polonium which formed the polonium halos, the uranium decay has to deliver enough polonium to generate 500 million to 1 billion alpha particles to form each dark polonium radiohalo before the polonium decays. Scientists, including those on the RATE team, have concluded that the uranium and polonium halos had to have formed at the same time. That means that the uranium decay has to deliver enough polonium to generate 500 million to 1 billion alpha particles to form each dark polonium radiohalo before the polonium decays. This means that at least 100 million years' worth of uranium decay (*at today's rates*) had to occur very quickly in order to form the polonium radiohalos. According to the findings of the RATE team, this is observable physical evidence that this abundant nuclear decay had to occur at a very accelerated rate.

The numerous samples used in these studies were all from strata that the RATE team believes were laid down by the flood in Noah's day. They have concluded that this accelerated rate occurred at the time of creation itself, and in the year of the worldwide flood.

According to the RATE team, their findings strongly imply that nuclear decay has been very accelerated at some time in the past. They believe that five hundred million years of decay occurred in one year, the year of the flood.

Conclusions of the RATE Team

1. A large amount of radioactive decay has occurred.
2. Their decay rate has been greatly accelerated at certain times in the earth's history.
3. The conventional radiometric dating methods are unreliable.
4. Creation and the flood are historical events. They really happened as the Bible states.

Radiometric dating is a very technical study. Evolutionists strongly believe that this dating method

proves the very old age of the earth and that it discredits the Bible. Yet, an honest assessment of the facts demonstrate that radioisotope dating is not dependable and, in numerous cases, it supports the Biblical young earth date of six thousand years.

Other Observations Relating to Radiometric Dating and the Age of the Earth

1. The dating of a fossil must be consistent with the age of the rocks around it. If it isn't, then at least one of them is not correct. Yet, most of the time, the radiometric dating of the rocks around fossils give very different ages than the dates assigned to the fossil itself.

2. When lava flows that are known to be very young are tested using radiometric dating, the radiometric dating often gives very wrong dates.

Thirty-year-old lava from Mt. St. Helen's, which erupted in 1980, was dated at 2.8 million years old. Another test showed it to be 350,000 years old.

Two-hundred-year-old lava from the volcano Kilauea, which is in Hawaii, was dated at 22 million years old.

Hualalai (in Hawaii) which erupted in 1800-1801, was dated at 160 million years old and at 3 billion 300 million years old.

Lava flows that flow from the rim of the Grand Canyon to the bottom of the canyon have to be younger than the canyon itself, but they date millions of years older than rocks from the bottom of the canyon itself.

If rocks of known age are millions, even billions, of years wrong, then how can we trust the dates given to rocks of unknown age?

One rock that was tested had a piece of wood embedded in it. The wood had to be older than the rock which had formed around it; yet, the rock was dated at 230 million years and the wood was dated at 34 thousand years.

There are other ways to estimate the age of the earth that are not related to radioactive decay.

Radioisotope dating is not the only way to test and estimate the age of the earth. Richard Fangrad from Creation Ministries International stated that ninety percent of these dating methods give ages less than what would be required for evolution to occur. An "old" earth is not supported by the majority of dating methods.

1. The oceans are constantly getting more salty. The amount of salt in the ocean can be measured. There are about 450 million tons of salt being added to the oceans every year. If the earth is hundreds of millions, or billions, of years old, the oceans would be far more salty than they are now.

2. Oceans cover about two thirds of the earth's surface. Every year millions of tons of sediments are being carried by the earth's rivers into the oceans. If the earth is billions of years old, there would not

be much land left and the sediments on the bottom of the ocean would be much thicker.

The worldwide flood would drastically affect things such as the salt content and sediments in the ocean, making them even younger than the dates given by these testing methods.

3. Comets can only be about 10,000 years old. Every orbit that a comet makes around the sun causes some of the ice to melt, which causes the comet to lose mass. Comets cannot begin to last for millions or billions of years. To solve this problem, some secular scientists have proposed the existence of “Ort” clouds and/or hyper-belts which supposedly replenish the mass of the comet. The only problem is that there is absolutely no scientific evidence that such a cloud or belt even exists or ever has existed, and they have never been observed through telescopes. It’s a made-up idea by secular scientists to answer the comet melting problem.

4. Every year the moon moves away from the earth about four centimeters. If the universe is billions of years old, the moon would be much farther away from us.

5. The number of supernovae in the Milky Way galaxy is far less than would be expected if the galaxy were billions of years old.

6. Dr. Tas Walker, when giving a talk on creation, showed a rock that was given to him that had been picked up on a beach. One side of the rock was a normal looking rock. However, when it was turned over one could easily see a small toy truck embedded in the rock. The rock was a very normal looking rock, but it had to be very young. It had to have been formed after small metal toy trucks were being manufactured.

7. Red blood cells, collagen, protein, and soft tissue in dinosaur bones and other fossils. This is very strong evidence that dinosaurs are not millions of years old.

Richard L. Mauger, a secular geologist, stated, *“In general, dates in the correct ballpark are assumed to be correct and are published, but those in disagreement with other data are seldom published, nor are the discrepancies fully explained.”*

“I suspect that the sun is 4.5 billion years old. However, given some new and unexpected results to the contrary, and some time for some frantic recalculation and theoretical readjustment, I suspect that we could live with Bishop Ussher’s value for the age of the earth and sun. I don’t think we have much in the way of observational evidence in astronomy to conflict with that.” John Eddy, quoted by RG Kazmann, “It’s About Time: 4.5 Billion Years”

Chapter Eleven

The Flood

The Word of God, the Bible, clearly teaches that there was a worldwide flood, which was a judgment from God because people had become wicked and sinful.

Part of the Biblical account of the flood is as follows:

The LORD saw how great man's wickedness on the earth had become, and that every inclination of the thoughts of his heart was only evil all the time. The LORD was grieved that he had made man on the earth, and his heart was filled with pain. So the LORD said, "I will wipe mankind, whom I have created, from the face of the earth--men and animals, and creatures that move along the ground, and birds of the air--for I am grieved that I have made them." But Noah found favor in the eyes of the LORD. Genesis 6:5-8 (NIV)

So God said to Noah, "I am going to put an end to all people, for the earth is filled with violence because of them. I am surely going to destroy both them and the earth. So make yourself an ark of cypress wood; make rooms in it and coat it with pitch inside and out. This is how you are to build it: The ark is to be 450 feet long, 75 feet wide and 45 feet high. Genesis 6:13-15 (NIV)

Behold, I, even I am bringing the flood of water upon the earth, to destroy all flesh in which is the breath of life, from under heaven; everything that is on the earth shall perish. Genesis 6:17 (NASB)

In the six hundredth year of Noah's life, in the second month, on the seventeenth day of the month, on the same day all the fountains of the great deep burst open, and the floodgates of the sky were opened. The rain fell upon the earth for forty days and forty nights. Genesis 7:11-12 (NASB)

The waters rose and covered the mountains to a depth of more than twenty feet. Every living thing that moved on the earth perished--birds, livestock, wild animals, all the creatures that swarm over the earth, and all mankind. Everything on dry land that had the breath of life in its nostrils died. Genesis 7:20-22 (NIV)

The waters flooded the earth for a hundred and fifty days. Genesis 7:24 (NIV)

But God remembered Noah and all the beasts and all the cattle that were with him in the ark; and God caused a wind to pass over the earth, and the water subsided. Genesis 8:1 (NASB)

According to the Bible, the chronology of the flood is as follows:

- ...The flood occurred 1656 years after creation.
- ...It took Noah and his family 120 years to build the ark.
- ...In Noah's 600th year, 2nd month, 10th day, they entered the ark.
- ...After 7 days, it began to rain. (600th year, 2nd month, 17th day)
- ...All the fountains of the great deep burst open, and the floodgates of the sky were opened.
- ...It rained for 40 days and 40 nights.

...The waters flooded the earth for 150 days. (Including the 40 days of rain)
 ...After 150 days, the waters began to recede. (600th year, 7th month, 7th day)
 ...Ten days later, the ark rested on Mt. Ararat. (600th year, 7th month, 17th day)
 ...Seventy-four days later, the tops of mountains were showing. (600th year, 10th month, 1st day)
 ...Forty days later, Noah sent out a raven and a dove. (600th year, 11th month, 10th day)
 ...Over the next 14 days, Noah sent out two more doves.
 ...By Noah's 601st year, 1st month, 1st day, the waters were back to "normal". This is 290 days after entering the ark.
 ...By Noah's 601st year, the 2nd month, 27th day, the ground was dry enough to leave the ark.
 ...Total time in the ark – 1 year, 10 days.

Note: The ancient Jewish calendar year was based on 12 months of 30 days each.

Uniformitarianism Versus Catastrophism

Uniformitarianism is the belief that geological processes that operated from the remote geologic past until now are essentially all the same. The geologic processes or events of the past were never significantly different than those we can observe happening now. All processes continue in the same way and at the same rate that they are happening today. This belief automatically rules out a worldwide flood or any other catastrophic event in the earth's history.

James Hutton (1726-1797) sought to discredit belief in the Bible by promoting long geologic time periods and uniformitarianism. This view was popularized by Charles Lyell, who was a lawyer, in the 1830's in his book, Principles of Geology. This view has been a fundamental assumption of nearly all historical science and geologists for the last 170 years or so.

Notice that the word "assumption" in the last sentence. Science cannot prove or disprove that something did or did not happen many years ago. Genuine science deals with what can be observed and experimented with in the present. Views of what took place in the past are all based on their logic and on their world view and sometimes on just plain guessing. The logic for uniformitarianism is based on the fundamental assumption that there is no Creator, and that there was no worldwide flood.

Charles Lyell stated in Principles of Geology, that "*The study of geology should be conducted as if the Bible did not exist.*" He also stated that it was his goal to "*free geology from Moses*".

Charles Darwin, who played a major role in popularizing the theory of evolution, read and was deeply influenced by Charles Lyell's book.

It is interesting to note that most of those who deny the involvement of God in the history of earth and promote uniformitarianism, believe that the universe started with a "big bang", which is hardly a slow normal geologic process that can be observed to be happening today. Some also believe that an asteroid or numerous asteroids collided with the earth and caused many of the geologic features seen today, which, again, is catastrophic, not uniformitarian, in nature.

Catastrophism is the belief that certain major geological changes in the earth's history were caused by catastrophic events rather than by slow gradual processes. The flood is, of course, the single greatest catastrophic event in the earth's history. There have been other considerably less catastrophic events

such as volcanos, floods, earthquakes, tsunamis, and turbidity currents that have all had significant impacts on the earth.

In the last few years, there has been a shift in the thinking of quite a number of scientists, including secular scientists. The evidence for past catastrophic events is simply too evident to ignore. Many geologists are recognizing that catastrophes such as floods and volcanos have done most of the work in historical geology.

Warren D. Allmon, a professor at Cornell University, stated, *“This extreme gradualism (uniformitarianism) has led to numerous unfortunate consequences, including the rejection of sudden or catastrophic events in the face of positive evidence for them, for no other reason than that they were not gradual.”*

Derek Ager-- *“...we have allowed ourselves to be brain-washed into avoiding any interpretation of the past that involves extreme and what might be termed ‘catastrophic’ processes”*.

In the following Biblical verses, uniformitarianism is described as a characteristic of the last days. People will “deliberately forget” that the world was “deluged and destroyed”. This certainly sounds like our time.

First of all, you must understand that in the last days scoffers will come, scoffing and following their own evil desires. They will say, "Where is this 'coming' he promised? Ever since our fathers died, everything goes on as it has since the beginning of creation." But they deliberately forget that long ago by God's word the heavens existed and the earth was formed out of water and by water. By these waters also the world of that time was deluged and destroyed. By the same word the present heavens and earth are reserved for fire, being kept for the day of judgment and destruction of ungodly men. 2 Peter 3:3-7 (NIV)

Four Different Beliefs about the Flood

There are at least four ways people have believed relating to the Biblical flood that is recorded in Genesis.

1. The flood is a myth.
2. The flood was a historical event, but it was a local flood rather than a global flood.
3. The flood was a global flood, but was a quiet tranquil flood in which there was no significant geological activity and which left little or no geologic record.
4. The flood was a global flood which was accompanied by major geological activities and which account for the vast majority of the geological formations on the earth today.

View Number One: The flood account is a myth.

Most modern science rejects the idea of a Biblical flood. Even though there is much evidence of a

worldwide flood, they reject that evidence because they are committed to their assumptions that there is no God involved in the earth's history, and they are committed to their belief in uniformitarianism.

The Genesis flood is denied simply because it is in the Bible. It is interesting to note that many scientists believe that there was a catastrophic flood on Mars, even though not one drop of liquid water has been found on Mars. Yet, they deny the Biblical flood on earth even though there is considerable evidence for the flood and over seventy percent of the earth is covered with water.

View Number Two: There was a Biblical flood but it was a local flood, not a worldwide global flood.

Christians who want to believe in evolution and interpret the Bible in such a way as to make it compatible with modern theories of evolution, have rejected the Biblical teaching that the flood was worldwide, and they try to interpret the Bible in such a way as to make it into a large but local flood. These are the same Christians who reject a literal six-day creation.

Again, let's look at some key Biblical passages.

The LORD was grieved that he had made man on the earth, and his heart was filled with pain. So the LORD said, "I will wipe mankind, whom I have created, from the face of the earth--men and animals, and creatures that move along the ground, and birds of the air--for I am grieved that I have made them." But Noah found favor in the eyes of the LORD. Genesis 6:5-8 (NIV)

Notice God's purpose for the flood. *"I will wipe mankind, whom I have created, from the face of the earth--men and animals, and creatures that move along the ground, and birds of the air."*

A local flood would hardly wipe out mankind and all other animal life that was not on the ark. A local flood simply would not accomplish God's purpose of destroying all of mankind except for Noah and his family.

The ark was to be about 450 feet long, 75 feet wide and 45 feet high. It took Noah and his sons over one hundred years to build the ark. It is absurd to think that God would tell Noah to build such a monstrous boat and tell him to bring into it two of all living kinds of animals on earth, all to escape from a local flood. In even a large local flood, all people would have had to do would be to walk or run to higher ground to escape. A local flood would not destroy all mankind and a local flood would not even cause the ark to float for more than a very short time.

If the flood was simply a big local flood, the Biblical chronology is totally wrong. Would Noah and his family and all the animals stay in the ark for over a year to escape a local flood?

Would people who lived hundreds or even thousands of miles away be in danger from a local flood?

Again, the following Scriptures make it clear that the waters covered all the mountains.

They (the water) rose greatly on the earth, and all the high mountains under the entire heavens were covered. The waters rose and covered the mountains to a depth of more than twenty feet Genesis 7:19-20 (NIV)

He established the earth upon its foundations, so that it will not totter forever and ever. You covered it with the deep as with a garment; The waters were standing above the mountains.
Psalm 104:5-9 (NASB)

If we are honest with the Word of God, we have to believe that the flood was a worldwide flood that covered all the earth.

Notice how carefully the time of the flood is given. This is evidence that God intended the record to be taken as factual and literal, not symbolically or allegorically.

In the six hundredth year of Noah's life, in the second month, on the seventeenth day of the month, on the same day all the fountains of the great deep burst open, and the floodgates of the sky were opened. Genesis 7:11 (NASB)

If the flood were a local flood, and God sent a rainbow to promise no more local floods, then God has broken His promise many times. God would have lied.

A worldwide flood was universally accepted by the church for eighteen centuries, until evolution became a popular belief system.

View Number Three: The flood was a global flood, but was a quiet tranquil flood in which there was no significant geological activity and which left no geological record.

As we have already seen, evolutionists and most secular scientists believe the flood was a myth. They totally reject the Biblical record of the flood. They are quick to say that there is no geological evidence for a worldwide flood. This is far from the truth, but based on their assumption that there is no creator God and that God has had no part in the earth's history, they have to deny the historical reality of the flood.

As we have also seen, there are Christians who try to blend the Bible's teaching with the theories of secular science. They do not want to totally discredit the Bible; yet, they still want to believe in theories of secular science. In an attempt to blend the Bible and secular science they have come up with this idea that there was a worldwide flood, but it was a tranquil flood which did not leave any evidence or signs that it had occurred.

The whole idea of a tranquil flood is an oxymoron. All of us have seen a local flood or we have seen media reports of floods. Even local floods are destructive. The idea that a worldwide flood, as described in the Bible, did not leave any sign of its occurrence is unrealistic and ridiculous. Local floods have cut through solid rock layers and have carried large car sized rocks for hundreds of feet.

When one looks carefully at what Scripture says about the flood, it sounds like anything but a quiet tranquil flood.

...on the same day all the fountains of the great deep burst open, and the floodgates of the sky were opened. The rain fell upon the earth for forty days and forty nights. Genesis 7:12 (NASB)

Again, notice the language, "*all the fountains of the great deep burst open, and the floodgates of the sky were opened*". "*God caused a wind to pass over the earth, and the water subsided.*"

The following passage in Psalm 104 is referring to the flood:

He established the earth upon its foundations, so that it will not totter forever and ever. You covered it with the deep as with a garment; The waters were standing above the mountains. At Your rebuke they fled, At the sound of Your thunder they hurried away. The mountains rose; the valleys sank down to the place which You established for them. You set a boundary that they may not pass over, so that they will not return to cover the earth. Psalm 104:5-9 (NASB)

Notice these phrases, “*The mountains rose; the valleys sank down, the waters were standing above the mountains.*” In verse 32 of this same chapter it says, “*He looks at the earth, and it trembles; He touches the mountains, and they smoke.*” (Erupt?)

So God said to Noah, "I am going to put an end to all people, for the earth is filled with violence because of them. I am surely going to destroy both them and the earth. Genesis 6:13 (NIV)

Notice that God said that He was going to destroy both the people *and the earth*.

...through which the world at that time was destroyed, being flooded with water.

2 Peter 3:6 (NASB)

These verses give us an idea of what all took place during the flood—mountains rising, valleys sinking, smoking mountains (volcanos), the fountains of the great deep bursting open, the floodgates of the sky were opened. The terminology in these verses hardly describes a quiet tranquil flood.

In the following section we will look at some of the evidence for a catastrophic global flood.

View Number Four: The flood was a global flood which was accompanied by major geological activities and which account for the vast majority of the geological formations on the earth today.

In the last few years, some very well qualified geologists and others who believe in the inspiration and the accuracy of the Bible, have looked closely at what the Bible says about the flood, and they are doing extensive studies of the earth's current geological formations. Many are concluding that the flood was very catastrophic, and it is, in fact, responsible for most of the geologic formations on the earth today.

They are discovering that the forces that were at work during the flood are far greater than what we have realized. They believe that the major mountain chains in existence today, the valleys, the canyons, and the ocean trenches, were all formed during the flood.

Look again at the following passages:

He established the earth upon its foundations, so that it will not totter forever and ever. You covered it with the deep as with a garment; The waters were standing above the mountains. At Your rebuke they fled, At the sound of Your thunder they hurried away. The mountains rose; the valleys sank down to the place which You established for them. You set a boundary that they may not pass over, so that they will not return to cover the earth. Psalm 104:5-9 (NASB)

So God said to Noah, "I am going to put an end to all people, for the earth is filled with violence because of them. I am surely going to destroy both them and the earth. Genesis 6:13 (NIV)

Let the glory of the LORD endure forever; Let the LORD be glad in His works; He looks at the earth, and it trembles; He touches the mountains, and they smoke. Psalm 104:31-32 (NASB)

Some creation scientists, who are experts in plate tectonics, believe that entire continents shifted rapidly under the pressure of the water, and that the ocean bottoms and continents were essentially remade.

Dr John Baumgardner, a highly respected geophysicist formerly with the Los Alamos National Laboratories, is now full time with the Institute for Creation Research. He is a leader in studying and developing understanding of catastrophic plate tectonics. His supercomputer program for modeling the earth's interior and plate movement is acknowledged by many as the world's best. He and quite a number of other geologists who believe the Bible, believe the flood completely resurfaced essentially the whole planet. A staggering amount of geologic change took place in only the span of a single year during the flood.

These scientists describe land masses that sank and rose, continents that broke apart and moved and shifted rapidly, vast layers of strata laid down in a few days, tsunami after tsunami, many volcanos, large lava flows, and rapid rock formation. Worldwide, there were many volcanic eruptions and magma flows.

They have concluded that even the location of the continents was different. They believe that the continents were one massive super-continent. However, during the flood, there was large scale catastrophic tectonic change.

Ocean plates can slide into the mantle of the earth and then sink because they are denser and cooler than the mantle rock beneath. Rapid plate movement occurs because the mantle rock weakens under the stress. The continental crust has a lower density than the mantle which, in effect, causes the continents to float, thus allowing them to move rapidly because of the stress caused by the flood. This makes for very rapid plate movement.

The Bible states that during the flood the mountains rose and the valleys sank. This would imply a total reshaping of the earth during the flood. The rapid plate movement described by creation scientists explains the rapid uprising of mountains and the formation of deep valleys in the ocean.

This answers the question of where all the water came from during the flood. We need to remember that if all the ground on earth were flat, water would cover the whole earth about one- and one-half miles deep. With a flatter mega continent and as the *fountains of the great deep burst open, and the floodgates of the sky were opened and the rain fell upon the earth for forty days and forty nights* and continents began shifting, the question of sufficient water diminishes or disappears when one considers the ramifications of all these occurrences.

Today's high mountains were uplifted after the fossil bearing sediments were deposited during the flood. The high mountains of today did not exist before the flood. All the world's present sea floors were formed by the flood – after the fossil bearing sediments had already been deposited. Today's canyons as they are today did not exist before the flood.

The flood was a supernatural event planned by our all-knowing and all-powerful God. We will never understand all His thoughts and we will never know all that God caused to happen during the flood. We believe the Bible and accept it by faith. However, it is still satisfying to see evidence of the reliability of the Word of God. In the following section we will briefly look at geologic evidence of the flood that is still very evident today.

The flood falls into two broad categories. First, there was the flooding stage in which the waters rose, and then there was the retreating stage in which the waters receded back to normal. Both stages were catastrophic as the earth underwent massive changes. There were massive changes in the oceans and continents as the waters rose, and as the waters receded, mountains rose and valleys were formed by the receding water.

As the mountains rose and the valleys sank, there was fast moving water which eroded much of the higher land surfaces and deposited vast amounts of material in sedimentary layers in the plains and plateaus. The ocean floor sank as is evidenced by many flat-topped volcanic submarine mountains (guyots) whose tops are now almost a mile under water.

Lester King, a secular geologist, wrote, *“Marine volcanic islands which have been truncated by the waves subsided below sea level are called guyots. Most of them seem to have sunk by 600 to 2,000 meters (1,960 to 6,600 feet) and it is evident that they afford a measure of the amount by which the ocean floor has sunk in later geological time. The Pacific floor especially has subsided... All the ocean basins afford evidence of subsidence (amounting to hundreds even thousands of meters) in areas far from land.”* He goes on to say, *“So the fundamental tectonic movement of global geology are vertical, up or down... every part of the globe – on the continents or in the ocean basins – provides direct geological evidence that formerly it stood at different levels, up or down... “There have been repeated tectonic episodes: always in the same sense – the lands go up and the sea floor goes down.”*

The following Scripture from Psalm 104 describes both phases of the flood. Verses five and six describe the flood stage, and verses seven and eight describe the retreating phases.

Verses 5-6 He established the earth upon its foundations, so that it will not totter forever and ever. You covered it with the deep as with a garment; The waters were standing above the mountains.

Verses 7-8 At Your rebuke they fled, At the sound of Your thunder they hurried away. The mountains rose; the valleys sank down to the place which You established for them.

Verse 9 You set a boundary that they may not pass over, So that they will not return to cover the earth. Psalm 104:5-9 (NASB)

Some Modern Geologic Support for a Catastrophic Worldwide Flood

Our belief in the worldwide flood is based on our faith in the Word of God, not on scientific evidence. However, it is satisfying to know that there is convincing evidence that there was, in fact, a worldwide flood. This evidence supports our faith in the accuracy of the Word and is evidence to many unbelievers, including many scientists, that the Word of God is true.

On the tops of every high mountain range in the world there are billions of marine fossils. It has been

estimated that ninety-five percent of the fossils found high in these mountain ranges are marine fossils. Clams are everywhere. This is very strong evidence that these high mountain ranges were underwater at some point in their history.

Layers of sedimentary rock (laid down by water) cover very large areas of the continents. In many places there are many layers on top of each other, and some of these layers are two or more miles deep. Some of these layers extend for hundreds and even thousands of miles.

The Tapeats Sandstone covers close to two thirds of the United States and about a third of Canada. It extends clear to the arctic circle.

The St. Peter's Sandstone also covers much of North America. These layers of rock were originally laid down by huge layers of mud of the same makeup, which were originally deposited by huge volumes of dirty water. These mud and sand layers then harden into layers of rock.

The same is true for the Great Artesian Basin which covers more than a fourth of the continent of Australia.

These layers of sedimentary rock are found around the world.

Again, these huge layers of sedimentary rock could only have been laid down by large volumes of water which covered whole continents. A lot of water had to move across the continents in order to deposit the volume of sediments that exist in an orderly sequence of layers.

In some sedimentary layers of rock, they find tree fossils (petrified wood) standing upright and penetrating several layers of the rock. These layers had to form quickly. No tree could last for millions of years while the layers of rock gradually formed around it. It had to happen quickly or the tree would disintegrate long before all the layers were formed.

Many flat plains or plateaus stretch for thousands of miles. These are formed by water as is evident by the sedimentary layers of rock under them. There are even mountain tops that are flat, and many in the same area are the same height. These mountain tops give evidence that they were formed and eroded by water.

In many places there are very large boulders that were all formed and came from the same source. However, these boulders are scattered over large areas. Some of these are the size of a car. The only natural force capable of moving this size of rock is large amounts of fast-moving water.

When an animal or fish dies, its body decays or is often eaten by other living things. The bodies do not fossilize unless they are buried quickly in the right kind of material.

All around the world there are fossils buried together in huge graveyards which gives evidence of catastrophic death. They are buried in huge fossil graveyards covered in mud laid down by water and buried with many other kinds of fossils, including plants. In one location they found turtles, lizards, mammals, fish, clams, palm trees, and insects. In the Karroo formation in Africa, some 800 billion vertebrates are piled together in the same location. They are fossils of animals that do not normally live there, but they were buried there. This is not an isolated case. In Agate Springs, Nebraska, there are fossils of rhinoceros, camels, giant boars, and other exotic animals, none of which live in Nebraska today. There were thousands of jellyfish fossils found in Wisconsin.

One has to ask how all these animals came together and died together, forming these massive grave sites. It can be explained by catastrophic flood waters overwhelming many fleeing animals, and then carrying them in the fast-moving water and burying them in tons of mud.

Evolutionists are quick to say that these layers of sedimentary rock were laid down over hundreds of millions of years in a slow uniform way. If this were true, then in between the rock layers one would expect to find a considerable amount of erosion in each layer and a considerable amount of debris between the layers. However, these rock layers are very smooth and have no debris between them.

In some areas, many sedimentary rock layers are all bent at a sharp angle. In at least one location, in a high elevation, the rock layers form huge S curves. We all know that you can't bend a rock without it breaking. Yet, in these bent rock layers there are no cracks or breakage. These rock layers could not have been formed millions of years apart and then all bent together at the same time without breaking. They had to have been formed very quickly and bent at the same time before they hardened into solid rock. Again, only a catastrophic flood can explain how this could happen.

In spite of all the literature, evolutionists cannot explain how a comparatively small river could have formed a wide huge canyon such as the Grand Canyon. One river could not have caused all of the spurs that are all parts of the canyon. There had to be a huge amount of water coming from different directions that cut all the sub canyons. This could very well be explained by the retreating waters of the flood.

When Mt. St. Helen's erupted, it demonstrated that a large canyon could be formed in a matter of days. These are a few of the abundant evidences that receding water from the flood shaped the earth's surface. Very well qualified creation geologists are showing how major features of the earth's surface can be readily explained by the retreating flood waters of the flood. Mainstream geologists have great difficulty explaining all these features with their slow processes over millions and millions of years.

All of this supports one of the most rejected historical events in the Bible. The more one looks at and begins to understand the modern-day evidence for the flood, the more his faith in the Word of God is vindicated. We can trust the Bible.

When one looks closely at the descriptive language of the flood in the Bible, and then listens to explanations of very well qualified creation scientists, one begins to realize the massiveness of the flood. Again, words and phrases such as massive plate tectonics, continents shifting, fountains of the deep bursting forth, floodgates of the sky, mountains raising, valleys forming, massive tsunamis after tsunamis, destruction of the earth, ocean floors sinking and raising, resurfacing the planet, sea floors and oceans forming, and massive volcanos, all point to a massive worldwide flood.

It is interesting to note how many mainstream geologists react to this kind of evidence. They do not like to be challenged. Jan Zalasiewicz and Tony Bazley wrote in the magazine, "Geoscientist", "*The young-earth creationists' view of earth history, based upon a literal interpretation of the Bible, is quite simply wrong. It is manifest untruth... creationist views should not be given space in publicly-funded museums or visitor centers...or in school science lessons or science textbooks.*".

These kinds of statements are common. Our faith is rejected and they do not like to be challenged. They would rather put their faith in random chance, spontaneous generation, and unprovable speculation, rather than in an intelligent designer. They are essentially calling for censorship of any information or evidence that supports the Biblical record of earth history.

Another evidence for the flood is the fact that some three hundred different cultures, in essentially every part of the world, have flood legends which have been recorded and passed down from generation to generation. That many legends that resemble the Biblical record point to an actual historical flood.

Many have stated that the ark simply could not have been large enough to have two of every kind of animal on the ark. How could dinosaurs have fit on the ark?

First, remember the size of the ark. It was approximately 450 feet long, 75 feet wide and 45 feet tall. That is one and a half football fields long, and wider than a football field. It was three stories, or about 45 feet, tall. It has been estimated that fifteen thousand cars could fit into the ark. One of God's purposes for the ark was to replenish the animal kingdom. He would not bring large old dinosaurs into the ark. Instead, He would bring much younger ones that could reproduce. These would be much smaller.

Jesus believed in the flood.

As it was in the days of Noah, so it will be at the coming of the Son of Man. For in the days before the flood, people were eating and drinking, marrying and giving in marriage, up to the day Noah entered the ark; and they knew nothing about what would happen until the flood came and took them all away. That is how it will be at the coming of the Son of Man.

Matthew 24:37-39 (NIV)

As we have seen and as the Bible states, many, perhaps most, people reject the flood. It is tragic, but as the flood was a judgment on the earth for its wickedness, so there is a future judgment coming on those who refuse to believe in Him.

Knowing this first of all, that scoffers will come in the last days with scoffing, following their own sinful desires. They will say, "Where is the promise of his coming? For ever since the fathers fell asleep, all things are continuing as they were from the beginning of creation.

For they deliberately overlook this fact, that the heavens existed long ago, and the earth was formed out of water and through water by the word of God, and that by means of these the world that then existed was deluged with water and perished. But by the same word the heavens and earth that now exist are stored up for fire, being kept until the day of judgment and destruction of the ungodly."2 Peter 3:3-7 (ESV)

Dr. Henry Morris, a creation scientist and theologian, in his book, The Beginning of the World, on pages 106-107, gives the following Biblical teachings which all clearly teach that the Biblical flood was a worldwide flood rather than simply a local flood.

1. Expressions emphasizing universality of the Flood and its effects occur more than 30 times in Genesis 6 through 9.
2. The wording of the record could not be improved on, if the intention of the writer were to describe a universal flood; as a description of a river overflow, it is completely misleading and exaggerated, to say the least.
3. The purpose of the Flood was to destroy man from the face of the earth. Genesis 6:7

4. The Flood was also intended to destroy all animal life on the dry land. Genesis 6:17; 7:22
5. The Flood was even to “destroy the earth”. Genesis 6:13
6. The waters covered all the mountains. Genesis 7:19-20
7. The Flood was caused by a continual downpour lasting for 40 days (impossible under present conditions), concurrently with a bursting of great clefts in the crust, releasing “the fountains of the great deep”. Genesis 7:11; 8:2
8. The Flood lasted over a year. Genesis 7:11; 8:13
9. The ark was constructed for the purposes of keeping “seed alive upon the face of all the earth”. Genesis 7:3
10. The ark was far too large to accommodate a mere local or regional fauna. Genesis 6:15
11. The ark was entirely unnecessary for Noah, the animals, and especially the birds, to escape from a mere river flood.
12. God’s promise (Genesis 8:21; 9:11, 15) never to send a Flood again has been repeatedly broken if it were only a local or regional Flood.
13. The ordinary Hebrew word for “flood” is never used in describing the Noachic flood, which is uniquely called *mabbul*, meaning essentially “destructive catastrophe”.
14. The New Testament uses a unique term (kataklysmos or “cataclysm”) for the Flood (Matthew 24:39; Luke 17:27; 2 Peter 2:5; 3:6) instead of the usual Greek word for “flood”.
15. Even after four months of receding flood waters, the dove sent out by Noah could find no dry land on which to light. Genesis 8:9
16. All the earth’s dry land animals now living are descended from those preserved on the ark. Genesis 8:17, 19; 9:10
17. All men in the world today are descendants of Noah’s three sons. Genesis 9:1, 19
18. New cosmological conditions prevailed after the Flood, including distinct seasons (Genesis 8:22), the rainbow (implying changed meteorological conditions Genesis 9:13-14), and enmity between man and the animals (Genesis 9:2).
19. Later biblical writers accepted the universal Flood (note Job 12:15; 22:16; Psalm 29:10; 104:6-9; Isaiah 54:9; 1 Peter 3:20; 2 Peter 2:5; 3:5-6; Hebrews 11:7).
20. The Lord Jesus Christ accepted the historicity and universality of the Flood, even making it the climactic sign and type of the coming worldwide judgment when He returns. Matthew 24:37-39; Luke 17:26-27

Warren D. Allmon, Director of the Paleontological Research Institution in Ithaca, NY and professor at Cornell University *“Lyell also sold geology some snake oil. He convinced geologists that...all past processes acted at essentially their current rates (that is, those observed in historical time). This extreme gradualism has led to numerous unfortunate consequences, including the rejection of sudden or catastrophic events in the face of positive evidence for them, for no reason other than that they were not gradual.”*

Chapter Twelve

Fossils

Fossils are the preserved remains or traces of land or sea life, plants, and other organisms that lived in the past. Ninety-five percent of the fossils are the remains of marine invertebrates, and the vast majority of the remaining fossils are plants, trees, and algae. Less than one percent of the fossils are the remains of vertebrates.

For vertebrate fossils to form, the carcass has to be buried by sediments or volcanic ash soon after death. If scavengers, floods, or anything else scatters the bones, fossils are not as likely to form. Special PH conditions and the right chemicals have to be present to make sure the hard parts are not dissolved. The materials that bury the carcass must also become stone. This process is called lithification.

Evolutionary Perceptions and Expectations

Evolutionists love to point to fossils as proof of evolution. They repeatedly claim that the fossil record gives evidence that life developed from simple life forms to very complex life forms. Essentially every high school or college textbook makes these claims. We are told that fossils show wholesale changes to living things over vast amounts of time. They say that fossils show that primitive organisms gave rise to complex organisms and that the fossil record shows many transitional forms.

However, like other so-called evidence for evolution, fossils, in reality, show little, if any, genuine evidence for evolution.

The Cambrian Fossil Explosion

Fossils of clams, snails, sponges, jellyfish, and many other life forms all appear suddenly in the fossil record in what is known as the Cambrian explosion. Cambrian rock layers contain many animal fossils but there are very few in the Precambrian rock layers below them. Trilobites appear suddenly with no record of a transition from a single cell. They all appeared at the same time, not in different evolutionary ages. Precambrian rock layers show almost nothing besides blue-green algae and bacteria.

Evolutionists have been unable to explain why such richly diverse aquatic life forms appear so suddenly with no trace of evolutionary ancestry in lower (Precambrian) rock layers.

While the Cambrian explosion does not support evolution, it is very consistent with the worldwide flood of Noah's time. The Cambrian explosion gives evidence of massive mud flows, very quick burial, and death on a global scale. This massive flooding and the laying down of many sedimentary layers very quickly are exactly what would happen in a worldwide flood as described in the Bible.

Absence of Transitional Fossils (Missing Links)

If evolution were true and life did evolve from simple life forms to very complex advanced life forms,

then there should be many thousands, even millions, of transition fossils. If a lizard evolved into an alligator there would have been many in-between life forms. Throughout the history of life there would be many, many of these transitional life forms. These in-between life forms should have left many fossil records of their existence.

In the past and in recent history, billions of fossils have been found. However, in the entire fossil record with the billions of fossils found, there is no clear-cut evidence of any transitional fossils, when there should be many thousands of them.

Dr. Colon Patterson, who was the senior paleontologist at the prestigious British Museum of Natural History, wrote the following about transitional fossils (missing links): *“I will lay it on the line—there is not one such fossil for which one could make a watertight argument”*.

In the “National Geographic” in November 2004 it stated, *“The fossil history of life is like a 1000-page book, with 999 pages missing”*.

Stephen Gould, a leading evolutionist, stated, *“The extreme rarity of transitional forms in the fossil record persists as the trade secret of paleontology”*.

Stephen J. Gould wrote in “Natural History”, *“We fancy ourselves as the only true students of life’s history, yet to preserve our favored account of evolution by natural selection, we view our data as so bad that we never see the process we profess to study.”*

In many high school and college text books there are drawings that show a transition from an ape to modern man. The first picture is an ape and the last picture is a man. In between these are several drawings that show transitional forms from apes to men. This is a very well-known widespread chart of pictures, shown in many textbooks, museums, and in various other media. However, this is nothing more than an artist’s rendition of what evolutionists want to believe. It is not founded on known truth. The in-between pictures are not based on known life forms; rather, they are based on imagination and what evolutionists want you to believe, even though they have no foundation in reality.

The many missing links or lack of transitional fossils has led to a frantic search by many paleontologists to find missing links. This search has led to many false claims and even to a number of outright frauds.

A “feathered dinosaur” fossil from China, named “Archaeoraptor”, which supposedly proved birds evolved from dinosaurs, was later called a “total hoax” by “National Geographic” magazine. (November 1999).

Lucy is the name given to a famous fossil skeleton found in Ethiopia by an American anthropologist in 1974. Lucy was widely promoted as a missing link between apes and humans. However, since then secular scientists have admitted that Lucy shows nothing about human evolution and should not be considered a missing link.

Ida was a fossil that supposedly was a link between primates and other mammals. This find was highly publicized. In New York City, Mayor Michael Bloomberg was recruited to announce its finding. Yet, within days of the announcement’s scientists began to downplay it and publicly stated it was not a “missing link” as had been stated in its promotions.

These are just a couple of many examples of fossils that were wrongly identified as missing links. There are many others.

Fossils are not a record of increasing complexity from simple life forms to complex life forms.

In reality, there is no such thing as a “simple” life form. As we have already seen, even a one celled organism, especially with its DNA, is an extremely complex life form that cannot be explained by spontaneous generation or by chance mutations.

The fossil record is not a record of increasing complexity. There are many fossils that evolutionists claim are hundreds of millions of years old that are essentially identical to living life forms today. There have been no significant changes over the so-called millions of years of evolution. These are sometimes identified as “living fossils”. Living creatures alive today appear identical to fossils believed to be some 340 million years old. Known examples of living fossils include the coelacanth fish (fossil coelacanths are believed by evolutionists to be 340 million years old), Gingko trees (125 million years), crocodiles (140 million years), horseshoe crabs (200 million years), the Lingula Lamp Shell (450 million years), Neopilina molluscs (500 million years), and the tuatara lizard (200 million years).

One evolutionist wrote, “*like the nautilus, sea turtles retain all their core characteristics and thus show no evidence of evolution after 120 million years*”.

Living fossils make no evolutionary sense whatsoever. There is no genuine evidence of large-scale changes in the fossil record.

In the Cambrian explosion, there are many life forms that are identical to life today. Starfish, snails’ sponges, jellyfish, clams, sea urchins, segmented worms, trilobites, and octopus. Supposedly 500 million years of evolution, but they are essentially identical to the modern creatures living today. Why don’t they show millions of years of gradual evolution???

Soft Tissue in Fossils

A major movement in the study of fossils has occurred in the last twenty-five years or so. There have been numerous fossils found that still have soft tissue in the bones. This has been a major development in the study of fossils. In the 1990's dinosaur bones with intact blood vessels and even blood cells were found. This has been written about extensively in peer reviewed journals in the last twenty years or so.

Other fossils with hair, feathers, and even skin have been found. Scientists found a squid fossil with an ink sack, and they were able to write with the ink after water was added. Fossils with molecules of protein, pigments, collagen, intact DNA, and soft parts of the eye have been found. A pliable marine tube worm was found in Precambrian material, which secular scientists date at 551 million years old.

Soft tissue has been found in human neanderthal bones that secular scientist believe to be millions of years old.

Since these discoveries, creation scientists have also found numerous fossils with soft tissues and have verified these findings.

The problems these findings pose for evolutionists are obvious. If a fossil is millions or hundreds of millions of years old, why are there still these kinds of soft tissues in the bones?

Dr. Mary Schweitzer, Montana State University and the Museum of the Rockies, was one of the first to discover soft tissue, including red blood cells, in dinosaur bones. (Working with Jack Horner – who is sometimes identified as “Mr. Dinosaur”) They reported that one bone, when broken, stank (stunk?). They found soft blood vessels that were flexible and resilient and, when stretched and released, they returned to their original shape. She found things that “looked like” blood cells. She stated that she wouldn’t believe it herself until she had done experiments on the bone seventeen times. She stated on a PBS “Nova” program, *“When you think about it, the laws of chemistry and biology and everything else that we know say that it (the soft tissue) should be gone, it should be degraded completely”*.

Dr. Schweitzer also wrote in “Science” magazine in 1994, referring to her findings, *“It was like looking at a slice of modern bone. But, of course, I couldn’t believe it. I said to a lab technician: ‘The bones, after all, are 65 million years old. How could blood cells survive that long?’”*

Evolutionist Dr. Phil Curry stated, *“the nodules prevented water from entering the bones, which for all intents and purposes cannot be distinguished from modern bones”*.

Tom Kaye from the Burke Museum of Natural History in Seattle stated, *“This will be nothing or the biggest revolution in paleontology ever”*.

In “Discover” magazine in 2006, Mary Schweitzer wrote, *“I had one reviewer tell me that he didn’t care what the data said, he knew that what I was finding was impossible.”* Schweitzer went on to say, *“I wrote back and said, ‘Well what data would convince you?’ And he said, ‘none’”*.

From a broken dinosaur bone in Montana soft tissue, un-fossilized bone, collagen, blood vessels, and red blood cells have been found. Now they have found the same kinds of things in fossilized lizards, birds, and monkeys as well.

Some scientists have responded by theorizing that iron in the system has preserved the soft tissue. This theory has also been discredited, but continues to be used.

These kinds of findings pose no problems for creation scientists who believe in the literal accuracy of the Word of God. According to the Bible, the flood occurred a little over four thousand years ago and creation scientists believe that the vast majority of the fossils were buried during the flood. Soft tissues in fossil bones strongly support the Biblical teaching of a young earth.

Polystrate Fossils

Polystrate fossils are trees that stand straight up through many layers of sedimentary rocks. Did that tree last for millions of years while the layers were slowly and gradually laid down over hundreds of millions of years? In reality, layers of sediment around trees standing straight up had to form very quickly.

Philip J. Currie and Eva B. Koppelhus, both evolutionists, wrote in 101 Questions About Dinosaurs, (p.11) *“the amount of time that it takes for a bone to become completely permineralized or fossilized is highly variable. It is a process that can take anywhere from a few hours to many years. If the groundwater is heavily laden with minerals in solution, the process can happen rapidly. Modern bones that fall into mineral springs can become permineralized within a matter of weeks”*.

Carbon-14 in Fossils

Carbon-14 is a radioactive isotope with a maximum life of 100,000 years. It is an element found in living things, or their remains, which includes fossils. Carbon-14 decays into nitrogen-14. It has a very short half-life of less than 6000 years. If the whole world were made of carbon-14, it would all be totally gone in 100,000 years. Therefore, it would be impossible for anything over 100,000 years old to have carbon-14 in it.

By measuring the ratio of carbon-14 and nitrogen-14, the age of the remains of living things can be measured. This is a complex procedure and is still being studied; however, the basics are known.

Scientists have found carbon-14 in many fossils. This is strong evidence that they could not possibly be over 100,000 years old. They could not be millions of years old and still have carbon-14 in them.

According to the Bible, the earth is about 6000 years old, not millions or billions of years old. This date is supported by carbon-14 which is found in many fossils and even coal beds which are remains of living things.

Chapter Thirteen

Dinosaurs

According to the Bible, God created the land animals on day six of the six-day creation week.

Then God said, "Let the earth bring forth living creatures after their kind: cattle and creeping things and beasts of the earth after their kind"; and it was so. God made the beasts of the earth after their kind, and the cattle after their kind, and everything that creeps on the ground after its kind; and God saw that it was good. ...God saw all that He had made, and behold, it was very good. And there was evening and there was morning, the sixth day.

Genesis 1:24-25, 31 (NASB)

Dinosaurs were a land animal; therefore, they would have been created on day six of the creation week. God also created man on day six. This means that man and dinosaurs were both created on creation day six and that men and dinosaurs were both living at the same time after creation.

According to evolutionary theory, dinosaurs lived from about 65 million to 250 million years ago. They believe that man did not evolve until about one or two million years ago. The Biblical teaching that dinosaurs and man were created on the same day is ridiculous and absurd to many who are committed to naturalism and evolution.

The word "dinosaur" does not appear in the Bible. One reason is that the word "dinosaur" did not become an English word until 1841, and the King James Version of the Bible was translated long before that. There are many who believe that the description of "behemoth" in Job 40 is actually a description of a large dinosaur. Part of this description is as follows:

**"Look at the behemoth,
which I made along with you
and which feeds on grass like an ox.
What strength he has in his loins,
what power in the muscles of his belly!
His tail sways like a cedar;
the sinews of his thighs are close-knit.
His bones are tubes of bronze,
his limbs like rods of iron.
He ranks first among the works of God, (the biggest?)**

According to many creation scientists, this is a very good and accurate description of a large dinosaur. Others have said that this description is of a hippopotamus or of an elephant. However, if you have been to the zoo lately and looked at the tail of either of these animals, you might notice that they hardly resemble a cedar tree. The cedar trees in the USA are not particularly big trees, but the cedars of Lebanon, which this Scripture refers too, are huge trees like some of the biggest and tallest pine trees in the USA. While we cannot be dogmatic, the description in Job 40 sounds very much like a Sauropod dinosaur.

Many of us also believe that the description of Leviathan in Job 41 is also a description of a dinosaur which spent much of its time in the water. It may be a description of a plesiosaur which was a large water dinosaur.

There are some Christians who believe that the descriptions of the behemoth and leviathan are just mythological creatures. Yet, in these chapters, bears, lions, ravens, deer, donkeys, oxen, horses, locusts, and hawks are also written about. Are these all-mythological creatures as well? There is no contextual reason to say that behemoth and leviathan are mythological, but all the other animals are real. In this context God is using all of these creatures to describe His power and understanding. Would God use a mythical creature to describe His power and understanding?

Many people, including many of our children, are attracted to dinosaurs. Evolutionists, through media outlets, have many, probably most, of our children believing in the evolutionary theory which teaches as fact that dinosaurs existed millions of years before man evolved on earth. Many evolutionists love to talk about dinosaurs and they insinuate that dinosaurs prove evolution. This is continually presented and accepted as fact. Many Christians also believe this without questioning it.

Were dinosaurs created on day six along with man, as the Bible teaches, or did dinosaurs evolve and live millions of years before man?

Carefully consider each of the following:

Soft Tissue Found in Dinosaur Fossils

In the last chapter, which was about fossils, we covered the recent discoveries of soft tissue in dinosaur bones and other fossils.

In dinosaur bones they have discovered soft tissue, blood vessels, red blood cells, and collagen. These have been found in numerous dinosaur bones and in other fossils as well. Soft blood vessels would snap back into place when stretched and released.

According to secular science, the maximum collagen life is 900,000 years, less than a million years. Collagen has also been found in many other fossils, such as lizards and birds.

The existence of soft tissue, including soft blood vessels, intact blood cells, and collagen, in dinosaur bones is very strong evidence that these bones are not millions of years old.

Common sense, as well as scientific evidence, tells us that these bones could not be many millions of years old. They cannot be, at the most, more than a few thousand years old.

Mary Schweitzer is one of the first who found this. She stated, *"It was exactly like looking at a slice of modern bone. But of course, I couldn't believe it. I said to the lab technician: 'The bones, after all, are 65 million years old. How could they survive that long?'"* She also stated, *"It was totally shocking, I didn't believe it until we'd done the experiment seventeen times."*

Evolutionists have not been able to explain this. They have set forth many unsubstantiated possibilities. Many simply refuse to believe it, no matter what the evidence is. However, soft tissue in dinosaur and other bones strongly supports the Biblical account of creation.

Mary Schweitzer also wrote in "Discover" magazine in 2006, *"I had one reviewer tell me that he didn't care what the data said, he knew that what I was finding was impossible".* Schweitzer went on to say, *"I wrote back and said, 'Well what data would convince you?' And he replied, 'none.'"*

The man spoken about in this quote represents many others, including scientists. They would not believe anything that goes against evolution, no matter what the evidence is.

“I do not want to believe in God, therefore I choose to believe in that which I know is scientifically impossible: spontaneous generation arising to evolution”.

George Wald, Harvard University Nobel Laureate

The Existence of Carbon-14 in Dinosaur Bones

In the last chapter on fossils, we also covered the existence of carbon-14 in dinosaur bones. Carbon-14 is a radioactive isotope with a maximum life of one hundred thousand years. Yet, it has been found many times in dinosaur bones. Again, this is very solid evidence that these fossils are not millions of years old.

The Discovery of Un-fossilized Dinosaur Bones

In Alaska, and in other places, un-fossilized dinosaur bones have been found. Again, this is strong evidence that they are not hundreds of millions of years old. Any kind of animal remains could not last for millions of years without being fossilized.

Absence of Transitional Fossils

There is no evidence in the fossil record of the dinosaurs evolving from simpler forms of life. They appear in the fossil record as fully formed, complex life forms. If they actually did evolve, there should be hundreds of transitional forms, but there are none.

Dinosaurs Show Evidence of Design

Dinosaurs were complex creatures. For example, an adult Sauropod was huge -- about 110 feet long and it has been estimated that it weighed as much as 65 tons. The sauropod body or frame was designed to handle weight. Its legs were like pillars and its hips, pelvis, and vertebra were all designed to handle that much weight. Are these, and all other dinosaurs, really the result of accidental mutations?

Drawings of Dinosaurs

In many places around the world there are many drawings, made by people who lived in the past, of many kinds of animals. Most of these animals are recognizable as animals that exist today. It is very significant that included in these drawings there are recognizable drawings of dinosaurs.

These drawings predate paleontology. They were not made by individuals finding skeletons and assembling them, and then making an artist's rendition of what the animal may have looked like.

These drawings are clearly recognizable as dinosaurs. One feature of dinosaurs is that their legs go straight down. The legs of other reptiles, like alligators, go out the side and then down. These drawings are anatomically correct for dinosaurs.

There are dinosaur pictures on pottery found in South America from about 800 A.D. Actual pottery figurines of dinosaurs were found in Acambaro, Mexico, dating from about 800 B.C. to 200 A.D.

In England at the Carlisle Cathedral, on a brass plate on the tomb of Bishop Bell, who died in 1496, there are two very convincing drawings of sauropod dinosaurs.

In Cambodia at the Buddhist Ta Prohm Temple which was constructed in 1186, there is a very recognizable drawing of a stegosaurus.

In Ireland there is a drawing of a large beast with “iron nails” on its tail that pointed backwards. It has a head like a horse, thick legs, and strong claws. It looks like a stegosaurus.

In the National Bridges National Monument in Utah there are drawings of a dinosaur and many other animals on a cave wall. Evolutionist Fran Barnes, an authority on southwest rock art, said that it bears a striking resemblance to a dinosaur. There are also dinosaur drawings in the Painted Cave in New Mexico.

A picture (George and the Dragon) in Venice, made around 1500 A.D., shows a man spearing what looks like a dinosaur.

These are just a few of many dinosaur drawings around the world.

If just one of these is real, it poses a huge problem for evolutionists.

Verbal and Written Descriptions of Dinosaurs

Aborigines in Australia described what they called a “bunyip” which was a very good description of a duck billed dinosaur. They also described what they called a “Yarru” trapped in a lagoon. Their description and drawings closely resembled a plesiosaur.

The ancient historian, Aelianus, writes of a dragon in India that scared Alexander the Great’s whole army. It was described as being 70 cubits (about 105 feet) long with eyes as large as a shield. It hissed and roared so loud that it terrified the whole army.

Dragon Legends

There are dragon legends in essentially every culture worldwide. The descriptions in these legends sound very much like dinosaurs. If there were only a few of these, then perhaps they would not have to be taken seriously; but there are many worldwide.

In a science magazine they reported a new kind of dinosaur fossil found in Canada with many horns on its head. It was described as a “new kind of dinosaur that looks like a dragon”.

“St. George and the Dragon” is a legend from Venice that was illustrated by a man spearing what looks like a dinosaur.

The abundance of these legends strongly indicate that they are based in something real, not based in mythology. If there were just a few of these legends, they would not need to be taken seriously, but their worldwide prevalence is evidence that they are not all mythological.

These kinds of legends are so prevalent that Carl Sagan, a leading evolutionist, felt compelled to explain why there are so many of these legends. His explanation was that while we were still an animal that coexisted or lived with the dinosaurs, we formed many memories. These memories came back to us after we evolved into human beings. Thus, the abundance of legends today are based on genuine memories of dinosaurs that date back many millions of years. Perhaps you can share with us some of your favorite dinosaur memories.

Dinosaurs and the Ark

Some have questioned if the dinosaurs could have fit on the ark. We think of dinosaurs being very big, but the average size of a dinosaur was about the size of a sheep. God’s purpose for the animals on the ark was to replenish the earth. He would not have brought older very large animals, but rather smaller young animals. Also, most people don’t realize the size of the ark. It was about 450 feet long, 75 feet wide and 45 feet tall. It would hold about 15,000 average sizes cars.

No one knows exactly when or why the dinosaurs went extinct. Scientists have estimated that about 225,000 species of animals have gone extinct. Of the millions of life forms in existence, several species go extinct every day.

No genuine scientific evidence about dinosaurs contradicts the Bible. It is God who determines the course of history, not the assumptions of those who deny Him.

Where were you when I (God) laid the earth's foundation? Tell me, if you understand.

Job 38:4 (NIV)

Is it by your understanding that the hawk soars, Stretching his wings toward the south?

Is it at your command that the eagle mounts up, and makes his nest on high?

Job 39:26-27 (NASB)

Chapter Fourteen

The Fruit of Evolution

For although they knew God, they did not honor him as God or give thanks to him, but they became futile in their thinking, and their foolish hearts were darkened. Claiming to be wise, they became fools, and exchanged the glory of the immortal God for images resembling mortal man and birds and animals and creeping things. Romans 1:21-23 (ESV)

They exchanged the truth of God for a lie, and worshiped and served created things rather than the Creator—who is forever praised. Romans 1:25 (NIV)

When individuals or whole cultures reject the Word of God and its teaching about creation, it affects the way they think about essentially everything, including themselves, other people, and the world we live in. It determines what we value and what we believe is important. It has a major impact on how we think about essentially everything, and it has a major impact on our actions.

When one rejects the supernatural and believes that there is no creator and that we exist as the result of purely natural forces, then, in his way of thinking, we are not answerable or accountable to any higher authority. There is no moral law or basis for morality. Staying alive is nothing more than the strongest and the smartest people flourishing for a period of time while the weaker die off.

Listen to what some leading evolutionists have had to say.

Values and Purpose in Life

William B Provine, Professor of Biology, Cornell University -- *“Let me summarize my views on what modern evolutionary biology tells us loud and clear: There are no gods, no purpose, no goal directed forces of any kind. There is no life after death. When I die, I am absolutely certain that I’m going to be dead- that’s the end for me. There’s no ultimate foundation for ethics, no ultimate meaning to life and no free will for humans either.”*

Julian Huxley -- *“...man is just as much a natural phenomenon as an animal or plant; ...his body, mind, and soul were not supernaturally created but are the products of evolution ...he is not under the control or guidance of any supernatural being or beings, but has to rely on himself and his own powers.”*

Charles Darwin wrote in his autobiography, *“A man who has no assured and ever-present belief in the existence of a personal God, or of a future existence with retribution or reward, can have for his rule of life, as far as I can see, only to follow those impulses and instincts which are the strongest or which seem to him to be the best ones”.*

Richard Lewontin, Harvard University – *“It is not the methods and institutions of science that compel us to accept a material explanation of the phenomenal world, but on the contrary, that we are forced by our a priori adherence to material causes to create an apparatus of investigation and a set of concepts that produce material explanations, no matter how counterintuitive, no matter how mystifying to the uninitiated, moreover that materialism is absolute, for we cannot allow a Divine foot in the door.”*

Lawrence Krauss of Kansas State University stated that *"We are just a bit of pollution, ... if you got rid of us, the universe would be largely the same. We're completely irrelevant."*

Richard Dawkins stated that although people wonder about the meaning of life, the fact is that life has no meaning or higher purpose other than to perpetuate our DNA.

According to one writer, from an evolutionary viewpoint, "people have no purpose, no morals, and we are responsible to no one. We are simply one bag of chemicals interacting with other bags of chemicals."

Evolution and the Bible

Charles Darwin -- *"...the Old Testament from its manifestly false history of the world ... was no more to be trusted than the sacred books of the Hindus, or the beliefs of any barbarian."*

Ronald Numbers in 2009 stated, *"For creationists, history is based on the Bible, and the belief that God created the earth six to ten thousand years ago. ... We humans were perfect because we were created in the image of God. And then there was the fall. Death appears and the whole account (in the Bible) becomes one of deterioration and degeneration... then we have Jesus in the New Testament, who promises redemption. Evolution completely flips that. With evolution you don't start out with anything perfect, you start out with primitive little wiggly things, which evolve into apes and, finally humans. There was no perfect state from which to fall."*

Richard Dawkins – *"...understanding evolution led me to atheism."*

George Wald, Harvard University. Nobel Laureate. – *"I do not want to believe in God, therefore I choose to believe in that which I know is scientifically impossible: spontaneous generation arising to evolution"*.

Charles Lyell, an influential geologist in the past, wrote in 1881 that his purpose was to *"free science from Moses"*. Lyell's writing had a major impact on the thinking of most future scientists and other thinkers, including Charles Darwin.

Michael Ruse wrote, *"Evolution is promoted by its practitioners as more than mere science. Evolution is promoted as an ideology, a secular religion---a full-fledged alternative to Christianity with meaning and morality. I am an ardent evolutionist and an ex-Christian, but I must admit that in this one complaint...the literalists are absolutely right. Evolution is a religion."* Michael Ruse, "Saving Darwin from the Darwinians," "Nation Post" May 13, 2000.

Darwin called himself, "the devil's chaplain". According to Niles Eldredge – *"Darwin did more to secularize the western world than any other single thinker in history."* It has been said, and is apparently true, that Charles Darwin's book, The Origin of Species, has influenced the western world more than any other book ever written except for the Bible itself.

Teaching Evolution

John Dunphy, a committed evolutionist wrote, “...the battle for humankind’s future must be waged and won in the public school classroom ...in whatever subject they teach ...pre-school, day care, or large state universities ...an arena of conflict ...the rotting corpse of Christianity and the new faith of humanism.”

Some who have studied the most effective ways of teaching evolution to children have stated that children naturally see the world and themselves as designed for a purpose. Some resist evolutionary teaching because it leads to believing that neither they nor the world have a fundamental purpose or reason for existence. This has led to studies being done on the most effective ways of teaching evolution to children and getting them reject Biblical teaching relating to creation.

The Fruit of Evolution

As we have seen, evolution recognizes no moral accountability; therefore, there is little restraint on the sinful nature and there is little or nothing on which to build a standard of ethics. With no basis for morality and no accountability, there is little to restrain man’s sinful nature. This world view has led to some very unpleasant things.

Jeffrey Dahmer, a mass murderer stated, “If a person doesn’t think there is a God to be accountable to, then what’s the point of trying to modify your behavior to keep it within acceptable ranges? That’s how I thought anyway. I always believed the theory of evolution as truth, that we just came from slime. When we died, you know, that was it, there is nothing...”

Erik Pekka, a Finnish killer, said in a You Tube video clip, “I cannot say that I am of the same race as this miserable, arrogant and selfish human race. No! I have evolved a step higher. I, as a natural selector, will eliminate all who I see unfit, disgraces of the human race and failures of natural selection. I am the law, judge, and executioner. There is no higher authority than me.”

The two Columbine killers were committed evolutionists. They planned their killing on Hitler’s birthday. One was wearing a tee shirt that said, “natural selection”.

Dr. Richard Lewontin Harvard geneticist -- “Scientists, like others, sometimes tell deliberate lies, because they believe that small lies can serve big truths.”

Darwin, Evolution, and Racism

And God created man in His own image, in the image of God He created him; male and female He created them. Genesis 1:27 (NASB)

The Bible clearly teaches that we are all created in the image of God. That includes all people, regardless of race, sex, social class, or economic status.

There is neither Jew nor Greek, there is neither slave nor free man, there is neither male nor female; for you are all one in Christ Jesus. Galatians 3:28 (NASB)

Darwin himself, along with many other evolutionists, were extreme racists.

The full title of Darwin's first book was, *The Origin of Species by Means of Natural Selection: or the Preservation of Favored Races in the Struggle for Life*. This title alone was clear evidence that Darwin believed that some races were "favored races".

Darwin wrote several books, and in the *Decent of Man* (1871) he shows pictures or drawings that supposedly show how the "less favored races" with "smaller brains" evolved into the more favored races. Darwin stated that those less favored races "had smaller brains", "were like wild beasts", and "were savages".

Darwin stated that *"the Negro and gorilla were on the same evolutionary level..."*.

Francis Galton stated that *"while most barbarous races disappear, the Negroes did not"*.

Tomas Huxley stated that *"no rational man...believes that the average Negro is equal to the white man"*.

Stephen Gould. Belknap-Harvard Press. 1977. *"Biological arguments for racism may have been common before 1850, but they increased by orders of magnitude following the acceptance of evolutionary theory."*

Darwin believed that at the pinnacle of the races were the European Germanic and Anglo Saxons while at the bottom were the Negroes, New Zealanders, Australians, Tahitians, Fuegians, and several other ethnic groups. Darwin believed that eventually many of the "savage" races would be eliminated by natural selection.

Evolution and Eugenics

Darwin's beliefs about races led very directly to what is known as eugenics. Eugenics teaches that some human races have evolved further than other races, and are, therefore, superior to the others. They believed that the evolutionary process in human beings could and should be aided by eliminating weaker or inferior races and other people who are unfit for life.

Darwin's cousin, Sir Francis Galton, who was also a staunch evolutionist and a committed disciple of Darwin, has been identified as the father of eugenics.

They believed that there was human life that was not worthy or fit for living.

Richard Dawkins stated that *"it was immoral to bring a child with downs syndrome into the world."*

Like its father, which is the theory of evolution, eugenics teaching spread rapidly.

There is a clear trail from Darwin, evolution, and eugenics to German intellectual thinkers and leaders. One writer stated that *"Darwin's natural selection based on violent and fatal competitive struggle became the gospel of German intellectuals"*.

Long before Hitler, the whole concept of eugenics was flourishing in Germany. In the first world war

eugenics societies were common in Germany. Authors such as Karl Binding and Alfred Hoche wrote about “*allowing the annihilation of life unworthy of life*”.

Adolph Hitler wrote, “*we have sinned grievously against the law of natural selection by allowing handicapped people to live*”. In Germany, from 1930-1931, 250,000 people with intellectual or physical disabilities were killed.

Hitler wrote in *Mein Kampf* (1924), “*There must be no half measures. It is a half measure to let incurably sick people steadily contaminate the remaining healthy ones. This is in keeping with the humanitarianism which to avoid hurting one individual, lets a hundred others perish*”.

It is within this context that German leaders stated that “*for the good of the world, there should be war*”. The result was World War 1 with ten million lives lost, and World War 2 with some seventy million lives lost.

Ernst Haeckel, another ardent disciple of Darwin, introduced the concept of a “*dose of some painless and rapid poison to get rid of the undesirables*”. This led to the development of the infamous “gas chambers” of the holocaust. Under Hitler about six million Jews and five million others were killed, with evolution or eugenics used as the justification.

According to many, without Darwin there would have been no Hitler. Hitler believed that the Aryan race was the superior “well bred” race and determined that they should conquer and rule the world. This was the underlying cause of World War 2 in which about seventy million people lost their lives.

Hitler was “*extremely hostile towards the church and Christianity*”. He believed that the Christian church was the major obstacle to achieving his goals.

The concept of eugenics has been used to justify the killing of many other millions of people. Adolf Hitler, Joseph Stalin, Mao Zedong, and Pol Pot were leaders who led in the killing of many, many millions of people. They all believed they were the superior race, and they used eugenics to justify their killing of millions of so called weak, unfit, “inferior” people of “inferior” races.

Karl Marx, the father of communism, was an avid disciple of Charles Darwin.

Joseph Stalin became an atheist after reading Darwin’s book. He believed that the teaching of evolution would turn men against God. Stalin stated, “*I’ll lend you a book to read. It will show you that the world and all living things are quite different from what you believe, and all this talk about God is sheer nonsense*”. The book he was referring to was Darwin’s book, The Origin of Species. Under Stalin some thirty million or more people lost their lives, again with eugenics and evolution used as justification for the killing.

In China, Mao Zedong used the same argument to justify killing some eighty million people. Pol Pot in Cambodia followed communist doctrine and used the same justification for his mass killings.

The numbers given in various literature about these mass killings vary considerably, but if you add up the numbers given and include the world wars, eugenics has been used to justify the killing of roughly the same number of people who currently live in the United States.

In the USA

In the USA, in the early 1900's, a man named Charles Davenport, a professor of evolutionary biology and a follower of Francis Dalton, studied genetics and promoted the idea that evolution in people should be assisted to ensure the survival of the most advanced people. He and others believed that only the most advanced people should be allowed to “breed” and produce offspring. As a result, in the USA about 60,000 people were forcibly sterilized in the early 1900's.

Charles Davenport also had a significant impact on the thinking of Adolf Hitler and gave impetus to the Nazi movement.

In Hunter's Civic Biology, a textbook which was published in 1914 in the USA, it stated, “*At the present there exist upon the face of the earth five races or varieties of man, each very different from the others in instincts, social customs, and, to an extent, in structure. These are the Ethiopian or Negro type originating in Africa; The Malay or brown race from the islands of the Pacific; the American Indian; the Mongolian or yellow race, including the natives of China, Japan, and the Eskimos; and finally, the highest type of all, the Caucasians, represented by the civilized white inhabitants of Europe and America.*” The book advocated the necessity of maintaining the superior race by whatever means possible.

In Australia, Aborigines were murdered and their bodies put on display as examples of “missing links”. Others were captured alive, put in a zoo and exhibited as part of Australia's animal world.

Today, the abortion and euthanasia movements are rooted in evolutionary thinking. Human life is not a creation of God and is not sacred. We are no more sacred than any other animal; therefore, it is not wrong to eliminate the unwanted or those “unfit” for life.

Darwin and Sexism

Darwin also believed that women were inferior to men because men had evolved to a higher level than women. Women were “biologically and intellectually” inferior to men. Darwin said women had “smaller brains”, were “eternally primitive”, “childlike”, “less spiritual”, “more materialistic”, and a “real danger to contemporary civilization”. He did say that women were “more fun to play with than a dog”.

Darwin concluded that because women evolved at a slower pace than man, that a woman was, “in essence, a stunted man”. According to Darwin, a woman was superior to man only in sexual attraction.

Deception and Fraud in Evolutionary Teaching

As we have already seen, when one does not accept the authority of God in his life, there is little motivation to live an upright or “righteous” life. Without a sense of morality, there is little to restrain the human desire to exalt oneself and to promote one's own agenda, using whatever means necessary to reach his goals.

To be fair to evolutionists, we should admit that there has also been a significant amount of deception, greed, and even fraud in Christian circles. Satan is active in Christian churches, and individuals need to use a lot of discernment in who they listen to.

Jeremy Rifkin, a devoted evolutionist, wrote in 1983, *"We no longer feel ourselves to be guests in someone else's home and therefore obligated to make our behavior conform with a set of pre-existing cosmic rules. It is our creation now. We make the rules. We establish the parameters of reality. We create the world and because we do, we no longer have to justify our behavior, for we are now the architects of the universe. We are responsible to nothing outside ourselves, for we are the kingdom, the power, and the glory for ever and ever"*.

If they believe they are answerable to no one, and there is no moral authority, how can we trust them to be honest or tell the truth in their teaching and writing? Their way of thinking has led to a great deal of deception, and at times outright fraud, in evolutionary literature and teaching.

Dr. Richard Lewontin, Harvard geneticist, stated, *"Scientists, like others, sometimes tell deliberate lies, because they believe that small lies can serve big truths."*

Following are just a few of the examples of deception in evolutionary teaching and literature:

In the 1910's, a jaw bone and skull and other bones were found in a rock quarry in England. It was given the name "Piltdown Man". Upon examination by "experts", it was determined that it was an evolutionary link between apes and men. It was heralded as a major find that supported evolution, and received much attention. Apparently over 500 articles were written about it, including several Ph.D. doctoral theses. Piltdown man was used to teach evolution as fact for nearly forty years.

In 1953, Piltdown Man was exposed as a pure forgery. The skull was from a modern human and the jaw bone was from an orangutan. The teeth had been filed down to make them look human and the bones and teeth had been chemically treated to make them appear ancient. It was determined that none of the bones found at the quarry had been originally buried at the quarry.

Ernst Haeckel was a committed disciple of Darwin. He was a talented artist and drew many pictures that supposedly demonstrated the validity of evolution. He drew the first evolutionary tree of life. He also drew the first series of drawings supposedly illustrating the progression or evolution of life from simple life forms to man, and other drawings that illustrate the progression of life from apes or monkeys to man.

These kinds of drawings are an icon of evolution and are seen in hundreds of articles and textbooks. There have been many different versions of these drawings. However, according to Dr. Jerry Bergman and many others, even in many evolutionary circles, these drawings are recognized to be false and inaccurate. Yet, few evolutionists will openly admit it. They are nothing but a series of drawings, but are widely promoted as being an accurate representation of known human evolutionary history.

Ernst Haeckel is best known for his drawings of embryos which he claimed were based on photographs, which supposedly demonstrated how human evolution takes place in the human womb (phylogeny) as an embryo develops into a fully developed baby. Haeckel claimed his embryo drawings were based on genuine scientific observations. However, it turned out that these drawings were all completely faked. They were nothing but pure forgeries. When real embryos that Haeckel's drawings supposedly represented were photographed, they were far different and had little or no

resemblance to Haeckel's drawings. This is well known to evolutionists; yet, drawings of Haeckel's embryos are still shown in many textbooks and in other literature today.

In 1922 an "astonishing discovery" was made in Nebraska. It was a tooth that was announced to be the first finding of an anthropoid ape in the United States. Drawings of complete families were made and published as a result of finding this single tooth. Nebraska Man was even used as evidence in the Scopes evolution-creation trial in 1925. However, after all the hype died down, it was discovered that the tooth was, in reality, nothing but a pig's tooth.

In evolutionary literature and in modern times there is an ongoing stream of media coverage about findings that are supposedly findings of missing links between apes and people. The findings receive broad coverage, but later, when these supposedly spectacular finds are shown to not be what they were represented to be, there is little or no media coverage.

One example of this is "Lucy". A part of a "human skull" was found in Ethiopia. For thirty years Lucy was proclaimed to be a 3.2-million-year-old ancestor of modern man. She received coverage in many television shows, magazines, textbooks and other books, newspapers, and in museums.

However, after more study, it was determined that Lucy's fossils were actually from an extinct primate and was not related to man at all. Lucy's demise falsifies thirty-three years of evolutionary hyperbole and propaganda. Richard Leakey said that Lucy's skull was so incomplete that it was made mostly of imagination and plaster of Paris.

In many articles and textbooks, different sized horses are shown as evidence of evolution. Small horses are shown as the most undeveloped and large horses are shown as the most developed horses. This assumes that the bigger the animal the more evolved it is. This is simply not true; yet, many biology textbooks, and in many other articles, these kinds of horse charts are given as proof of evolution. Again, this illustrates that being deceptive is not an issue with many evolutionists.

Dr. Niles Eldredge, who is curator of the American Museum of Natural History in New York City, wrote, *"I must admit that an awful lot has gotten into textbooks as though it were true. For instance, the most famous example still on exhibit downstairs (in the American Museum) is the exhibit on horse evolution prepared perhaps fifty years ago. This has been presented as literal truth in textbook after textbook. Now I think that is lamentable, particularly because the people who propose these kinds of stories may be aware of the speculative nature of some of this stuff"*.

Another widely used "evidence of evolution" was the peppered moth. Before the industrial revolution, some trees in the England were light colored; however, the pollution created by the industrial revolution turned the tree trunks a darker color. Light colored moths that supposedly rested on tree trunks were supposedly an easier target for birds than were moths that evolved into a darker color. This was widely given as a proof of evolution. Peppered moths are an icon of evolution.

As time progressed it came to light that peppered moths do not even light on or rest on tree trunks. They stay and rest among the leaves of trees, not on the trunks. The pictures of moths on the trunks of trees were made from dead moths pinned or glued to trees and the moths had been died a darker color. Later experiments were done to show that the conclusions were valid even though the initial claims were based on fraudulent evidence. These experiments were also not founded on genuine natural circumstances and were based on unnatural situations created by the experimenters.

In spite of the known misrepresentations, peppered moths are still widely used as evidence for evolution and are still included in many textbooks.

The crazy thing about it is that these moths are apparently able to change color when observed in purely natural circumstances. In fact, they apparently are able to change back and forth from light to dark to light again and back to dark. This is not proof of evolution but rather a demonstration of the God designed ability of living things to adapt to their environment. God programed their DNA to deal with these situations. However, no one has seen a peppered moth turn into a sparrow, or any other kind of life, which would be necessary for evolution to genuinely occur.

In an editorial, "Is Science Really a Pack of Lies?", in "Nature" magazine in 1981, they wrote, "*The dozen or so proven cases of falsification that have cropped up in the past five years have occurred in some of the world's most distinguished research institutions - Cornell, Harvard, Sloan-Kettering, Yale, and so on*".

"I the LORD search the heart and examine the mind, to reward a man according to his conduct, according to what his deeds deserve." Jeremiah 17:10 (NIV)

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

Conclusion

Throughout this study we have looked at two fundamentally different worldviews or positions when considering the origin and the sustaining of the universe, of the earth, and all life on earth, including people. We have also considered questions such as, “Is there a purpose for our being here?”, and “What is our future?”.

In this concluding chapter we will take one more brief look at these two worldviews.

Worldview One

The position supported in this study is that there is a supernatural, intelligent, and all powerful, creator God as taught in the Word of God, the Bible. God is both the creator and the sustainer of all that exists, including all life. The Word of God is a true and accurate record of creation, and the Bible should not be deliberately interpreted in such a way as to accommodate man’s naturalistic theories of the origins and development of the universe and of all life.

In the beginning God created the heavens and the earth. Genesis 1:1 (NASB)

For by Him (Jesus) all things were created, both in the heavens and on earth, visible and invisible, Colossians 1:16a (NASB)

By faith we understand that the universe was formed at God's command, so that what is seen was not made out of what was visible. Hebrews 11:3 (NIV)

God’s creation demonstrates the intelligence and the power of God.

The heavens declare the glory of God; the skies proclaim the work of his hands. Day after day they pour forth speech; night after night they display knowledge. There is no speech or language where their voice is not heard. Their voice goes out into all the earth, their words to the ends of the world. Psalm 19:1-4 (NIV)

For since the creation of the world His invisible attributes, His eternal power and divine nature, have been clearly seen, being understood through what has been made, so that they (all people) are without excuse. For even though they knew God, they did not honor Him as God or give thanks, but they became futile in their speculations, and their foolish heart was darkened. Professing to be wise, they became fools, Romans 1:20-22 (NASB)

According to the Bible, God simply spoke all the parts of the universe and all life, except for humans, into existence.

By the word of the LORD the heavens were made,... Let all the earth fear the LORD; Let all the inhabitants of the world stand in awe of Him. For He spoke, and it was done; He commanded, and it stood fast. Psalm 33:6a, 8-9 (NASB)

Then God said, "Let there be light"; and there was light. Genesis 1:3 (NASB)

And God said, "Let the land produce living creatures according to their kinds: livestock, creatures that move along the ground, and wild animals, each according to its kind." And it was so. God made the wild animals according to their kinds, the livestock according to their kinds, and all the creatures that move along the ground according to their kinds. And God saw that it was good. Genesis 1:24-25 (NIV)

As the "first cause", God created a universe infinite in extent and eternal in duration. This means that God Himself must also be both infinite and eternal. Since the infinite universe has unimaginable force and power, God must also have sufficient power to create it all. Thus, He Himself must be omnipotent and all powerful.

In Job 26 there are several verses referring to God's creation and His control over the earth and the universe.

Verse 7 **He stretches out the north over empty space and hangs the earth on nothing.**

Verse 8 **He wraps up the waters in His clouds,**

Verse 12 **He quieted the sea with His power,**

Verse 13 **By His breath the heavens are cleared ;**

We often look at what God has created and are amazed and in awe of His power and intelligence.

Again, from Job 26, carefully read verse 14.

**Behold, these are the fringes of His ways; and how faint a word we hear of Him!
But His mighty thunder, who can understand? Job 26:7-14 (NASB)**

This verse describes God's work of creation as simply the "*fringes*" of His work. If creation is the fringes of God's work, then what is the core or the heart of His work?

I believe that the death of God's Son, Jesus, on the cross to pay the penalty of our sin and to provide a way of salvation for us, was a far greater work of God than was His work of creation. While creation is a demonstration of His supreme intelligence and power, His death on the cross demonstrated the depth of His character and the depth of His love for each one of us.

God is totally aware of all that the seven billion people on earth are doing, and He even knows what they are thinking and their past and future thoughts and attitudes. He knows all who have lived in the past, all who are alive now, and all who will be alive in the future. He loves and has a purpose for each of us.

For you created my inmost being; you knit me together in my mother's womb.

Psalm 139:13 (NIV)

...your eyes saw my unformed body. All the days ordained for me were written in your book before one of them came to be. Psalm 139:16 (NIV)

God created man in His own image, in the image of God He created him; male and female He created them. Genesis 1:27 (NASB)

For God so loved the world, that He gave His only begotten Son, that whoever believes in Him shall not perish, but have eternal life. John 3:16 (NASB)

God made him (Jesus) who had no sin to be sin for us, so that in him we might become the righteousness of God. 2 Corinthians 5:21 (NIV)

So they said, "Believe on the Lord Jesus Christ, and you will be saved, ... Acts 16:31a (NKJV)

He who believes in the Son has everlasting life; and he who does not believe the Son shall not see life, but the wrath of God abides on him." John 3:36 (NKJV)

The only condition for our being saved from the wrath and judgment of God is to believe on the Lord Jesus Christ.

For a more in-depth explanation of believing in the Lord Jesus Christ, see the appendixes at the end of this study.

Worldview Two

The second position or worldview on the origins and the sustaining of the universe and of all life, is that there is no creator God, and all that exists today is the product of purely natural forces. There was no God or any other intelligent being involved in the origin or the development of any part of the universe or of any form of life. Those who take this position are essentially universally committed to having faith in time and pure random chance to explain the origins of physical matter, and to using evolution as the explanation of the development of all life.

Julian Huxley – “...*man is just as much a natural phenomenon as an animal or plant; ... his body, mind, and soul were not supernaturally created but are the products of evolution...he is not under the control or guidance of any supernatural being or beings, but has to rely on himself and his own powers.*”

William B Provine, Professor of Biology, Cornell University – “*Let me summarize my views on what modern evolutionary biology tells us loud and clear: There are no gods, no purpose, no goal directed forces of any kind. There is no life after death. When I die, I am absolutely certain that I’m going to be dead--that’s the end for me. There’s no ultimate foundation for ethics, no ultimate meaning to life...*”

There have been attempts to blend these two worldviews; however, as we have seen, these attempts all have to compromise the truthfulness and integrity of the Word of God, the Bible.

Both of these worldviews require faith. Those who believe the Bible have faith in God and in His revelation of truth to man, which is the Bible. Those who do not want to believe in God put their faith in pure chance, time, luck, spontaneous generation, and in the truthfulness and integrity of the writings and teachings of man.

It requires a lot of faith to be an evolutionist. Many naturalists will vehemently deny this and adamantly claim that evolution is based on science, not faith. However, every so-called scientific proof of evolution falls apart when it is objectively examined. Radiometric dating, the fossil record,

homology, and the study of mutations and natural selection, which are primary so-called proofs of evolution, all fall apart when objectively analyzed.

The purpose of science is to gain knowledge and understanding about the physical universe, including the world around us. This is done through a systematic study of the structure and behavior of the present observable natural physical world. A hypothesis is developed and then tested by repeatable, observable experimentation.

Trying to understand what happened some fourteen billion years ago is not based on present observable, repeatable observation and experimentation. The study of origins and of evolution are based on a naturalistic theory of history, not on present observable, repeatable science and experimentation.

Listen to what one leading evolutionist had to say.

H.P. Yockey, in the “Journal of Theoretical Biology” wrote, “*One must conclude that, contrary to the established and current wisdom, a scenario describing the genesis of life on earth by chance and natural causes which can be accepted on the basis of fact and not faith has not yet been written.*”

Neither the Bible nor evolution can be scientifically proven. However, a faith in the Bible is far more logical and more in sync with known science and scientific laws than is a faith in naturalism.

What those who reject a creator and support naturalism and evolution have faith in.

All of the following are core teachings of naturalism and evolution:

1. *The big bang. In the beginning there was nothing, but “nothing” was really something, and then, without a cause, there was a “quantum fluctuation” and then “nothing” exploded and formed all the matter that is in the universe today.*

Alan Guth, a committed evolutionist who is with the Massachusetts Institute of Technology, wrote in “Discover” magazine: “*The universe burst into something from absolutely nothing – zero, nada. And as it got bigger, it became filled with even more stuff that came from absolutely nowhere.*”

Alan Guth also said, “*The universe grew a million, million, million, million, million times larger, in a thousand million, million, million, millionth of a second.*”

Most secular scientists who reject the Word of God, believe that the “nothing” which was really something which came into being all by itself and exploded, was many times smaller than the period at the end of this sentence. However, that tiny bit of “nothing” which was really something, exploded and filled the entire universe with something (matter). This explosion is, of course, known as the “big bang”.

They believe that this explosion (or rapid expansion) of “nothing” created all the matter, including all the atoms, that are necessary for matter to exist.

All matter, throughout the universe is made of atoms. It is argued that the big bang produced simple

matter such as hydrogen atoms. However, even the simplest atom is not simple, and science is learning more all the time about the complexity of an atom. It takes a lot of faith to believe that atoms and the laws of nature which control an atom were all formed by an explosion of nothing and by pure chance.

To believe this you must also believe that these atoms diversified by pure chance and formed many other kinds of atoms and then the atoms organized themselves into many different kinds of molecules, and you must believe the molecules then organized themselves into chromosomes and chromosomes organized themselves into, and the process goes on and on and on, and has produced all life forms, including us, and all this happened by pure random chance and luck.

After the explosion, without any outside help, that tiny dot of matter or “nothing” organized itself throughout the entire universe into very complex cosmological systems. Against unbelievable odds, in some unknown way and for some unknown reason, the stars, planets, and all other complex parts of the cosmos all evolved from that tiny dot of nothing all by themselves without any form of intelligence guiding it all.

Not only did all matter have to form, but the laws of nature, such as the law of gravity, the laws of thermodynamics, the laws of magnetism, the laws of chemistry, the laws of cause and effect, etc., which govern the universe also had to come into being by themselves -- all without a cause.

Evolutionary cosmologists commonly believe that the universe immediately following the big bang was one of exceedingly high order. This is absurd. Explosions produce disorder, and the supposed big bang would have been the greatest of all explosions! Furthermore, it presumably generated only hydrogen atoms—the simplest of all atoms—at the start, and to think that hydrogen gas could somehow evolve into all the other elements and then into stars and planets and people is sheer fantasy.

“I suspect that the sun is 4.5 billion years old. However, given some new and unexpected results to the contrary, and some time for some frantic recalculation and theoretical readjustment, I suspect that we could live with Bishop Ussher’s value for the age of the earth and sun. I don’t think we have much in the way of observational evidence in astronomy to conflict with that.” John Eddy, quoted by Kazmann, R.G., 1978, *It’s About Time: 4.5 Billion Years*. Geotimes 23:9 pp. 18-20

2. That cells and life formed by pure chance from non-living chemicals.

To believe in evolution you have to have faith that life emerged by spontaneous generation from non-living chemicals that formed themselves into cells which somehow came to life – all by pure chance.

In this section we will let evolutionists speak for themselves.

Dr. Klaus Dose -- *“More than 30 years of experimentation on the origin of life in the fields of chemical and molecular evolution have led to a better perception of the immensity of the problem of the origin of life on earth rather than to its solution. At present, all discussions on principle theories and experiments in the field either end in stalemate or in a confession of ignorance.”*

Michael Denton, who is a committed evolutionist, described a cell in the following way: *“To grasp the reality of life as it is known today, we must magnify a cell a thousand million times until it resembles a*

giant airship". If we blow it up large enough to cover a great city like London or New York...what we would see would be an object of unparalleled complexity and adaptive design. On the surface we would see millions of openings like the portholes of a vast spaceship, opening and closing to allow a continual stream of materials to flow in and out. If we were to enter one of these openings, we would find ourselves in a world of supreme technology and bewildering complexity."

Leslie E. Orgel -- *"It is extremely improbable that proteins and nucleic acids, both of which are extremely complex, arose spontaneously in the same place at the same time. Yet it seems impossible to have one without the other. And so, at first glance, one might have to conclude that life could never, in fact, have originated by chemical means."*

George Wald, Harvard University Nobel Laureate – *"I do not want to believe in God, therefore I choose to believe in that which I know is scientifically impossible: spontaneous generation arising to evolution."*

Charles Darwin -- *"If it could be demonstrated that any complex organ existed, which could not possibly have been formed by numerous, successive, slight modifications, my theory would absolutely break down."*

Even if the first so called "simple cell" did somehow miraculously form, that simple cell does not contain the DNA information for feet, eyes, hearts, ears, lungs, brains, etc, and this very complex information system cannot develop from mutations or natural selection.

3. *That DNA , which is the blueprint of all life, and which has far more information and is a far more complex information storing and processing system than any modern supercomputer, came into being and programed itself with no intelligent being involved in its origin, development, programming or use. There was no intelligent being involved in any stage of this process.*

Professor Paul Davies in "New Scientist" (September.1999) wrote, *"How did stupid atoms write their own software...? Nobody knows... There is no known law of physics able to create information from nothing."* He also wrote, ...*"Nobody knows how a mixture of lifeless chemicals spontaneously organized themselves into the first living cell."*

There have been some who have made determinations as to the probability of the spontaneous generation of life, of DNA programing itself, and of life becoming more complex by means of mutations and natural selection. To summarize a heavy study, many have determined that the chances of these happening are so minute that they are, in effect, statistically impossible, no matter how many millions, billions, or even trillions of years go by.

Fred Hoyle, who is an atheist and astronomer, wrote in "Nature" magazine on November 12, 1981, *"The chance that higher life forms might have emerged this way is comparable with the chance that a tornado sweeping through a junk yard might assemble a Boeing 747 from the materials therein".*

If evolution is an ongoing process, as is claimed, then Boeing 747's must still be continually being made by tornados going through junkyards, since the odds have not changed and according to essentially all biology textbooks, evolution is still going on.

Another scientist stated that the odds for evolution were similar to giving a very large number of blind

people a Rubix cube and then having every one of them solve the puzzle on their first try.

Another Ph.D. scientist compared the odds of all this happening to the chances that someone would win a major lottery every day of his life. Again, since it is claimed that evolution is an ongoing process, then the chances are similar to you winning a lottery every day of your life, and then having at least one of your children win a lottery every day of his life, and then your grandchildren and on down the line.

4. That evolution has occurred over millions of years, even though there is no known mechanism by which it could happen and it has never been observed to happen in nature or in a laboratory.

It is recognized by both creationists and secular scientists that natural selection does occur within a given kind of animal; however, it has also been shown that natural selection and mutations cannot account for the development of one kind of animal into another and they cannot account for the development of complex parts of us, the most advanced life form. It cannot realistically explain how a fish could become a frog or how an ape could become a man. It cannot even begin to explain how the DNA is reprogrammed for a different form of life.

For evolution to occur there would have to be phenomenal amounts of information added to the genome. As we already stated, information for feet, eyes, hearts, ears, lungs, brains, etc. would have to be added and modified for each step of evolution.

Modern studies of the genome have clearly shown that mutations and natural selection lead to a loss of genetic information, not an increase. *Natural selection does not produce major changes in the genetic code, and it does not add information to the code.* What is sometimes described as “goo to you by way of the zoo” evolution, simply does not work.

Dr. Lee Spetner, who is not a Christian, wrote in a book, Not by Chance, “*Not even one mutation has been observed that adds a little info to the genome.*” and “*All point mutations that have been studied on the molecular level turn out to reduce the genetic information and not to increase it*”.

Evidences or “proofs” of evolution have been shown to be unreliable and misleading. Radiometric dating has been repeatedly shown to be untrustworthy or just plain wrong. Researchers pick and choose which dates they accept. The fossil record, in reality, does not support evolution. Geologic features on earth do not support a uniformitarian viewpoint. Homology does not in any way prove evolution. Homology doesn’t do much more than to stir the imagination of evolutionists.

Franklin M. Harold wrote, “*...we must concede that there are presently no detailed Darwinian accounts of the evolution of any biochemical or cellular system, only a variety of wishful speculations.*” The Way of the Cell: Molecules, Organisms and the Order of Life. Oxford University Press, New York, p. 205

Stephen J. Gould wrote in “Natural History”, “*We fancy ourselves as the only true students of life’s history, yet to preserve our favored account of evolution by natural selection, we view our data as so bad that we never see the process we profess to study.*”

5. *That essentially all non-living matter and living matter have defied laws of entropy and thermodynamics which state that systems, with time, deteriorate. They do not increase in complexity.* Instead of deteriorating, naturalism must believe that the universe, without any outside input, has for millions and billions of years, without direction, continually organized themselves and become more complex. This is opposite of what the laws of entropy and thermodynamics predict will happen.

One may wonder how or why very intelligent people believe such illogical and improbable things have continually occurred over millions and billions of years.

Many believe in evolution because they have been taught evolution in educational systems. From elementary school to universities, evolution is taught as fact, and creation, if mentioned at all, is simply dismissed as a religious myth or fantasy. Difficult questions are simply not dealt with in textbooks or in class. They are either totally ignored or passed off as being unimportant side issues.

Many do not want to believe in a creator God because that raises issues about their relationship to their creator. It is easier to simply pass off or ignore these questions and issues.

Many secular scientists are deeply committed to naturalism and will not believe otherwise no matter what the evidence. Many leading evolutionists don't believe in a creator because they don't want to believe in a creator.

Richard Lewontin -- *"It is not the methods and institutions of science that compel us to accept a material explanation of the phenomenal world, but on the contrary, that we are forced by our a priori adherence to material causes to create an apparatus of investigation and a set of concepts that produce material explanations, no matter how counterintuitive, no matter how mystifying to the uninitiated, moreover that materialism is absolute, for we cannot allow a Divine foot in the door."*

Scott Todd, Kansas State University -- *"Even if all the data point to an intelligent designer, such an hypothesis is excluded from science because it is not naturalistic."*

What Mr. Todd is saying is that no matter what the facts or the evidence is, we will not believe in a supernatural creator.

If naturalism is true, then life has no meaning or purpose except for what we think in our own minds.

Julian Huxley -- *"...man is just as much a natural phenomenon as an animal or plant; ... his body, mind, and soul were not supernaturally created but are the products of evolution...he is not under the control or guidance of any supernatural being or beings, but has to rely on himself and his own powers."*

William B Provine, Professor of Biology, Cornell University -- *"Let me summarize my views on what modern evolutionary biology tells us loud and clear: There are no gods, no purpose, no goal directed forces of any kind. There is no life after death. When I die, I am absolutely certain that I'm going to be dead--that's the end for me. There's no ultimate foundation for ethics, no ultimate meaning to life..."*

Michael Ruse -- *"Saving Darwin from the Darwinians" National Post, May 2000. Evolution is promoted by its practitioners as more than mere science. Evolution is promulgated as an ideology, a*

secular religion - a full fledged alternative to Christianity...the literalists are absolutely right. Evolution is a religion.

Charles Darwin – “...the Old Testament from its manifestly false history of the world...was no more to be trusted than the sacred books of the Hindus, or the beliefs of any barbarian.”

Dr. Richard Lewontin -- Harvard geneticist -- “Scientists, like others, sometimes tell deliberate lies, because they believe that small lies can serve big truths.”

The only genuine alternative to naturalism, is the living personal, omnipotent, holy God of creation. Evolutionists, both atheistic and pantheistic, have always vigorously denounced belief in a personal, omnipotent God as unscientific, but the truth is that all the facts of the real world conform perfectly to the existence and creative work of a supernatural personal Creator. Evolutionists want to avoid this conclusion at all costs, but it is the only one that fits reality.

“The basic building blocks of human eyesight turn out to be practically perfect. Photoreceptors operate at the outermost boundary allowed by the laws of physics...which means they are as good as they can be. The system couldn’t get faster, more sensitive or more efficient without first relocation to an alternate universe with alternate physical constants.” Natalie Angier “Seeing the Natural World With a Physicist’s Lens”, “The New York Times”. Posted on NyTimes.com, November 1, 2010.

It takes a lot less faith to believe in an intelligent powerful all-knowing Creator than it does to believe that all this came into being and developed by pure chance.

The appendixes at the end of this study give more complete Biblical teaching relating to how to know the Lord Jesus and begin a walk with Him. I (Phil Benedict) would urge you to study them and make the choice to believe in the Lord Jesus Christ. It will forever change your life and you can look forward to spending eternity with Him.

Creation Resources

DVD's Relating to Creation and Evolution – by topic

Note: The organizations listed on page 141 have many many more DVD's defending creation on many different creation topics. These organizations also have many books defending creation.

Comprehensive Overviews of Creation

Evolution's Achilles' Heels (very good - concise)
Unlocking the Mysteries of Genesis

Creation Ministries International
Institute for Creation Research

Astronomy and Origin of the Universe

Astronomy Reveals Creation
Created Cosmos
Design in Astronomy
Distant Starlight – Not a Problem for a Young Universe
Hubble, Bubble – Big Bang in Trouble
In the Middle of the Action – Our galaxy is at the center of the universe.
Starlight and Time
Starlight, Time and the New Physics
The Heavens Declare
The Privileged Planet – The Search for Purpose in the Universe
What You Aren't Being Told About Astronomy – V. 1 – Our Created Solar System
What You Aren't Being Told About Astronomy – V. 2 – Stars and Galaxies
What You Aren't Being Told About Astronomy – V. 3 – Our Created Universe

Institute for Creation Research
Answers in Genesis
Answers in Genesis
Answers in Genesis
Answers in Genesis
Creation Ministries International
Answers in Genesis
Creation Ministries International
Awesome Science Media
Illustra Media
Creation Astronomy Media
Creation Astronomy Media
Creation Astronomy Media

Evidence of Design

Creeping Things – Episode 1 “Underappreciated Creepers”
Creeping Things -- Episode 2 “Desert Creepers”
Creeping Things – Episode 3 “California Creepers”
Fearfully & Wonderfully Made
God The Master Designer – Evidence of incredible design in nature
Human Design: The Making of a Baby
Incredible Creatures that Defy Evolution – 1
Incredible Creatures that Defy Evolution – 2
Incredible Creatures that Defy Evolution – 3
Intelligent Design vs. the Intelligent Design Movement
Made in His Image – Exploring the Complexities of the Human Body
The Hearing Ear and the Seeing Eye
The Human Body: Divine Engineering
Unlocking the Mystery of Life–The Scientific Case for Intelligent Design

Kyle Justice
Kyle Justice
Kyle Justice
Answers in Genesis
Creation Ministries International
Institute for Creation Research
Reel Productions
Reel Productions
Reel Productions
Answers in Genesis
Institute for Creation Research
Answers in Genesis
Institute for Creation Research
Illustra Media

Genome – Cells, DNA, and the Origin of Life

All Creatures Great & small – Microbes and Creation	Answers in Genesis
Chemicals to Living Cell – Fantasy or Science?	Creation Ministries International
Cloning, Stem Cells, and the Value of Life	Answers in Genesis
Codes & Creation	Creation Ministries International
Genetics, Evolution, and Creation – The Most-Asked Questions	Answers in Genesis
In the Beginning Was Information	Answers in Genesis
Programming of Life	LaBarge Media
The Code of Life DNA – Information and Mutations	Answers in Genesis
The High-Tech Cell – The Complexity of the Genome Defies Evolution	Creation Ministries International
Wonder of the Cell	Answers in Genesis

Natural Selection

Creatures Do Change But It's Not Evolution	Creation Ministries International
Dynamic Life – Changes in Living Things	Creation Ministries International
Dynamic Life: Changes in Living Things	Answers in Genesis
The Code of Life DNA – Information and Mutations	Answers in Genesis

Entropy

The Mystery of Our Declining Genes	Creation Ministries International
Understanding the Law of Decay	Creation Ministries International

Age of the Earth – Dating

A Brief, But True, History of Time	Creation Ministries International
Radioactive Dating and a Young Earth	Creation Ministries International
Radioisotopes & The Age of the Earth	Answers in Genesis
Six Days & the Eisegesis Problem	Answers in Genesis
Thousands...Not Billions	Institute for Creation Research
What the Bible & Science Say About the Age of the Earth	Creation Ministries International
Six Days...Really?	Creation Ministries International

Geology and the Flood

Behemoths Buried Alive	Creation Ministries International
Geology and the Great Flood	Institute for Creation Research
Geology by the Book – A Deluge of Evidence	Creation Ministries International
How the Earth Was Shaped	Creation Ministries International
Mount St. Helens – Modern Day Evidence for the World Wide Flood	Awesome Science Media
Noah's Flood – Washing Away Millions of Years	Answers in Genesis
Planetary Cataclysm	Creation Ministries International

Rapid Rocks – The “big picture” – and why it matters
 The Horror of the Flood – The Most Catastrophic Event in History

Creation Ministries International
 Mission Imperative!

Fossils

Artistic Ape Anecdotes: “The Art of Deception?”
 Living Fossils Evolution: The Grand Experiment – Episode Two

Creation Ministries International
 New Leaf Press

Dinosaurs

Dinosaurs! God’s fearsome and freaky creations
 Dragons or Dinosaurs? Creation or Evolution?
 The Bible Explains Dinosaurs – The Real Story of Dinosaurs
 Uncovering the Truth About Dinosaurs
 What You Haven’t Been Told About Dinosaurs

Creation Ministries International
 Creation Ministries International
 Answers in Genesis
 Institute for Creation Research
 Institute for Creation Research

Ice Age

The Ice Age – Only the Bible Explains It
 The Ice Age: Real and Recent

Answers in Genesis
 Institute for Creation Research

Fruit of Evolution

Darwinian Evolution – Religion of Death
 Evolution and the Holocaust
 Evolution’s Fatal Fruit – The results of a godless philosophy

Answers in Genesis
 Creation Ministries International
 Creation Ministries International

UFOs and Aliens

Alien Abductions and UFOs -- Exposed!
 Aliens, UFOs and the Bible
 Close Encounters of the ‘Fourth Kind’

Creation Ministries International
 Creation Ministries International
 Creation Ministries International

Miscellaneous

Already Gone
 Creation: The Key to Dynamic Witnessing
 How Can We Evangelize A Secular World? – Part 1
 The Christian Roots of Science
 The Great Global Warming Debate – The facts, the fiction and the furore
 The Tower of Babel – Can the “Story” be Trusted Today?

Answers in Genesis
 Creation Ministries International
 Answers in Genesis
 Creation Ministries International
 Creation Ministries International
 Answers in Genesis

Organizations Which Promote Creation

Institute for Creation Research

Dallas, TX

(800) 337-0375

Icr.org

“Acts and Facts” - magazine - excellent

Books and DVD’s defending creation

Creation Ministries International

Powder Springs, GA

(800) 616-1264

creation.com Many online articles on many different subjects defending creation

“Creation” - magazine – very good

“Journal of Creation” – very good – technical journal

Many books and DVD’s defending creation

Answers in Genesis

Hebron, KY

(859) 727-2222

answersingenesis.org

“Answers in Genesis” - good magazine

Some books and DVD’s defending creation

Appendix One

Understanding God's Plan of Salvation

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

For God so loved the world, that he gave his only Son, that whoever believes in him should not perish but have eternal life. John 3:16 (NIV)

For the wages of sin is death, but the free gift of God is eternal life in Christ Jesus our Lord. Romans 6:23 (NASB)

And they said, "Believe in the Lord Jesus, and you will be saved,... Acts 16:31a (ESV)

The greatest truth of all time is that you and I, even though we are sinners, can be saved from the penalty of sin that God pronounced on all people. Even if we are "the worst of all sinners", all our sin can be totally forgiven.

An equally great truth is that God will credit His own righteousness or goodness to us and our record before God can be absolutely clean. We can know and walk with the holy God. God, who created and sustains the universe, even adopts us into His own family. We are His children! We can know and fellowship with Him while we are on this earth, and then we will spend an eternity with Him in heaven. It can't get any better than that!!!

The purpose of this chapter is to explain in simple steps how we, as sinners, can be forgiven from our sin and escape eternal judgment. We can know and walk with God. This is the most basic fundamental teaching of the Word of God. This is the foundation. If we do not have this straight, all the rest of the Word of God is meaningless for us.

The God-given plan of salvation is not hard to understand. However, many have misunderstood it and they have muddled, perverted, twisted, added to it, taken away from it, and have taught it in such a way that the salvation of many who think they are saved may not actually be saved.

Now when He was in Jerusalem at the Passover, during the feast, many believed in His name, observing His signs which He was doing. But Jesus, on His part, was not entrusting Himself to them, for He knew all men, and because He did not need anyone to testify concerning man, for He Himself knew what was in man. John 2:23-25 (NASB)

Many will say to me on that day, 'Lord, Lord, did we not prophesy in your name, and in your name drive out demons and perform many miracles?' Then I will tell them plainly, 'I never knew you. Away from me, you evildoers!'" Matthew 7:22-23 (NIV)

Here, in simple steps, are the basic Biblical truths which relate to and explain the God-given plan of salvation.

1. God created man and woman in His own image.

So God created man in his own image, in the image of God created he him; male and female created he them. Genesis 1:27 (KJV)

God is sinless, pure -- totally holy.

"Who among the gods is like you, O LORD? Who is like you -- majestic in holiness, awesome in glory, working wonders?" Exodus 15:11 (NIV)

Holy and awesome is His name. Psalm 111:9b (NASB)

..."Holy, holy, holy is the LORD Almighty; the whole earth is full of His glory." Isaiah 6:3 (NIV)

No one is holy like the LORD,... 1 Samuel 2:2a (NKJV)

God is absolutely pure and holy. There is not the slightest tint of evil in His character. When God created man and woman in His own image, they too were sinless and pure. Since God created Adam and Eve in His own image, they brought glory to God and there was a perfect love, harmony, and fellowship between God and man. At this point, Adam and Eve did not experience sorrow, pain, trouble, or unhappiness of any kind. Rather, they experienced all the blessings and joy of walking in fellowship and harmony with God.

2. The first two people, Adam and Eve, rebelled against God and sinned.

Now the serpent was more cunning than any beast of the field which the LORD God had made. And he said to the woman, "Has God indeed said, 'You shall not eat of every tree of the garden'?" And the woman said to the serpent, "We may eat the fruit of the trees of the garden; "but of the fruit of the tree which is in the midst of the garden, God has said, 'You shall not eat it, nor shall you touch it, lest you die.' " Then the serpent said to the woman, "You will not surely die. "For God knows that in the day you eat of it your eyes will be opened, and you will be like God, knowing good and evil." So when the woman saw that the tree was good for food, that it was pleasant to the eyes, and a tree desirable to make one wise, she took of its fruit and ate. She also gave to her husband with her, and he ate. Genesis 3:1-6 (NKJV)

Satan tempted Adam and Eve to sin, and they both gave in to that temptation. When man became a sinner, the harmony and fellowship with God was broken. Instead of walking and fellowshiping with God after they sinned, they were now separated from God, facing the wrath and judgment of God. They were spiritually dead. They could do nothing to earn or gain reconciliation with God. They were no longer capable of fulfilling the plan and purposes for which God had created them.

3. All of Adam and Eve's descendants, which is everyone, are now born sinners.

Therefore, just as through one man sin entered into the world, and death through sin, and so

death spread to all men, because all sinned... Romans 5:12 (NASB)

For just as through the disobedience of the one man the many were made sinners, so also through the obedience of the one man the many will be made righteous. Romans 5:19 (NIV)

For as in Adam all die, so also in Christ all will be made alive. 1 Corinthians 15:22 (NASB)

Once Adam and Eve sinned, they passed on a sin nature to all of their descendants. As a result, all of us are sinners and each of us has a sin nature. We sin because we have a sin nature and we sin because we individually choose to sin. Therefore, God pronounced the judgment of death on all people because all people have sinned.

4. The consequence or the penalty of all sin (“large” or “small”) is death.

For the wages of sin is death... Romans 6:23a (NKJV)

Therefore, just as through one man sin entered the world, and death through sin, and thus death spread to all men, because all sinned. Romans 5:12 (NKJV)

When you were dead in your sins... Colossians 2:13a (NIV)

But God, being rich in mercy, because of His great love with which He loved us, even when we were dead in our transgressions, made us alive together with Christ (by grace you have been saved), Ephesians 2:4-5 (NASB)

In Scripture there are three kinds of death. Each one is a consequence of sin. These three kinds of death are:

A. Spiritual Death

Spiritual death is to be separated from God because of our sin. Every person who has not been saved is spiritually dead.

And you were dead in the trespasses and sins in which you once walked, following the course of this world, following the prince of the power of the air, the spirit that is now at work in the sons of disobedience—among whom we all once lived in the passions of our flesh, carrying out the desires of the body and the mind, and were by nature children of wrath, like the rest of mankind. Ephesians 2:1-3 (ESV)

When you were dead in your sins... Colossians 2:13a (NIV)

B. The Second Death

The second death is to be cast into hell with no hope of ever being reconciled to God. All who are separated from God by sin, or all who are spiritually dead, will spend an eternity separated from God, suffering eternal judgment and punishment in hell.

But the cowardly, unbelieving, abominable, murderers, sexually immoral, sorcerers, idolaters, and all liars shall have their part in the lake which burns with fire and brimstone, which is the second death." Revelation 21:8 (NKJV)

Then I saw a great white throne and him who was seated on it. From his presence earth and sky fled away, and no place was found for them. And I saw the dead, great and small, standing before the throne, and books were opened. Then another book was opened, which is the book of life. And the dead were judged by what was written in the books, according to what they had done. And the sea gave up the dead who were in it, Death and Hades gave up the dead who were in them, and they were judged, each one of them, according to what they had done. Then Death and Hades were thrown into the lake of fire. This is the second death, the lake of fire. And if anyone's name was not found written in the book of life, he was thrown into the lake of fire.
Revelation 20:11-15 (ESV)

C. Physical Death

This is normal physical death. At the end of our life on earth, our bodies die. This also came as a result of Adam's sin. Before sin, there was no physical death. Eventually the bodies of all people, saved and unsaved, will be resurrected from the dead.

Therefore, just as sin entered the world through one man, and death through sin, and in this way death came to all men, because all sinned. Romans 5:12 (NIV)

For since by a man came death, by a man also came the resurrection of the dead.
1 Corinthians 15:21 (NASB)

5. Everyone, including each one of us, has sinned.

For all have sinned, and come short of the glory of God; Romans 3:23 (KJV)

Therefore, just as through one man sin entered into the world, and death through sin, and so death spread to all men, because all sinned. Romans 5:12 (NASB)

As it is written, "There is none righteous, no, not one." Romans 3:10 (KJV)

For from within, out of men's hearts, come evil thoughts, sexual immorality, theft, murder, adultery, greed, malice, deceit, lewdness, envy, slander, arrogance and folly. All these evils come from inside and make a man unclean. Mark 7:21-23 (NIV)

All of us have become like one who is unclean, and all our righteous acts are like filthy rags; we all shrivel up like a leaf, and like the wind our sins sweep us away. Isaiah 64:6 (NIV)

This verse states that our "good side" – our righteousness -- is like a pile of filthy rags. It does not say that our bad side is like filthy rags, but rather this is God's description of our good side. God is not impressed with our goodness; it's nothing but a pile of filthy rags.

The heart is deceitful above all things, and desperately wicked: who can know it?

Jeremiah 17:9 (KJV)

There is a huge moral gap between the holy God and sinful man. We will never be able to come to God on the basis of our own goodness. Even “little” sins separate us from God.

6. Because God still loved us, He sent His own sinless Son, Jesus Christ, to die on the cross to pay the penalty of death for our sin.

But God shows his love for us in that while we were still sinners, Christ died for us.

Romans 5:8 (ESV)

For Christ died for sins once for all, the righteous for the unrighteous, to bring you to God.

1 Peter 3:18a (NIV)

He was delivered over to death for our sins and was raised to life for our justification.

Romans 4:25 (NIV)

..so Christ was sacrificed once to take away the sins of many people; Hebrews 9:28 (NIV)

He (God) made Him (Jesus) who knew no sin to be sin on our behalf, so that we might become the righteousness of God in Him. 2 Corinthians 5:21 (NASB)

Jesus was absolutely sinless; therefore, He did not have to die. However, He chose to die so that He could pay the penalty of death for our sin. He was our substitute. What a blessing that is!!! Because Jesus died to pay the penalty for our sin, we can escape the judgment of death that we are under. We do not have to spend eternity separated from God in hell.

7. God accepted the death of Christ as full payment for the penalty of our sin.

He (God) made Him (Jesus) who knew no sin to be sin on our behalf, so that we might become the righteousness of God in Him. 2 Corinthians 5:21 (NASB)

In Him (the Lord Jesus Christ) we have redemption through His blood, the forgiveness of our trespasses, according to the riches of His grace which He lavished on us...

Ephesians 1:7-8a (NASB)

For He rescued us from the domain of darkness, and transferred us to the kingdom of His beloved Son, in whom we have redemption, the forgiveness of sins. Colossians 1:13-14 (NASB)

The penalty or the price for our sin has been paid. Jesus paid it in full. God, who pronounced the judgment of death on every human because of his sin, accepts the death of Jesus as full payment for our sin.

8. There is absolutely nothing you can do to earn or to make yourself worthy of forgiveness for your sin. The only way to be forgiven is to accept God's forgiveness of sin as a free gift.

For the wages of sin is death, but the free gift of God is eternal life in Christ Jesus our Lord.
Romans 6:23 (NASB)

For by grace you have been saved through faith. And this is not your own doing; it is the gift of God, not a result of works, so that no one may boast. Ephesians 2:8-9 (ESV)

Now to the one who works, his wage is not credited as a favor, but as what is due. But to the one who does not work, but believes in Him who justifies the ungodly, his faith is credited as righteousness, Romans 4:4-5 (NASB)

But because of His great love for us, God, who is rich in mercy, made us alive with Christ even when we were dead in transgressions -- it is by grace you have been saved.
Ephesians 2:4-5 (NIV)

It does absolutely no good to try to improve yourself or to "clean up your act" before you come to God for forgiveness. We are all sinners and we cannot change that. We can only come to Jesus exactly as we are -- as sinners. All the goodness in the world cannot change that.

9. When God forgives our sin, He also credits us with righteousness.

But to the one who does not work, but believes in Him who justifies the ungodly, his faith is credited as righteousness, Romans 4:5 (NASB)

This is why "it was credited to him (Abraham) as righteousness." The words "it was credited to him" were written not for him alone, but also for us, to whom God will credit righteousness--for us who believe in him who raised Jesus our Lord from the dead. Romans 4:22-24 (NIV)

God made him (Jesus) who had no sin to be sin for us, so that in him we might become the righteousness of God. 2 Corinthians 5:21 (NIV)

When God forgives our sin, He also credits us with His own righteousness. We can be saved, not because we are righteous, but because God will credit His righteousness to our account.

10. To be saved, you must individually choose to put your faith or trust in Jesus Christ alone to pay the penalty for your sin.

To believe in the Lord Jesus Christ is to make a deliberate personal choice to put your trust in His death on the cross as the full payment of the penalty for your sin. You can either pay the penalty yourself by spending an eternity in hell separated from God, or you can accept His death as the payment for your sin and have eternal life with God. The choice is yours!!!

For God so loved the world, that he gave his only Son, that whoever believes in him should not perish but have eternal life. John 3:16 (NIV)

And they said, "Believe in the Lord Jesus, and you will be saved,... Acts 16:31a (ESV)

But as many as received Him, to them He gave the right to become children of God, even to those who believe in His name, John 1:12 (NASB)

...and the one who comes to Me I will certainly not cast out. John 6:37b (NASB)

Most assuredly, I say to you, he who hears My word and believes in Him who sent Me has everlasting life, and shall not come into judgment, but has passed from death into life. John 5:24 (NKJV)

11. When one comes to Jesus for forgiveness of sin, he commits to turning away from a lifestyle of sin and to being a follower of the Lord Jesus Christ.

To choose to believe in the Lord Jesus Christ and to put our trust in His death on the cross as the full payment of the penalty for our sin, is to commit to turning from our lifestyle of sin and to being a follower of Jesus. We leave our past sinful way of life to follow Him. That does not mean we will be perfect or even close to perfect, but it does mean that we are committed to being a follower of our Lord Jesus Christ. The Lord Jesus Christ becomes supreme in our life and we choose to follow and be obedient to Him.

Therefore, if anyone is in Christ, he is a new creation. The old has passed away; behold, the new has come. 2 Corinthians 5:17 (ESV)

"I tell you, no, but unless you repent, you will all likewise perish. Luke 13:3 (NASB)

No, I tell you; but unless you repent, you will all likewise perish." Luke 13:5 (ESV)

For godly grief produces a repentance that leads to salvation without regret, whereas worldly grief produces death. 2 Corinthians 7:10 (ESV)

Repent of this wickedness and pray to the Lord. Acts 8:22a (NIV)

You, however, did not come to know Christ that way. Surely you heard of him and were taught in him in accordance with the truth that is in Jesus. You were taught, with regard to your former way of life, to put off your old self, which is being corrupted by its deceitful desires; to be made new in the attitude of your minds; and to put on the new self, created to be like God in true righteousness and holiness. Ephesians 4:20-24 (NIV)

Jesus answered and said to them, "Those who are well have no need of a physician, but those who are sick. "I have not come to call the righteous, but sinners, to repentance." Luke 5:31-32 (NKJV)

He told them, "This is what is written: The Christ will suffer and rise from the dead on the third day, and repentance and forgiveness of sins will be preached in his name to all nations, beginning at Jerusalem. Luke 24:46-47 (NIV)

Once you choose to put your faith in the death of our Lord Jesus Christ as the payment for sin and begin to follow Him, you never know where He will lead you. It is exciting!!! Hold onto your hat and let's go. You have begun an incredible journey!

What Salvation Is Not

Following is a list of things that people have claimed when asked if they are saved. They believe that these things will somehow gain them merit with God. Some of these are good things but they will not save us. The truth is that a person could do or experience all of these things and still not be genuinely saved. Here is a list of things that *salvation is not*.

1. It is not "going forward" in church, "making a decision for Jesus" or being baptized.
2. It is not "attending" or joining a church.
3. It is not having a "relationship with Jesus" or "connecting with Jesus".
4. It is not knowing what is in the Bible.
5. It is not being "religious", being sincere, being a good person, or keeping the golden rule.
6. It is not doing the best you can or turning over a new leaf.
7. It is not when your good deeds outweigh your bad deeds.
8. It is not having a "spiritual experience" or a "spiritual awakening".
9. It is not giving all your problems to Jesus.
10. It is not "speaking in tongues".
11. It is not taking communion or the sacraments.
12. It is not being born in a Christian family or in a Christian country.
13. It is not keeping the ten commandments or following any other set of rules.
14. It is not tithing or giving money to worthwhile causes.
15. It is not having an uncle who is a Baptist preacher or having a grandmother who donated the land on which the church was built.

Absolutely none of these things will result in our being saved. The only way to be saved is to repent of sin and accept God's forgiveness of our sin as a free gift.

Appendix Two

What It Means To “Believe in Jesus”

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

Truly, truly, I say to you, he who hears My word, and believes Him who sent Me, has eternal life, and does not come into judgment, but has passed out of death into life. John 5:24 (NASB)

They said, "Believe in the Lord Jesus, and you will be saved,... Acts 16:31a (NASB)

God offers forgiveness of sin and eternal life to all people. The only condition is for us to believe on the Lord Jesus Christ. Because this is so important, this chapter explains in greater detail what it means to genuinely believe on the Lord Jesus Christ.

Believing -- The Only Condition for Salvation

Believing is extremely important. At stake is where we will spend eternity. If we believe on the Lord Jesus Christ, we will spend an eternity with Him. If we do not know God, we will spend eternity separated from Him, suffering His wrath, in hell. Those who believe can also know and walk with Him on earth and enjoy all the blessing of being a child of God now.

For God so loved the world, that he gave his only Son, that whoever believes in him should not perish but have eternal life. For God did not send his Son into the world to condemn the world, but in order that the world might be saved through him. Whoever believes in him is not condemned, but whoever does not believe is condemned already, because he has not believed in the name of the only Son of God. John 3:16-18 (ESV)

He then brought them out and asked, "Sirs, what must I do to be saved?" They replied, "Believe in the Lord Jesus, and you will be saved... Acts 16:30-31a (NIV)

And whoever lives and believes in Me shall never die. John 11:26a (NKJV)

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 (KJV)

...but these are written that you may believe that Jesus is the Christ, the Son of God, and that believing you may have life in His name. John 20:31 (NKJV)

I tell you the truth, he who believes has everlasting life. John 6:47 (NIV)

...that if you confess with your mouth Jesus as Lord, and believe in your heart that God raised Him from the dead, you will be saved; for with the heart a person believes, resulting in righteousness, and with the mouth he confesses, resulting in salvation. Romans 10:9-10 (NASB)

As stated in the last chapter, to believe in the Lord Jesus Christ is to make a deliberate personal choice to put your trust in His death on the cross as the full payment of the penalty for your sin. You can either pay the penalty yourself by spending an eternity in hell separated from God, or you can accept His death as the payment for your sin and have eternal life with God. The choice is yours!!!

Defining “Believing”

There are a lot of people who “believe” what they want to believe, rather than accepting Biblical teachings relating to the Lord Jesus Christ. Genuine belief accepts God’s teaching rather than making up and choosing other ways of believing.

To better understand the word “believe” from a Biblical perspective, here are definitions taken from several different expository Bible dictionaries.

To believe is:

- ...to have faith in God or Christ.
- ...to place confidence in or to trust in.
- ...to rely on.
- ...to be convinced of something.
- ...to be firmly persuaded.
- ...to accept as true.

I believe the best definition was given by William D. Mounce, *“To believe is not simply to give mental assent, but to turn one’s whole being over to God.”* (Mounce’s Complete Expository Dictionary. page 62) “Faith” and “believe” come from the same Greek root word. It is used about 475 times in the New Testament.

There is a shallow or misplaced “belief” or faith that does not result in salvation.

The major reason for writing this study (study guide six) is because there are many who have an incorrect or shallow “belief” in Jesus or God that does not result in being genuinely saved. This is serious, because there are apparently many who think they are saved, but they are not. They have never genuinely believed as the Word of God defines believing.

Not everyone who says to Me, 'Lord, Lord,' shall enter the kingdom of heaven, but he who does the will of My Father in heaven. "Many will say to Me in that day, 'Lord, Lord, have we not prophesied in Your name, cast out demons in Your name, and done many wonders in Your name?' "And then I will declare to them, 'I never knew you; depart from Me, you who practice lawlessness!'" Matthew 7:21-23 (NKJV)

God knows what our real attitudes and motives are. Again, insincere belief does not result in salvation.

But Jesus, on His part, was not entrusting Himself to them, for He knew all men, and because He

did not need anyone to testify concerning man, for He Himself knew what was in man.

John 2:24-25 (NASB)

These people honor me with their lips, but their hearts are far from me. They worship me in vain; their teachings are but rules taught by men. Mark 7:6b-7 (NIV)

You believe that there is one God. You do well. Even the demons believe--and tremble!

James 2:19 (NKJV)

Those on the rocky soil are those who, when they hear, receive the word with joy; and these have no firm root; they believe for a while, and in time of temptation fall away. Luke 8:13 (NASB)

From that time many of His disciples went back and walked with Him no more. John 6:66 (NKJV)

Even Simon himself believed, and after being baptized he continued with Philip. And seeing signs and great miracles performed, he was amazed. ...Now when Simon saw that the Spirit was given through the laying on of the apostles' hands, he offered them money, saying, "Give me this power also, so that anyone on whom I lay my hands may receive the Holy Spirit." But Peter said to him, "May your silver perish with you, because you thought you could obtain the gift of God with money! You have neither part nor lot in this matter, for your heart is not right before God. From Acts 8:13-25 (NIV)

Paul gave the following critically important instructions to his readers:

Examine yourselves, to see whether you are in the faith. Test yourselves.

2 Corinthians 13:5a (ESV)

As you go through this chapter you should examine your own faith. Are you a genuine child of God? Are you genuinely "saved" or have you had some kind of an experience that is not genuine salvation? Have you come to God on His terms or have you come on your own terms? There is only one way and that is God's way. Many, many people are confused and have false ideas as to what God has said in the Bible about knowing or believing in Him.

Biblical Teachings About Believing

To genuinely believe is not complicated. We make the choice to trust in the death of our Lord Jesus Christ as full payment for the penalty of our sin and to turn away from our lifestyle of sin. When we were saved, very few of us understood much of what the Bible teaches. However, *when God genuinely calls us to Himself in salvation, He gives us the faith to believe some fundamental truths relating to salvation.* If a person cannot accept these fundamental truths, it is an indication that he/she is not genuinely saved. Again, one does not have to be a theologian to be saved, but the following four fundamental truths are an inherent part of genuine belief or saving faith:

1. To believe is to believe that the Word of God, including the teachings of Jesus, is true.

When Jesus was here on earth, many people believed when they heard Him teach. They believed what He said and taught.

I tell you the truth, if anyone keeps my word, he will never see death. John 8:51 (NIV)

Truly, truly, I say to you, he who hears My word, and believes Him who sent Me, has eternal life, and does not come into judgment, but has passed out of death into life. John 5:24 (NASB)

As He spoke these words, many believed in Him. John 8:30 (NKJV)

And many more believed because of His own word. John 4:41 (NKJV)

You do not have His word abiding in you, for you do not believe Him (Jesus) whom He (God the Father) sent. John 5:38 (NASB)

Consequently, faith comes from hearing the message, and the message is heard through the word of Christ. Romans 10:17 (NIV)

One cannot genuinely “believe in Jesus” without believing He spoke the truth. It would be false to the core to say that “I believe in Jesus” but believe that what He taught was false.

Today our record of the words of Jesus is the Bible. Jesus is God and He is, in reality, the author of all the Bible. To believe in Jesus is to accept the Word of God, the Bible, as being true. One does not have to be a theologian to be saved, and a new believer will most likely not understand very much about the Bible or how it came into being. However, he must accept its fundamental teaching relating to salvation as truth. If he is a genuine believer, as he grows in his faith, he will develop a confidence in the truthfulness of all Scripture. If a person should claim to be saved but deny the truthfulness of the Word of God, there would be serious questions regarding the genuineness of his salvation.

Jesus prayed:

Sanctify them by Your truth. Your word is truth. John 17:17 (NKJV)

Jesus identified God’s word as truth. Again, our record of God’s words is the Bible. Again, to claim to believe in Jesus is to accept His teaching as truth. Ultimately, to accept the words of Jesus as God-given truth is to accept all the Bible as being true.

The Christian faith cannot be one religion of many that all eventually lead us to God. The Bible claims numerous times to be the only way to God. If there are many ways to God then the Bible is false to the core and Christianity would be nothing but a totally false religion.

2. Genuine belief believes that Jesus is God.

One of the fundamental teachings of Jesus is that God is His father. As the Son of God, He was equal

to God and was in fact God Himself. The only reason Jesus could come and die to pay the penalty for our sin is because He is the sinless Son of God. If Jesus were only a human, He himself would be a sinner, unable to pay the price of death for our sin. He would have to die for His own sin, not ours.

Again, one does not have to be a theologian to be saved. One certainly will not understand all about the trinity. None of us do. However, one must believe that Jesus is the sinless Son of God, and that He was, in fact, God Himself. One cannot deny that Jesus was, and still is, God, and still be saved.

Now Jesus did many other signs in the presence of the disciples, which are not written in this book; but these are written so that you may believe that Jesus is the Christ, the Son of God, and that by believing you may have life in his name. John 20:30-31 (ESV)

Who is the liar? It is the man who denies that Jesus is the Christ. Such a man is the antichrist--he denies the Father and the Son. No one who denies the Son has the Father; whoever acknowledges the Son has the Father also. 1 John 2:22-23 (NIV)

Everyone who believes that Jesus is the Christ has been born of God, 1 John 5:1a (ESV)

For everyone born of God overcomes the world. This is the victory that has overcome the world, even our faith. Who is it that overcomes the world? Only he who believes that Jesus is the Son of God. 1 John 5:4-5 (NIV)

In the Old Testament God identified Himself to Moses as the "I Am". The Jews very clearly understood that God had identified Himself as the "I Am".

And Moses said unto God, Behold, when I come unto the children of Israel, and shall say unto them, The God of your fathers hath sent me unto you; and they shall say to me, what is his name? what shall I say unto them? And God said unto Moses, I AM THAT I AM: and he said, "Thus shalt thou say unto the children of Israel, I AM hath sent me unto you."
Exodus 3:13-14 (KJV)

In the following verses Jesus identifies Himself as the "I Am". These verses refer back to Exodus 3:14 where God identifies Himself as the "I Am". Jesus clearly states that unless you believe that He is the "I Am", or believe that Jesus is God, you will die in your sins. In other words, if you do not believe that Jesus is God, you are not saved.

Jesus said to them, "Most assuredly, I say to you, before Abraham was, I AM." John 8:58 (NKJV)

Therefore I said to you that you will die in your sins; for unless you believe that I am *He*, you will die in your sins." John 8:24 (NASB)

3. Genuine belief believes in the resurrection of our Lord Jesus Christ from the dead.

After Jesus died on a cross paying the penalty for our sin, His body was taken down, prepared for burial and then buried in a tomb. On the third day after He died, His body was resurrected from death and came to life again. (See Matthew 28, Mark 16, Luke 24, and John 20.) The resurrection of Jesus from the dead proved beyond any doubt that Jesus is God, and that His death was not a normal death. The truth is that He is the Son of God and that He died to pay the penalty for our sin.

To believe that Jesus is God and that His words are true, one must believe in His resurrection from the dead. Before He died, He claimed He would resurrect from the dead. After He was resurrected, He again reminded them of His teaching and again taught them about the resurrection.

The resurrection is an essential part of the gospel. To believe in Jesus is to believe in His resurrection.

...that if you confess with your mouth Jesus as Lord, and believe in your heart that God raised Him from the dead, you will be saved; Romans 10:9 (NASB)

Moreover, brethren, I declare to you the gospel which I preached to you, which also you received and in which you stand, by which also you are saved, if you hold fast that word which I preached to you--unless you believed in vain. For I delivered to you first of all that which I also received: that Christ died for our sins according to the Scriptures, and that He was buried, and that He rose again the third day according to the Scriptures, 1 Corinthians 15:1-4 (NKJV)

That is why his faith was “counted to him as righteousness.” But the words “it was counted to him” were not written for his sake alone, but for ours also. It will be counted to us who believe in him who raised from the dead Jesus our Lord, Romans 4:22-24 (NIV)

...and was declared to be the Son of God in power according to the Spirit of holiness by his resurrection from the dead, Jesus Christ our Lord, Romans 1:4 (NIV)

In the Word of God our salvation is confirmed by the resurrection. Without the resurrection, there would be no salvation. One cannot genuinely believe on the Lord Jesus Christ without believing in the resurrection.

For if the dead are not raised, not even Christ has been raised. And if Christ has not been raised, your faith is futile and you are still in your sins. 1 Corinthians 15:16-17 (ESV)

...He has fixed a day in which He will judge the world in righteousness through a Man whom He has appointed, having furnished proof to all men by raising Him from the dead.” Acts 17:31b (NASB)

Blessed be the God and Father of our Lord Jesus Christ, who according to His great mercy has caused us to be born again to a living hope through the resurrection of Jesus Christ from the dead, to obtain an inheritance which is imperishable and undefiled and will not fade away, reserved in heaven for you, 1 Peter 1:3-4 (NASB)

4. Genuine belief in Jesus accepts His teaching as true, including Biblical teaching relating to sin. When one believes, He turns from a lifestyle of sin to serve the Lord Jesus Christ.

No one who lives in him keeps on sinning. No one who continues to sin has either seen him or known him 1 John 3:6 (NIV)

Sin is disobedience and rebellion against God. God created the first man and woman absolutely

perfect, with no sin. Adam and Eve had perfect unhindered fellowship with God and they glorified Him in all they did. However, all of this was ruined with the entrance of sin. It was sin that destroyed their relationship with God and brought about the spiritual and physical death to all of mankind.

Therefore, just as through one man sin entered the world, and death through sin, and thus death spread to all men, because all sinned. Romans 5:12 (NKJV)

As it is written: "There is no one righteous, not even one; there is no one who understands, no one who seeks God. All have turned away, they have together become worthless; there is no one who does good, not even one." Romans 3:10-12 (NIV)

Throughout much of the Bible, God expresses anger with sin, and He often severely judged sinners, even to the point of destroying all of mankind except for Noah and his family.

And GOD saw that the wickedness of man was great in the earth, and that every imagination of the thoughts of his heart was only evil continually. And it repented the LORD that he had made man on the earth, and it grieved him at his heart. And the LORD said, I will destroy man whom I have created from the face of the earth; both man, and beast, and the creeping thing, and the fowls of the air; for it repenteth me that I have made them. Genesis 6:5-7 (KJV)

The most severe of all of God's judgments on sin is the condemnation of all sinners to spend eternity separated from God in hell.

But the cowardly, the unbelieving, the vile, the murderers, the sexually immoral, those who practice magic arts, the idolaters and all liars--their place will be in the fiery lake of burning sulfur. This is the second death." Revelation 21:8 (NIV)

Therefore, just as through one man sin entered the world, and death through sin, and thus death spread to all men, because all sinned. Romans 5:12 (NKJV)

Very fortunately for us, God provided a way of salvation.

Whoever believes in the Son has eternal life; whoever does not obey the Son shall not see life, but the wrath of God remains on him. John 3:36 (ESV)

For the wages of sin is death; but the gift of God is eternal life through Jesus Christ our Lord. Romans 6:23 (KJV)

In order to provide a way for us to be saved from the wrath of God and penalty of death, Jesus, the sinless Son of God, died a horrible death on the cross. He paid the price for our sin by dying in our place.

We, as Christians, must never forget what it cost God to provide salvation for us. It was because of our sin that Jesus chose to be sacrificed on the cross.

But God shows his love for us in that while we were still sinners, Christ died for us. Romans 5:8 (ESV)

..so Christ was sacrificed once to take away the sins of many people; Hebrews 9:28 (NIV)

For Christ died for sins once for all, the righteous for the unrighteous, to bring you to God.

1 Peter 3:18a (NIV)

For He (God) made Him (Jesus) who knew no sin to be sin for us, that we might become the righteousness of God in Him. 2 Corinthians 5:21 (NKJV)

When people believe or are saved, it is God who draws them to believe in His Son the Lord Jesus Christ.

No one can come to Me unless the Father who sent Me draws him; and I will raise him up at the last day. John 6:44 (NKJV)

He went on to say, "This is why I told you that no one can come to me unless the Father has enabled him." John 6:65 (NIV)

It is sin that separates us from God. To be reconciled to God, the sin problem has to be dealt with. When God draws unsaved people to Himself, He convicts them of sin.

And when He has come, He will convict the world of sin, and of righteousness, and of judgment: John 16:8 (NKJV)

The Holy Spirit convicts unsaved people (the world) of sin, righteousness and judgement. According to several expository dictionaries the word convict means to “show to be wrong”, “to reprove”, or “to expose”. According to John 16:8, the Holy Spirit convicts unsaved people (the world) showing them that their sin is wrong, and reproofing them for their actions. He also shows that they were wrong in their understanding of righteousness and judgment.

When one is convicted of sin by the Holy Spirit and believes on the Lord Jesus Christ, he agrees with God that his sin is wrong and that he lacks righteousness. To be convicted of sin is, by its very definition, to recognize that his sin is wrong. When God convicts a person of sin or convinces him that his sin is wrong, inherent within that conviction is the recognition of the need to change the way he lives and to act in a righteous manner. When one is saved, he no longer makes sin a way of life. One cannot genuinely be convicted by the Spirit of God that his sin is wrong and respond in belief without a change in attitude about sin.

No one born of God makes a practice of sinning, for God's seed abides in him, and he cannot keep on sinning because he has been born of God. By this it is evident who are the children of God, and who are the children of the devil: whoever does not practice righteousness is not of God, nor is the one who does not love his brother. 1 John 3:9-10 (ESV)

Do not love the world or the things in the world. If anyone loves the world, the love of the Father is not in him. 1 John 2:15 (NKJV)

Therefore, if anyone is in Christ, he is a new creation. The old has passed away; behold, the new has come. 2 Corinthians 5:17 (ESV)

No genuine believer is perfect. We will all sin, but we will not have an on-going continuing lifestyle of sin. When one believes, he turns from a lifestyle of sin to serve the Lord Jesus Christ. One who is born of God cannot keep on in a practice or pattern of sin in his life.

No one who lives in him keeps on sinning. No one who continues to sin has either seen him or known him 1 John 3:6 (NIV)

In order for a person to be reconciled to God (to be saved) he/she must deal with the sin in his life. The heart of believing (having faith) in the Lord Jesus Christ is acknowledging that we are sinners and trusting in His death to pay the price of our sin. One must turn away from that sinful pattern of sin. If we continue in a lifestyle of sin, we do not know God. (1 John 3:6,9,10) Making that choice to turn from a lifestyle of sin is sometimes identified as repentance in the Word of God.

Repentance is a fundamental change of attitude. Repentance does not mean we will be perfect, but it does mean that the whole focus of our life changes. In the past we were controlled by sin, but now we are yielding control of our life to God.

Repent of this wickedness and pray to the Lord. Acts 8:22a (NIV)

I (Jesus) have not come to call the righteous but sinners to repentance. Luke 5:32 (NIV)

Repent, then, and turn to God, so that your sins may be wiped out, that times of refreshing may come from the Lord, Acts 3:19 (NIV)

...and that repentance and remission of sins should be preached in His name to all nations, beginning at Jerusalem. Luke 24:47 (NKJV)

For godly sorrow produces repentance leading to salvation, not to be regretted; but the sorrow of the world produces death. 2 Corinthians 7:10 (NKJV)

"I tell you, no, but unless you repent, you will all likewise perish. Luke 13:3 (NASB)

Genuine Biblical repentance is turning from a lifestyle of sin to follow the Lord Jesus Christ. It is a total change in the direction of one's life. Once we genuinely make the decision to believe (be saved), the Spirit of God gives us the ability, the strength, and the direction that we need to live a Godly life and be a productive follower of the Lord Jesus Christ. This is not something we do on our own. It is a result of the Spirit of God dwelling in us, leading us, and empowering us.

Repentance is not a "work" that is necessary for salvation. We are not saved by trying to change ourselves. When we are saved, the Spirit of God comes and lives in us. Without the Spirit of God living in us, we cannot live a life free from bondage to sin.

When we are saved, we become a disciple or a follower of the Lord Jesus Christ. The Word of God does not allow one to intellectually believe without having a fundamental change of attitude. As His followers, we acknowledge that He is our Savior and Lord. We do not "make Him Lord", because He already is Lord. As believers, we choose to follow Him. It is impossible to be a follower of the Lord Jesus Christ without changing our attitude about sin.

Romans 10:9-10

...that if you confess with your mouth Jesus as Lord, and believe in your heart that God raised Him from the dead, you will be saved; for with the heart a person believes, resulting in righteousness, and with the mouth he confesses, resulting in salvation. Romans 10:9-10 (NASB)

In the Bible, Jesus is identified as the “Lord Jesus Christ” over 60 times. He is identified as “Lord” over 600 times. The word “confess” means that we agree with God. When we confess that “Jesus is Lord”, we agree that He is Lord. Confession is agreeing with God. This is not a half-hearted casual agreement but a deep heart-felt belief. In our heart, the very core of our being, we believe, and that belief results in righteousness.

To agree in our heart that Jesus is Lord is to commit to following and putting into practice what He teaches and to submit to His instructions for living. We cannot have a double standard. We do not believe one thing and live something else. We believe it in the core of our being and we openly acknowledge it by our speech and by the way we live.

Christians must not expect to be “secret believers”. We cannot hide the fact that we acknowledge Jesus as our Lord and that we have turned from our sinful lifestyle and have been made righteous by Him. Our lives and our speech will show it.

To confess that Jesus is Lord means that in our heart and in our way of life we agree with God that He is sovereign over all that exists -- including ourselves. When we confess Him as Lord, we agree with God that He has the right to rule our life, and we submit to that rule.

“Genuine confession is not just repeating words, it is a deep conviction of the heart.”
(The Theological Wordbook. page 68)

“To believe is not simply to give mental assent, but to turn one’s whole being over to God.”
William D. Mounce (Mounce’s Complete Expository Dictionary. page 62)

For whosoever shall call upon the name of the Lord shall be saved. Romans 10:13 (KJV)

Appendix Three

Created in the Image of God

Then God said, "Let Us make man in Our image, according to Our likeness; and let them rule over the fish of the sea and over the birds of the sky and over the cattle and over all the earth, and over every creeping thing that creeps on the earth." 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 (NASB)

In these verses are some of the most profound truths in all of Scripture. You and I are created in the image of God. Being created in God's image gives every human, both men and women, a value far beyond all the rest of creation. No other living thing -- whether it is an animal, fish, insect, or anything else -- is created in God's image, only men and women. We are the center of God's creation. God deeply loves us and He desires our fellowship with Him.

For this reason I bow my knees before the Father, from whom every family in heaven and on earth is named, that according to the riches of his glory he may grant you to be strengthened with power through his Spirit in your inner being, so that Christ may dwell in your hearts through faith—that you, being rooted and grounded in love, may have strength to comprehend with all the saints what is the breadth and length and height and depth, and to know the love of Christ that surpasses knowledge, that you may be filled with all the fullness of God. Ephesians 3:14-19 (ESV)

In Genesis 1, God reveals to us the seven days of creation. On the first five- and one-half days God follows a similar pattern of creation. However, when He comes to the creation of man on day six, the pattern completely changes. This change is a strong indication that something different is about to happen. What we discover is that God is now ready to create man, the most important part of His creation.

Then God said, "Let Us make man in Our image, according to Our likeness;

Genesis 1:26a (NASB)

In Genesis 1:26, God states that He created man in, "Our image" and "Our likeness". We, as man, were created in the image and likeness of God. The words "image" and "likeness" mean essentially the same thing. The two phrases repeat the same truth. Repeating is a way of emphasizing an important truth. It's as if God is saying, "This is important, I want you to listen and to understand it". In Genesis 1:27 this truth is restated and again the truth is repeated twice. God doesn't want us to miss it. Being created in the image of God affects every part of our life. An accurate self-concept recognizes that we as human beings, are, in fact, created in the image and likeness of God.

God created man in His own image, in the image of God He created him; male and female He created them. Genesis 1:27 (NASB)

The emphasis on male and female in this verse makes it very clear that both men and women are created in the image and likeness of God.

God created all of mankind in His own image and likeness. This is a thrilling truth. Another exciting truth is that God individually created each one of us. We are not accidents.

For you created my inmost being; you knit me together in my mother's womb.

Psalm 139:13 (NIV)

Thus says the LORD who made you And formed you from the womb,... Isaiah 44:2a (NKJV)

Thus says the Lord, your Redeemer, who formed you from the womb:... Isaiah 44:24a (ESV)

Not only did He create me individually, He created me for a special purpose. You and I are individually a special creation of God and we individually have value to God. He has a plan and a purpose for each one of us. This gives us a purpose for living, and the deepest needs of our heart and soul are satisfied. Real satisfaction comes when we know God and serve Him in the way He planned for us.

The word of the LORD came to me, saying, Before I formed you in the womb I knew you, before you were born I set you apart; I appointed you as a prophet to the nations."

Jeremiah 1:4-5 (NIV)

Everyone who is called by My name, Whom I have created for My glory; I have formed him, yes, I have made him." Isaiah 43:7 (NKJV)

All the days ordained for me were written in your book before one of them came to be.

Psalm 139:16b (NIV)

In Psalm 139:13-18, we find that God is deeply involved in the creation and life of every individual human being. Before we are born, He has determined what kind of a person He wants each individual to be. He has a unique special plan and purpose for every individual. He even determines the length of a person's life before he is born. Verse 13 states that God is in control, even in our conception. *"He knit me together in my mother's womb."* Before our conception, He determines who we will be, where we will be born, what race we will be, our physical characteristics, our mental capabilities, etc. It is no accident that we are a man or a woman, Indian, White, Black, Asian, Latin or a member of another race. Who we are and the home we are born into is all determined by God.

Sometimes our situation in life may seem unfair to us, but God's promises of care and provision apply to everyone and He will provide for our needs (See Matthew 6:25-34) no matter what our situation. God will reward us according to our faithfulness, and He has all eternity to show us His appreciation for our commitment to faithful service to Him.

Again, all people, both men and women, are created in the image and likeness of God. The words "likeness" and "image" indicate that we are like God in some ways, but not an exact copy. If something is "like" something else, it is similar but not exactly like it. Only Jesus is the "exact representation of His (God's) being" (Hebrew 1:3). Jesus, being God, is exactly like God. However, we, as humans, have some characteristics that are like God but we are far from being exactly like Him.

How are we created in the image of God?

In this section we are going to suggest some ways that we are created in His likeness and give some suggestions as to how we should respond to each of these likenesses. This is very important since being created in the image of God is foundational in our understanding of who we are. Our world view and our self-concept are all based in our understanding of this truth and it affects all our perspectives, attitudes, and actions.

A. Like God, we have the ability and the desire to give and receive love and fellowship.

In Genesis 1:26, when it first states that we were to be created in God's image, there are two plural pronouns, "us" and "our", both of which refer to God. It is not an accident that God referred to His own plural being or trinity when He revealed that He was ready to create man in His own image. To understand how we are created in God's image, we need to have some understanding of the use of "us" and "our" in this verse.

These plural pronouns are the first indication, or at least a hint, of the trinity. There is only one God; yet, there are three beings -- the Father, the Son, and the Holy Spirit -- who form that one God. Each of these three are distinct; yet, they are one. This is a Scriptural teaching that we do not fully understand; yet, it is true.

Within the trinity, the Father, the Son, and the Holy Spirit all have perfect love, unity, harmony and fellowship with each other. (John 14:31, John 17) There is also the giving and receiving of glory and honor. Jesus glorifies the Father and the Father glorifies the Son. (John 17:1, 22, 24, John 14:13) The Spirit directs our attention to the Son (John 14:26, 15:26) and Jesus submits to the will of the Father (Mark 14:36). God is a God of perfect love, harmony, unity, and fellowship, and He demonstrates it all within His own triune being.

When God created us in His own image and likeness, He gave us the capacity to love, to honor, and to fellowship with Him like each member of the trinity loves, honors, and fellowships with other members of the trinity. We can love and fellowship with God Himself and we have the capacity to love and fellowship with fellow believers (1 John 1:3, Philippians 2:1). This capacity to know, to love and to fellowship with God is unique to man. No other part of God's creation has this capacity. No animal has the capacity to know, to fellowship with, and to love God. Man alone is able to love God, to serve Him, and to praise and to worship Him. This brings joy to the heart of God.

After creating Adam and Eve, apparently God would come down in the "cool of the evening" and talk and fellowship with them. What a demonstration of God's desire for fellowship with man. These truths boggle our minds. Now, in spite of all our sin and all our weaknesses, God still loves us and He wants us to walk and fellowship with Him!!! Can we grasp that? Can we understand that God loves us with the same love that He loves His own son? And that sometime soon He will take those who have believed in Him home to be with Him. For eternity He will shower us with the riches of His grace. We are blessed and rich beyond imagination!!!

...what we have seen and heard we proclaim to you also, so that you too may have fellowship with us; and indeed our fellowship is with the Father, and with His Son Jesus Christ.

1 John 1:3 (NASB)

God is faithful, by whom you were called into the fellowship of his Son, Jesus Christ our Lord.

1 Corinthians 1:9 (ESV)

The following verses from John 17 give us some insight into just how deep that fellowship with God can be. Here Jesus is praying to God, His father. Carefully read and think about these passages. They contain profound truths.

I do not ask on behalf of these alone, but for those also who believe in Me through their word; that they may all be one; even as You, Father, are in Me and I in You, that they also may be in Us, so that the world may believe that You sent Me. "The glory which You have given Me I have given to them, that they may be one, just as We are one; I in them and You in Me, that they may be perfected in unity, so that the world may know that You sent Me, and loved them, even as You have loved Me. "Father, I desire that they also, whom You have given Me, be with Me where I am, so that they may see My glory which You have given Me, for You loved Me before the foundation of the world. John 17:20-24 (NASB)

Then one of the scribes came, and having heard them reasoning together, perceiving that He had answered them well, asked Him, "Which is the first commandment of all?" Jesus answered him, "The first of all the commandments is: 'Hear, O Israel, the LORD our God, the LORD is one. 'And you shall love the LORD your God with all your heart, with all your soul, with all your mind, and with all your strength.' This is the first commandment. "And the second, like it, is this: 'You shall love your neighbor as yourself.' There is no other commandment greater than these." So the scribe said to Him, "Well said, Teacher. You have spoken the truth, for there is one God, and there is no other but He. Mark 12:28-32 (NKJV)

Not only are we to love and fellowship with God, we are to love and fellowship with fellow believers.

Beloved, if God so loved us, we ought also to love one another. 1 John 4:11 (KJV)

Now that you have purified yourselves by obeying the truth so that you have sincere love for your brothers, love one another deeply, from the heart. 1 Peter 1:22 (NIV)

B. God made man an intelligent being.

God is the designer and creator of man, the earth, and the entire universe. This took a tremendous amount of intelligence. Obviously, we, as humans, fall far short of the intelligence of God; however, when God created us in His own likeness, He made us with, by far, the highest degree of intelligence of all the living beings He created. We can acquire knowledge, gain insight, understanding, and wisdom. We have the ability to think, to reason, to solve problems, and to design.

God gave us this intelligence and these abilities so that we, empowered by the Spirit of God, can serve Him in the capacity He calls us to and we can worship Him in a way that glorifies Him.

The Holy Spirit lives in and gives direction to those who put their faith in the Lord Jesus Christ. However, this does not mean that we do not need to exercise the mental abilities that God gave us. He gave us a capable brain and He expects us to use it. Many times in Scripture we are instructed to actively seek and use knowledge, understanding, discretion, insight, and wisdom.

In the Bible, wisdom is the highest form of intelligence. Wisdom is a result of knowing the Word of God, being led by the Spirit of God, and of faithfully serving the Lord over a significant period of time.

The following verses express the intensity of our pursuit of Godly understanding, discernment and wisdom.

My son, if you receive my words and treasure up my commandments with you, making your ear attentive to wisdom and inclining your heart to understanding; yes, if you call out for insight and raise your voice for understanding, if you seek it like silver and search for it as for hidden treasures, then you will understand the fear of the Lord and find the knowledge of God. For the Lord gives wisdom; from his mouth come knowledge and understanding; he stores up sound wisdom for the upright; he is a shield to those who walk in integrity,...

Proverbs 2:1-8 (ESV)

C. God made man an emotional being.

God is an emotional God. He has feelings. In Scripture, God expresses emotions such as love, joy, delight, hate, sorrow, grief, and anger. When God created man, He also made us to be emotional beings. Since we are to be conformed to the image of Jesus, we must learn to love the things He loves; we must hate what He hates; we must be angry at what makes Him angry; we can have joy at what gives Him joy; and we can be satisfied with what makes Him satisfied. This emotional likeness enables us to be in conformity with the very heart and feelings of God. This is amazing. As this happens, our very thoughts, emotions, and feelings bring us into conformity with God's own will and purpose.

Love must be sincere. Hate what is evil; cling to what is good. Be devoted to one another in brotherly love. Romans 12:9-10 (NIV)

But you have this in your favor: you hate the practices of the Nicolaitans, which I also hate. Revelation 2:6 (NIV)

These things I have spoken to you, that my joy may be in you, and that your joy may be full. John 15:11 (ESV)

For behold what earnestness this very thing, this godly sorrow, has produced in you: what vindication of yourselves, what indignation, what fear, what longing, what zeal, what avenging of wrong! In everything you demonstrated yourselves to be innocent in the matter.

2 Corinthians 7:11 (NASB)

D. God made man with a conscience and a sense of morality.

God is a holy God. There is not the slightest tint of sin or evil in the character of God. God has also given man an inbuilt moral consciousness. While man's conscience can be severely hardened or altered and it is far short of God's holy standard, we still have a consciousness of right and wrong. This separates us from the animal world and is a likeness to God. Man's conscience, especially when given direction from the Word of God, leads him to act in a way that honors his Creator.

Indeed, when Gentiles, who do not have the law, do by nature things required by the law, they are a law for themselves, even though they do not have the law, since they show that the requirements of the law are written on their hearts, their consciences also bearing witness, and their thoughts now accusing, now even defending them. Romans 2:14-15 (NIV)

Christians who know God have the Word of God which gives us instruction in how to live Godly lives. We also have the Spirit of God who enables us to put into practice what the Word of God teaches. With these at work in us, we clearly have the ability to discern right from wrong and are able to put it into practice.

Let us draw near to God with a sincere heart in full assurance of faith, having our hearts sprinkled to cleanse us from a guilty conscience and having our bodies washed with pure water. Hebrews 10:22 (NIV)

But the goal of our instruction is love from a pure heart and a good conscience and a sincere faith. 1 Timothy 1:5 (NASB)

E. God made man with creativity and an appreciation for beauty.

God's creation of the earth and the descriptions of heaven and the New Jerusalem all indicate that God is a creative God who loves beauty. When we see a beautiful sunset, or majestic mountains, or a beautiful bird, or see and smell a fresh rose, we are awed by their majesty and their beauty. When God created man, He gave him an appreciation of beauty. Our appreciation of beauty causes us to honor and praise the God of beauty. We are brought to the point of awe, praise, and worship of God because of what He has created.

When I consider Your heavens, the work of Your fingers, the moon and the stars, which You have ordained; what is man that You take thought of him, and the son of man that You care for him? Psalm 8:3-4 (NASB)

The heavens declare the glory of God; the skies proclaim the work of his hands. Day after day they pour forth speech; night after night they display knowledge. There is no speech or language where their voice is not heard. Their voice goes out into all the earth, their words to the ends of the world. Psalm 19:1-4 (NIV)

God also gave man the ability to be creative. Man's appreciation of beauty and his ability to be creative gives him the ability to create music and works of art that give glory and praise to our

Creator. When we uplift and praise and worship Him through our music and through other creative works of art, He is honored.

Saying, I (Jesus) will declare thy (God) name unto my brethren, in the midst of the church will I (Jesus) sing praise unto thee (God). Hebrews 2:12 (KJV)

Sing to the LORD a new song; Sing to the LORD, all the earth. Sing to the LORD, bless His name; Proclaim good tidings of His salvation from day to day. Psalm 96:1-2 (NASB)

...speaking to one another in psalms and hymns and spiritual songs, singing and making melody with your heart to the Lord; always giving thanks for all things in the name of our Lord Jesus Christ to God, even the Father. Ephesians 5:19-20 (NASB)

Let the word of Christ dwell in you richly as you teach and admonish one another with all wisdom, and as you sing psalms, hymns and spiritual songs with gratitude in your hearts to God. Colossians 3:16 (NIV)

...and all the Levitical singers, Asaph, Heman, and Jeduthun, their sons and kinsmen, arrayed in fine linen, with cymbals, harps, and lyres, stood east of the altar with 120 priests who were trumpeters; and it was the duty of the trumpeters and singers to make themselves heard in unison in praise and thanksgiving to the Lord), and when the song was raised, with trumpets and cymbals and other musical instruments, in praise to the Lord,...
2 Chronicles 5:12-13 (ESV)

Praise Him with trumpet sound; Praise Him with harp and lyre. Praise Him with timbrel and dancing; Praise Him with stringed instruments and pipe. Praise Him with loud cymbals; Praise Him with resounding cymbals. Let everything that has breath praise the LORD.
Psalm 150:3-6 (NASB)

F. We are not created in a physical likeness of God.

Being in the form of God does not mean we are physically like God. We have a physical body. John 4:24 teaches that God is a spirit. As a spirit, God does not have a body. Therefore, it is safe to conclude that we are not created in a physical likeness of God.

Did sin destroy the image of God in man?

When God created Adam and Eve, they were sinless. In our minds it is not difficult to see how sinless man was made in the image or likeness of God, but it may not be so easy to see how sinful man is created in God's image. Sin has undoubtedly marred God's image in man; however, at least twice in Scripture, it quite clearly teaches that we are still created in God's image.

Genesis 9:6 was written long after man's fall into sin. While giving instructions to Noah about capital punishment, God reaffirms that man was still created in the image of God.

Whoever sheds the blood of man, by man shall his blood be shed, for God made man in His own image. Genesis 9:6 (ESV)

When the book of James was written, after the life of Christ, man was still created in God's likeness.

...but no human being can tame the tongue. It is a restless evil, full of deadly poison. With it we bless our Lord and Father, and with it we curse people who are made in the likeness of God. James 3:8-9 (ESV)

Both of these passages indicate that mankind is still made in the image of God. Genesis 3 records the tragic fall of mankind into sin. Even though this was devastating, it does not take away from the truth that each one of us is still a special creation of God and that He has a plan and purpose for each of us, even from conception. We can rejoice that God has not abandoned us and that we are still created in His likeness. What a blessing!!!

"I call heaven and earth to witness against you today, that I have set before you life and death, the blessing and the curse. So choose life in order that you may live, ... Deuteronomy 30:19 (NASB)