

APOLOGETIC RESOURCES

**A Young Earth ministry
perspective, namely
contrasting Scripture
to true science now
and during the ages.**

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9/2016**

Editor

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I HAVE NO GREATER JOY THAN TO HEAR THAT MY CHILDREN WALK IN THE TRUTH

III JOHN 1:4

Forward - Although there is much young Earth information available from commercial sources and on the internet, it was the impression of this writer that no resource that deals with basic topical issues correlating the young Earth philosophy and science exists for professional church workers. To this end, Apologetic Resources is being offered.

Intended Audience – The intended audience of this reference material is primarily use by professional church workers, i.e., teachers, pastors, youth workers, etc., namely those who choose to uphold the literal interpretation of Genesis and the inerrancy of Holy Scripture. The focus in this regard is Young Earth Creationism and the catastrophic nature of the global Genesis Flood keeping in mind that Genesis 1-11 is foundational to most of the significant doctrines of Holy Scripture. Of course, laymen may well also find this reference a valuable resource. There is obviously a realistic interplay between Scripture, apologetics and true science. The goal of this document is to provide clarity to this interaction.

Rationale in Writing the Apologetic Resources – Providing a Christian education offers a marvelous opportunity to “Train up a child in the way he should go; even when he is old he will not depart from it” (Proverbs 22:6). However, our children are confronted daily by mass media which presents subtle insinuations undermining, if not destroying their faith in Jesus Christ, their Redeemer. Since the secular world has adopted the theory of evolution as an absolute fact, it makes every effort to integrate this falsehood into science textbooks, particularly the areas of astronomy, biology and geology. With textbook companies typically having a wide distribution of their products, they also have the funds to offer a superior product which unfortunately includes their bias regarding evolution. Hence this fact is an inducement for Christian schools to use these secular textbooks. Therefore, the availability of a source such as the Apologetic Resources could aid Christian educators in sorting through the labyrinth of falsehoods and the championing of the truth of Scripture.

Usage - One may make a hard copy for convenience; however, keep in mind that it is this writer’s goal to periodically update this resource. Given that, it may be most advantageous to maintain a computer copy. Keep in mind that this enables readers to quickly reference specific information via the “find” function.

Two recommendations are offered. One is to review the index and start by going to the topic that would be most interesting/useful since for a new user the materials may be somewhat overwhelming. Secondly, regarding the use of videos and DVDs, once reviewed and selected, a particularly helpful media resource could be highlighted item for future reference.

Quiz - A quiz with an answer key is found on the last four pages of this resource. Take a few minutes to complete the quiz and then review your responses which will give you a perspective.

Apologetic Perspectives

- In *Christ All Things Hold Together*, a report by the Commission on Theology and Church Relations by the Lutheran Church-Missouri Synod is a philosophical refutation of scientism, namely materialist science which since the Enlightenment has become the only way of gaining knowledge within the scientific community.
- *Mere Apologetics* by Alister McGrath, a theistic evolutionist, has the focus of offering a primer in the subtitles which shares the message of salvation in Scripture with others.
- Answers in Genesis is a ministry that offers a plethora of materials designed to support the young Earth perspective and refute the theory of evolution.
- The Institute of Creation Research has the primary focus of developing young Earth research to refute the theory of evolution.
- The focus of this Apologetic Resource is to compile a handbook of basic topics refuting the theory of evolution directed primarily for the professional church worker.

Biographical Sketch - Dr. Jim Pagels has been in Lutheran school ministry as a classroom teacher, interim principal and school/clinical psychologist for over a half a century. He was born in Woodlake, MN, and grew up at Watertown, MN, where his father was a Lutheran elementary teacher/principal. Dr. Jim attended Concordia Academy at St. Paul, MN, where he learned his love for the biological sciences and respect for apologetics from Professor Paul W. Stor, a graduate of the St. Louis Seminary. Jim graduated from Concordia Teacher's College, River Forest, IL, and had his teaching internship at St. Martin's Lutheran School in Clintonville, WS. He taught at Redford Lutheran School in Detroit, Michigan, for approximately a decade. Dr. Jim received his Ph.D. from University of Detroit-Mercy in Clinical Psychology which led him to his ministry at Lutheran Special Education Ministries. There Jim completed thirty-five years of psycho-educational of student evaluations along with related parents and teacher consultations. He is a licensed clinical psychologist in Michigan and, in retirement, continues to complete pro bono evaluations on children within Lutheran Schools and pursue apologetic interests.

Sincere Appreciation - My primary thanks goes out to my wife Doris for a half century of support and patience through the process. Also recognition is offered to Faye Voorman, a former student for her proofreading and offering recommendations. At this time in history we are blessed by the abundance many excellent professional sources offered by Young Earth ministries including, but not limited to, Answers in Genesis and Institute for Creation Research. Finally, my heartfelt thanks goes to John Fricke for his ongoing support in offering his professional expertise in editing this Apologetic Resource for the benefit of our Lutheran schools and congregations.

TABLE OF CONTENTS

Title page.....	1
Miscellaneous Content.....	2
Table of Contents.....	4
1. Secularism vs. the Lutheran Church Missouri Synod	6
2. Evangelism through Apologetics	19
3. Creation vs. Evolution – Conflict between two religions.....	44
4. Dinosaurs – Used by secularists as a gateway to evolution; however, dinosaurs actually lived with man during the biblical time span.....	66
5. Genesis Flood – Billions of dead things laid down by water are buried in rock layers all over the Earth.....	72
6. God’s Young Earth – Ninety percent of the Earth’s geological evidence supports a young Earth within a biblical time frame.....	78
7. Mt. St. Helens – Within a day, this small volcano provided geological evidence for what secularists claim took millions and billions of years.....	82
8. Plate Tectonics – The Earth, being a single land mass at creation, rapidly separated during the Genesis Flood forming the present day continents.....	85
9. Ice Age – This single ice age was an aftermath following the Genesis Flood and occurred during the eight generations from Noah to Abraham.....	91
10. Dating Techniques – The unreliable dating techniques involving primarily radiometric which support the “millions of years” construct.....	98
11. Geological Column – A secular chronology attempting to explain Genesis Flood geology.....	110
12. Grand Canyon – God’s monument to catastrophe, namely the geological aftermath of the Genesis Flood.....	116

13. Darwin in Perspective – The most recent attempt at explaining the philosophy of evolution amid the many other failures.....	120
14. Myth of Monkey-to-Man Evolution, the Piltdown Man and Lucy – A history of misidentifications and falsifications of God’s creation of man.....	125

Book Reviews

<i>Darwin’s Black Box</i> – The Biochemical Challenge of Evolution by Michael Behe.....	130
<i>Darwin on Trial</i> by Phillip Johnson.....	131
<i>Natural Theology</i> by William Paley.....	132
<i>The Blind Watchmaker</i> by Richard Dawkins	133
<i>The Dawkins Delusion?</i> by Alister and Joanna McGrath.....	134
<i>The God Delusion</i> by Richard Dawkins.....	135
<i>The Language of God</i> by Francis Collins.....	136

Appendices

Quiz on Apologetics.....	137
Answer Key to the quiz on Apologetics.....	139

Chapter 1

SECULARISM VS. THE LUTHERAN CHURCH MISSOURI SYNOD

II Timothy 3:16 "All Scripture is breathed out by God and profitable for doctrine, for reproof and for training in righteousness that the man of God may be equipped for every good work."

II Peter 1:21 "For no prophesy of Scripture was ever produced by the will of man, but men spoke from God as they were carried along by the Holy Spirit."

THE BIG IDEA

HOLY SCRIPTURE IS THE INERRANT WORD OF GOD

THE HISTORY OF EVOLUTIONARY THOUGHT

- From the beginning of time evolution has been fundamental to all pagan religions.
- Anaximander of Miletus (610 -546 BC), a materialist, believed that nothing exists except matter, its movements and modification, and man descended from animals.
- Empedocles (490-430 BC) claimed that living creatures originated by chance.
- Plato (428-348 BC) proposed that a species is fixed, meaning that all species remain stable and do not evolve over time.
- Aristotle (384-322 BC), sometimes referred to as the grandfather of science, taught that the Earth is the center of the universe, the motion of the stars is circular and the brightness of the stars does not change. By the Middle-Ages, Aristotelian astronomy and the Catholic Church were united in their philosophy and Greek philosophy had gained the stature of religious dogma within the Catholic Church.
- Epicurus (342-270 BC) believed that many species developed spontaneously.
- Epicurean philosophy (50 BC) taught that the universe and living things had developed solely by naturalistic mechanisms.
- Saint Augustine (354-430 AD) did not accept a literal interpretation of the Genesis creation story. He taught that animals developed by a gradual process.
- Thomas Aquinas (1225-1274 AD), an Italian Dominican friar and Catholic priest, rejected a literal interpretation of Genesis in favor of the philosophy of naturalism.

- Bishop Ussher (1581-1656), an Irish scholar, published a chronology purporting the date of creation to be 4004 BC.
- Rene Descartes (1596-1650), a French mathematician and materialist, believed the universe, Earth, and life developed mechanically, without divine guidance.
- Baruch Spinoza (1632-1677), a Dutch philosopher, laid the groundwork for 18th century Enlightenment and modern biblical criticism. In challenging Scripture and the tradition of the Catholic Church, he supplanted the supernatural with reason, e.g., Spinoza claimed that the Torah was written by Ezra, not by Moses.
- Thomas Malthus (1766-1834), an English cleric, wrote that population growth leads to a struggle for survival.
- Erasmus Darwin (1731-1802), an English physician, philosopher, free thinker and slave-trade abolitionist, proposed the rise of life from minute organisms living in mud to the diversity of life we see today.
- William Paley (1743-1805), Christian apologist, offered the argument for design using the example of a watch requiring a designer in response to Erasmus Darwin's evolutionary philosophy.
- James Hutton (1726-1797), a Scottish geologist and physician, was the founder of modern geology, proposing gradual geological processes operating continuously over "millions of years," typically referred to as "deep time."
- Jean-Baptiste Lamarck (1744-1829), a French naturalist, believed the simple forms of life were created spontaneously and that the innate life forces of nature drove species to become more complex over time. His theory was coined, the "Inheritance of Acquired Characteristics."
- Charles Lyell (1779-1875), a British lawyer and naturalist, published *Principles of Geology* in 1830 advocating an uniformitarian alternative to the catastrophic theory and added the supposed "millions of years" to the age of the Earth. Hutton, along with Lyell, was considered the fathers of uniformitarianism.
- Robert Chambers (1802-1871), Scottish publisher and geologist, proposed an evolutionary scenario for the origins of the solar system and life on the Earth, claiming that the fossil record documented the progressive ascent of animals. Chambers popularized the "gap theory" which claimed the days of creation were 24-hour days, but imposed a gap between the first and second verse of Genesis, thus harmonizing Genesis and "deep time."
- Charles Darwin (1809-1882), an English naturalist and geologist, wrote the *Origin of Species* which proposed the theory of natural selection via the survival of the fittest. His theory proved to be a quite enduring theory for the cause of evolution. Another one of his books written in 1871 was *The Descent of Man, and Selection in Relation to Sex* which applied his theory of natural selection to human evolution.
- Henry Huxley (1825-1895), an English writer and philosopher, focused on supposed evidence of evolution, e.g., birds evolving from reptiles and horse evolution. Huxley, typically referred to as "Darwin's bulldog," coined the term agnostic in referring to an individual who believed it is impossible to know if God actually exists.
- Robert Wiedersheim (1848-1923), a German anatomist, proposed 86 structures and organs in the human body that were thought to be useless, labeling them vestigial. These organs have supposedly lost their ancestral function, but were retained in the body as a result of evolution. Currently five organs including the vomeronasal organ,

goose bumps, Darwin's ear point, the tailbone and wisdom teeth are claimed to be vestigial which is highly debatable.¹

- Thomas Morgan (1866-1945), a biologist from Kentucky, experimented unsuccessfully with the fruit fly, hoping to demonstrate that a new species could be created through mutations alone.
- Alexander Oparin (1894-1980), a Russian biochemist, proposed that life on the Earth occurred by chemosynthesis, the gradual chemical evolution of complex molecules from simple compounds containing carbon, hydrogen, oxygen and nitrogen in the Earth's original "primordial soup."
- Niles Eldredge and Stephen Gould, proposed the punctuated equilibrium theory in 1972, claiming that species remained largely unchanged for long periods punctuated by brief periods of rapid change. This theory was used to explain the virtual absence of transitional species in the fossil record.

FOUNDATIONAL CHRISTIANITY

The history of Christianity has been fraught with conflict. Amid turmoil, theologians have maintained the authenticity of Scripture which has become "a city set on the hill cannot be hidden." (Matthew 5:14). The inerrancy of Scripture has been upheld at numerous pivotal junctures in the history of Christianity and also within the Lutheran Church-Missouri Synod. The following events touch on that history:

- The Old and New Testament canon was nearly universally accepted as Scripture by 250 AD.
- The Apostles Creed emerged from the Western Church in the 2nd century as a summary of the teaching of the apostles, with its present form dating back to the 8th century.
- During the 2nd century the Athanasian Creed enunciated the teaching of the Trinity and the person and work of Jesus Christ. It was credited to Athanasius of Alexandria, a defender of Nicene theology.
- The Nicene Creed was formulated at the First Ecumenical Council at Nicaea in 325 AD and was written in response to the Arian heresy which denied the divinity of Christ. It specified that Jesus Christ and the Holy Spirit are true God and equal with the Father.²

THE TRADITION OF THE CATHOLIC CHURCH

- A pivotal doctrine of the Roman Catholic Church is that the Pope and his successors were appointed by Christ to lead the church on Earth. This doctrine is based on Matthew 16:13-20 as follows: When Jesus came into the district of Caesarea Philippi, he asked his disciples, saying, "Whom do men say that I am?" ...Simon Peter replied, "You are the Christ, the Son of the living God." And Jesus answered him, "...And I tell you, you are Peter, and on this rock I will build my church."

In this discussion Jesus was not saying that He would build His Church, the body of all true believers, upon Peter a mere man, but upon faith in Jesus Christ, the Son of God, who has the power to forgive sins. Jesus had also dealt with the matter of the forgiveness of sins when he said to the dying thief crucified with Christ, "Truly I say unto you, today you will be with me in Paradise." (Luke 23:43). Thus began the

doctrine of the supremacy of the pope, i.e., that the pope is the Vicar of Christ and pastor of the entire Christian Church over which he has universal power.

- From early times on the Catholic Church venerated Mary, the mother of Jesus along with the saints were said to have led "holy lives." These individuals were designated to receive the prayers of the faithful.
- The infallibility of the pope concerning faith or morals was defined in the First Vatican Council of 1869-1870 although this has previously existed from medieval times.
- The doctrine of the Catholic Church is based on the Catholic Bible including the Apocrypha, ecumenical councils, papal bulls and the debates of scholars. Therefore, the Catholic Church honors two distinct modes of transmission of truth, namely the Sacred Scripture and the supposedly infallible Sacred Tradition based on human reason. Although Luther included the Apocrypha in his Bible, he did not consider it to be inspired by God.
- The doctrine of purgatory was established by the Catholic Church around 1160 AD and was explained as follows: "All who die in God's grace, but are still imperfectly purified, are indeed assured of their eternal salvation; but after death they undergo purification, so as to achieve the holiness necessary to enter the joy of heaven." They reference Revelation 21:27, namely "But nothing unclean shall enter [heaven]" and Habakkuk 1:13 which says, "You [God]... are of purer eyes than to behold evil and cannot look on wrong..." This doctrine of the Catholic Church questions if faith in Jesus Christ is sufficient for salvation. Of course, Luther and Scripture speak to this matter ³.
- Salvation can only be achieved by accumulating sufficient "good works."
- In the 1200's the Church began selling indulgences for obtaining the forgiveness of sins to pay for building projects. In 1505, under Pope Julius II, indulgences were used to build St. Peter's Basilica in Rome.
- In Luther's time the buying and selling of clerical offices was a standard practice in the Catholic Church.
- In Luther's day, the Latin Mass was used in the churches. In contrast, Luther offered the German Mass to his parishioners. Note the position of the Catholic Church even today, "The hatred of the Latin language is innate in the hearts of all the enemies of Rome."⁴

In short, the Catholic Church based its interpretation of Scripture on a political system that elevated personages in the Church and debased the common people into servitude. Similarly, the Pharisees and the Sadducees had also used Scripture to establish a political system of domination in Jesus' day. The Catholic Church developed a theology based on man's interpretation of Scripture, venerated Mary as holy, and placed mere humans (saints) as advocates of God and developed a system of works righteousness which undermined the sufficiency of Jesus Christ redemptive work. Luther protested and from then on was labeled a "Protestant" as were his followers.

Over time there was a growing dichotomy in the Catholic Church that emphasized the importance of one's spiritual life, but also indicated that science explained the natural world of which evolution was an integral part in creating. This had its origin in Aristotle's scientific method which assumed learning was based on observation, not God's revelation. From the Renaissance and climaxing during the Enlightenment, the origin of man was based on explaining a world apart from God.⁵

LUTHER AND RELATED CHURCH HISTORY

- Luther (1483-1546), an Augustinian monk, Catholic priest and professor of theology, was the seminal figure in the 16th century Protestant Reformation.
- Luther rejected many of the doctrines and practices of the Catholic Church. His ideas are often summed up in the Latin phrases, sola scriptura, sola gratia and sola fides. These concepts along with solus Christus and soli Deo Gloria are basic to the protestant reformation and signify that we are saved only by Scripture, faith, the grace of God, the work of Christ, with all the glory going to God.
- In 1517 Luther wrote the 95 Theses, the official name being *The Disputation on the Power and Efficacy of Indulgences*, which he posted on the church door in his home church in Wittenberg, Germany. By January of 1518, these Theses were translated into German and widely disseminated. Fortuitously, Johannes Gutenberg had recently invented the printing press featuring moveable type which facilitated the rapid dissemination of Luther's 95 Theses.
- In 1521, following the defense of his Theses at the Diet of Worms, Luther was excommunicated and vulnerable to death without impunity. On his way back to Wittenberg, Frederick III arranged to have Luther intercepted and escorted to the security of the Wartburg Castle in Eisenach. During his stay there, Luther translated the New Testament from Greek into German and also wrote numerous doctrinal statements. His extensive writings include a preface to many of the books of the Old and New Testament, lectures, the German Bible and the Small and Large Catechism.

MEN OF SCIENCE, MEN OF FAITH

All scientific discoveries support the Christian worldview, i.e., the universe did not occur through random events, but is a matter of incredible organization and design.

- Copernicus (1473-1543) was considered by the Catholic Church to be heretic because he claimed that the sun was the center of our universe.
- Tycho Brahe (1546-1601), a man of faith, was the last of the great "naked eye" astronomers.
- Sir Francis Bacon (1561-1626) originated the modern scientific method. Note his quote, "A little philosophy inclineth man's mind to atheism, but depth in philosophy bringeth men's minds about to religion."
- Johannes Kepler (1571-1630), a German Lutheran, was an astronomer and solved the problem of the retrograde motion of Mars. One of his notable quotes is, "Try to think God's thoughts after him."
- Galileo Galilei (1564-1642) was a mathematician, engineer, astronomer, physicist and philosopher who taught that the acceleration of falling bodies was not influenced by its weight. However, he was convicted of heresy due to the Roman Church interpretation of Scripture agreeing with Aristotle's geocentric world model, namely that the Earth was the center of the universe.
- Blaise Pascal (1623-1662), a Frenchman, was a mathematician, physicist, inventor, writer and Christian philosopher.
- Robert Boyle (1627-1691) is regarded as the first modern chemist and had deep theological interests.

- Sir Isaac Newton (1642-1727), known as the father of physics, gave us the laws of motion, inertia, momentum, gravitation and action and reaction.
- Carl Linnaeus (1707-1778), son of a Lutheran pastor, developed binomial nomenclature, the system for naming plants and animals using genus and species names. He is often described as the father of ecology and taxonomy.
- Michael Faraday (1791-1867), an English scientist, contributed to the fields of electromagnetism and electrochemistry.
- George Cuvier (1769-1832), a French naturalist and zoologist, was a most influential proponent of catastrophism.
- Louis Pasteur (1822-1859) proposed the theory of biogenesis, namely that life does not emerge from non-life.
- James Maxwell (1831-1879), a Christian mathematical genius, predicted the spectrum of electromagnetic radiation.
- Lord Kelvin (1824-1907), a British mathematical physicist, was responsible for the formation of the first and second laws of thermodynamics.
- Lister (1827-1912), a British surgeon, promoted the idea of antiseptic surgery.

THE ENLIGHTENMENT (AGE OF REASON)

The purpose of the Enlightenment was to undermine the authority of Scripture. This was achieved by replacing the supernatural with man's reasoning. Consequently, Scripture namely God's story of creation, the Genesis Flood and morality were placed into the hands of man. One example of this was Thomas Jefferson, who took a razor blade and cut out all of Christ's miracles, his resurrection and passages relating to Christ's divinity.

- The Age of Enlightenment had its origin in the late 17th century in Europe.
- The emphasis of this era was individualism and free thinking.
- The scientific method was used to challenge tradition, the Church and Scripture.
- Proponents of the Enlightenment were:
 - Francis Bacon (1562-1626), an English philosopher, was a strong advocate of the scientific method during the scientific revolution.
 - Baruch Spinoza (1632-1677), a Dutch philosopher, who laid the groundwork for the 18th century Age of Enlightenment.
 - John Locke (1632-1704), an English philosopher and physician, who became known as the "Father of Classical Liberalism".
 - Voltaire (1694-1778), a French satirist, was known for his attacks on the Catholic Church and advocated for freedom of religious expression and the separation of church and state.
 - Isaac Newton (1643-1727), an English physicist and one of the most influential scientists of all time, was a key figure in the scientific revolution.
- In America, followers of the Enlightenment included the likes of George Washington, Benjamin Franklin and Thomas Jefferson. This movement played a major role in the American Revolution, the Declaration of Independence and the Bill of Rights.
- The Age of Reason supported free thinkers in England such as Charles Darwin, Charles Lyell, Ernst Haeckel, Thomas Huxley, Sigmund Freud, and Charles Dawson, all of whom were pivotal in codifying the theory of evolution.

- The Age of Enlightenment continues, to this very day, significantly influencing the culture, politics, and government of the United States of America.

LUTHERAN CHURCH-MISSOURI SYNOD

- **Foundational Documents** – The writings of the Lutheran Church are contained in the 16th century Book of Concord. It includes the Apostles, Athanasian, and Nicene Creeds, the Reformation writings, namely the Augsburg Confession, the Apology of the Augsburg Confession, the Smalcald Articles, the Treatise on the Power and Primacy of the Pope, Luther's Small and Large Catechisms, and the Formula of Concord.⁶
- **From Germany to America** - Martin Stephan helped organize 700 people and five ships for passage from Germany to America in November 1838. Land was purchased by the Saxon immigrants in Perry County, Missouri, where the group settled. In time, Martin Stephan, the church's Bishop, was accused of sexual misconduct. Pastors Loeber and Walther were informed of the problem and conferenced with lay leaders. Ultimately Stephan was excluded from the settlement, leaving C. F. W. Walther as the senior clergyman.
- **Leadership Established** - C. F. W. Walther was a leading theologian of his time. In 1847 he was elected the first president of the fledging Lutheran Church body in America. Walther is fondly known as the "Father of the Missouri Synod" and many theological writings are credited to him.
- **Unionism Rejected** - In years prior to 1929, efforts to bring about a union between the Iowa, Ohio, Buffalo, Missouri and Wisconsin Synods of the Lutheran Church was attempted. An inter-synodical committee was chosen and drew up a document known as the "Chicago Thesis." The Lutheran Church-Missouri Synod (LCMS) Convention rejected this document. In clarifying the synod's stand, theologian Franz Pieper wrote the "Brief Statement" which was adopted at the LCMS convention of 1932. Offered below is an excerpt from this document as it relates to apologetics:⁷
"We teach that God has created heaven and Earth, and that in the manner and in the space of time recorded in the Holy Scriptures, especially Genesis 1 and 2, namely, by His almighty creative Word, and in six days. We reject every doctrine which denies or limits the work of creation as taught in Scripture. In our days it is denied or limited by those who assert, ostensibly in deference to science, that the world came into existence through a process of evolution; that is over immense periods of time developed more or less out of itself. Since no man was present when it pleased God to create the world, we must look for a reliable account of creation to God's own record, found in God's own book, the Bible."
- **Scriptural Inerrancy Challenged** - By the late 1960's, the St. Louis Seminary had developed the reputation of a liberal institution with its professors promoting the historical-critical methods of biblical interpretation. This perspective stressed the importance of the teaching of Gospel (forgiveness of sins in Christ) over the importance of the totality of Scripture. The basic question was whether the totality of Scriptures are the norm of our faith and life or whether the Gospel alone is that norm. Specific bones of contention focused on six-day creationism and women being ordained pastors.⁸

By the 1960's Old Earth proponents had developed a stronghold in an area they described as science which was actually a religious belief system which will be clarified later. Such systems are typically identified by terms such as naturalism, materialism and empiricism. The latter took hold during the Enlightenment and claimed that reason and the scientific method were the only determinates of reality. Therefore, the supernatural God was branded as mere tradition and a crutch for the intellectually immature. The genre of Genesis was considered to be poetry making it a myth and fitting it into the philosophy of either theistic or "full blown" evolution. This was clearly an example that secular philosophy was also infecting the LCMS at this time. With this we are reminded of what Luther said in his explanation of the first article ... "we cannot by our own reason or strength believe in Jesus Christ, our Lord or come to Him."

Coming from New Jersey in 1969, John Tietjen had been elected president of Concordia Seminary. Shortly thereafter, the LCMS Synodical Convention, on narrow vote, elected Jacob Preus, a conservative and then president of Concordia Theological Seminary in Springfield, Illinois, as its president. Oliver Harms, the incumbent president, favored pulpit fellowship with the American Lutheran Church which did not hold Scripture as being inerrant. Preus' supporters wanted to see the LCMS, including its colleges and seminaries, adopt a more uniform, orthodox, confessional theological position. This convention was clearly a defining moment for the LCMS.

A fact-finding committee established by President Preus interviewed faculty members at the St. Louis Seminary and produced a blue book detailing the beliefs of these professors. The 1973 Convention in New Orleans condemned the St. Louis Seminary's faculty charging them with abolishing the formal principle, namely sola scriptura which states that all doctrines are derived from Scripture and Scripture alone. A more conservative St. Louis seminary board of control was elected and President Tietjen was suspended as president of the seminary in August of 1973. This resulted in a walk-out of 45 of the 50 seminary professors and a majority of the students. This renegade group formed the Seminary in Exile, also known as Seminex. Dissident LCMS congregations formed a new independent church body. This new Association of Evangelical Lutheran Churches represented less than 4% of the membership of the LCMS. Graduates of Seminex were called to minister to non-LCMS congregations. The Seminex disbanded in 1987 due to its difficulty in placing graduates. This conflict within the LCMS was the result of man attempting to impose reason on the interpretation of Scripture rather than maintaining the principle of Scripture's inerrancy. Man, no matter how intelligent, can ever displace God as the ultimate authority regarding Scripture.

An outgrowth of this conflict was an LCMS doctrinal clarification, "The Statement of Scriptural and Confession Principles of 1973." Interestingly, this was written by Ralph Bohlmann who followed Jacob Preus as president of the synod from 1981-1992. Time and time again we see that our synod's health is based on the leadership of theologians who adhere to the inerrancy of Scripture. This 47 page document of scriptural and confessional principles reviews the following topics: Christ as Savior and Lord, Law and Gospel, Mission of the Church, Holy Scripture, Original Sin, and Confessional Subscription. Relative to the section on Holy Scripture, there is a subheading "under historical methods of biblical interpretation." Rejected are the following:

- The question of whether specific events in Scripture actually happened.
- Methods of Scriptural interpretation based on secular and naturalistic notions of history as follows:
 - The universe is closed to the intervention of God or any supernatural force.
 - Miracles can be explained in naturalistic terms.
 - The denial of selected miracles found in Scripture.
 - Doctrines in Scripture are the result of a natural development or evolution of ideas and experiences within Israel and the early church.
 - The message of Scripture can be adequately measured by laws derived exclusively from empirical data and rational observation.
 - Man's inability to know the future makes genuine predictive prophecy impossible.
 - The Bible is not necessarily the primary tool to be used in interpreting Scriptures.
 - When historical methods are found at variance with Scripture, such conclusions may be accepted without violating the Lutheran view of Scripture or Lutheran Confessions, i.e., denying the existence of angels or a personal devil.

It is the view of this writer that our leadership in seminaries, colleges/universities, congregations and schools must actively support the doctrinal stances of our synod through staff selection, educational practices and inservice efforts, particularly focusing on the teaching of theology and science. Lastly, it is not only crucial that we clarify Scripture with regard to apologetics, but also relate the defense of Scripture to valid observations in science and reject the nonsense embodied within historical science of evolution.

CHALLENGES TO GENESIS

- **“Higher Critical Method of Interpretation** – Individuals working from a “higher critical” perspective advocate that the Pentateuch, namely the first five books of Moses, were authored during the Babylonian or post-Babylonian Captivity period about the ninth century BC. In John 5:45-47 Christ himself addressed this matter in stating, “Your accuser is Moses, on whom your hopes are set. If you believed Moses, you would believe me, for what he wrote about me. But since you do not believe what he wrote, how are you going to believe what I say?”
- **Two Accounts of Creation Claimed** - Another typical claim of detractors is that the book of Genesis contains two creation accounts; this assertion was first made by Baruch Spinoza at the onset of the Enlightenment. The fact is that Genesis 1 and 2 are complementary, not two separate accounts. Genesis 1 deals with the creation of man as the last of a series during the days of creation and Genesis 2 adds greater detail in terms of the creation of man, this being a common Hebrew literary device.⁹ The words of Christ also fittingly deal with those who support two creation stories. In Matthew 19:4-5 Christ combined quotations from the first two chapters of Genesis in declaring, “at the beginning the Creator made them male and female,” and then added, “For this reason a man will leave his father and mother and will be united with his wife, and the two will become one flesh.” (Genesis 2:24) Therefore, it is Christ himself, who affirms the authenticity of a single creation account.

- **Genesis is Poetry** - Others would suggest that Genesis is poetry focusing on the fact that Hebrew poetry uses parallelism, a remarkable correspondence of ideas expressed in two successive units. Yes, there is at least one case of poetry in Genesis 4:23-24 as follows, "Adah and Zillah, listen to me; wives of Lamech, hear my words. I have killed a man for wounding me, a young man for injuring me. If Cain is avenged seven times, then Lamech seventy-seven times." In this section called Song of the Sword, Lamech boastfully proclaims his vengeance on his fellow man and glorifies his forefather, Cain. Of course, this in no way undermines the major work of Hebrew scholars, Stephen Boyd and Robert McCabe, which offers statistically-based support to the premise that Genesis 1 and 2 are a narrative account and that the whole of Genesis is a historical narrative and not a myth. (See Chapter 3 under the heading, "What is the genre of Genesis?" for further clarification.) Still others would point out contradictions in the text between Genesis 1 and 2, however, these can be explained by a proper understanding of the Hebrew text.¹⁰
- **God's Time Contrasted to a Creation Day** - In this regard, a couple of passages are invoked, namely Psalm 90:4, "for a thousand years in thy sight are but as yesterday when it is past, and as a watch in the night" and II Peter 3:8 "...that with the Lord one day with the Lord is as a thousand years, and a thousand years as one day." These passages represent a metaphor describing God's eternity as timeless. A "day" in the creation account is clearly a 24-hour period of time as offered in Scripture. Furthermore, Genesis 1-2 offer no support for the "millions of years" required by evolution. For additional clarification refer to "The Genesis Creation" in chapter 3.

THE BATTLE FOR AMERICA

By early in the 20th century Darwin's theory regarding the origin of species had established a foothold leading the scientific community to believe that evolution was a fact; however, there was considerable disagreement regarding the specific mechanism for its occurrence. Particularly prominent in this battle was the ban of creationism/intelligent design from public schools and allowing the teaching of the "governmental religion" of evolution. Some of the highlights of this battle are reported as follows:

- After the First World War of 1914–1918, the teaching of creation and evolution became more controversial due to its relation to the free exercise of religion.
- Vernon L. Kellogg published *Headquarters Nights* in 1917 drawing a direct association between German war ideology and the Darwinian concept of the "survival of the fittest."
- In 1922 William Jennings Bryan published *In His Image* arguing that Darwinism was both irrational and immoral.
- The Scopes Trial of 1925 challenged the Butler Act of Tennessee which prohibited the teaching of evolution in its public schools. This was nationally covered by H. L. Mencken who used the opportunity to denigrate the town's creationist inhabitants as "yokels" and "morons." He referred to the speeches of the assisting counsel for the prosecution as "theological bilge" while referring to the defense in "glowing terms." Be mindful that a typical ploy of the proponents of evolution is to denigrate the opposition.
- The 1933 "Humanist Manifesto" proposed that the universe is self-existing, not created, and that man emerged as the result of a continuous process.

- In 1935, the "Religion and Science Association" experienced serious infighting between young Earth creationists and those adhering to theistic evolution.
- In 1941 the American Scientific Affiliation was established. This was a group of individuals in science-related disciplines who adhered to Old Earth Creationism.
- With the advent of the Second World War, creationists explained that the horrors of the Nazi Holocaust had been driven by eugenics, the idea that individuals with undesirable genetic characteristics should be removed from the gene pool. This philosophy was, in part, based on principles of cultural evolutionary theory.
- With the Russian launch of Sputnik in 1957, the National Defense Education Act was initiated to reform the science curricula in America. Along with the 100th anniversary of the writing of *The Origin of Species*, this act led to updating biology books by including a discussion of the theory of evolution.
- The Warren Court Era of the 1960's was responsible for a pivotal decision regarding the separation of church and state in America. The 1962 case of *Engel vs. Vitale* involved the mandatory daily recitation of a prayer written by the New York Board of Regents. The US Supreme Court ruled this practice unconstitutional, with Justice Black writing "it is no part of the official business of government to impose official prayers for any group of American people to recite as part of a religious program carried out by the government." In 1963 the reading of the Bible by a public school teacher in a classroom was also ruled unconstitutional. The ACLU and other civil libertarian groups hailed the court's decision as a victory.¹¹

The phrase, "separation of church and state" was not part of the U.S. Constitution of 1787 or any of its amendments. The Establishment Clause in the First Amendment was intended to protect churches from the federal government and thus disallow a "national" church, which is the case with the Anglican Christian Church of England. The fact is that numerous groups of immigrants came to America seeking the freedom to worship according to the dictates of their own consciences, thus avoiding a national church.

The history behind this ruling is that in 1802 Thomas Jefferson sent a letter to the Danbury Baptist Association of Connecticut attempting to assure the group that the federal government would never be allowed to interfere with the religious activities of churches. In his letter, Jefferson concludes as follows: ...I contemplate with sovereign reverence that act of the whole American people which declared that their legislature should make no law respecting an establishment of religion, or prohibiting the free exercise thereof, thus building a wall of separation between church and state. By taking Jefferson's letter out of its historical context, the "wall" metaphor has been used to eliminate the Christian concept of God from areas under public domain including the public schools. In contrast, the philosophy/religion of naturalism/atheism has been imposed on the public schools via its science curriculum resulting in the cultural shift toward evolution in America. For example, science textbooks typically define science with natural explanations which have their basis in evolution. Supernatural events are characterized as simply outside the bounds of science and reason, thus eliminating the Christian world view from the classroom.¹²

- *The Genesis Flood* of 1962 written by Henry Morris and John Whitcomb provided a scientific basis for Young Earth Creationism and flood geology. This book had a major impact on like-minded creationists who formed the Creation Research Society in 1963.

- In 1972 the Institute for Creation Research (ICR) founded by Henry Morris, split from the Science Research Center. ICR adheres to a young Earth creationist perspective and a literal interpretation of Scripture. Its research arm works tirelessly to debunk the theory of evolution in its various forms. ICR offers a monthly periodical, namely *Acts and Facts*, free of charge.
- In 1984 Carl Baugh established the Creation Evidence Museum in Glen Rose, Texas.
- In 1987 in the Edwards vs. Aguillard case, the US Supreme Court ruled the Louisiana law requiring the teaching of creation science along with evolution was unconstitutional since it advanced a particular religion. In contrast, the teaching of scientific theories about the origins of mankind was established as valid.
- In 1977 the Creation Science Association was organized in Australia by Carl Wieland. In the 1990's, this organization rebranded itself under the name of Creation Ministries International (CMI). This is a non-profit, young Earth, creationist organization promoting a literal interpretation of the book of Genesis. It distributes the *Creation Magazine*, a monthly periodical for a young audiences and the *Journal of Creation*, published triennially.
- In 1980 Answers in Genesis (AiG) was founded. It is a non-profit agency promoting Young Earth Creationism. Ken Ham, its current president, has been with AiG from its inception. This organization built the Creation Museum in northern Kentucky in 2007 and the Ark Encounter, a full-size replica of Noah's Ark completed in 2016. AiG has extensive outreach through written materials, DVDs, a quarterly magazine namely Answers and a speaker's bureau.
- In 1990 the Discovery Institute was founded advocating Intelligent Design (IT). Its goal was to make supernatural explanations acceptable, maintaining that intelligent intervention was necessary for evolution. Biochemist Michael Behe, a notable figure in the IT movement, wrote *Darwin's Black Box* arguing that the irreducible complexity of life refutes the theory of evolution.
- In 2005 the U.S. District Court of Pennsylvania ruled against IT in the case of Kitzmiller vs. Dover Area School District. The court's opinion stated that IT is a form of creationism, religious in nature and not scientific, thus consequentially IT violated the Establishment Clause of the First Amendment to the United States Constitution.

AUDIO VISUAL RESOURCES

PERSPECTIVE DVD'S AND YOUTUBES

https://www.youtube.com/watch?v=O4xTgY_tKhg

Martin Luther - PBS Documentary - Part 1 of 2 - YouTube – 54 minutes
This is offered as a story.

Martin Luther - PBS Documentary - Part 2 of 2 - YouTube – 54 minutes
This is offered as a story.

<https://www.youtube.com/watch?v=PyVrPIp4QsA>

Martin Luther Sparks a Revolution Video – 3 minute narration

www.history.com/topics/reformation/videos

Martin Luther (1953) Niall MacGinnis 1:57:55

BIBLIOGRAPHY

1. David DeWitt, "Setting the Record Straight on Vestigial Organs," <https://answersingenesis.org/human-body/vestigial-organs/setting-the-record-straight-on-vestigial-organs/>.
2. How and when was the canon of the Bible put together? <http://www.gotquestions.org/canon-Bible.html>.
3. Tim Staples, "Is Purgatory in the Bible?" <http://www.catholic.com/blog/tim-staples/is-purgatory-in-the-bible>.
4. Latin: the universal language of the Catholic Church, Homiletic & Pastoral Review, March 1991, pp. 64-65, <http://www.tldm.org/news5/latin.htm>.
5. Henry Morris, "Evolution Is Religion--Not Science," <http://www.icr.org/article/455/>.
6. Staff writer, "The Book of Concord - The Confessions of the Lutheran Church," <http://bookofconcord.org/intro.php>.
7. Arvid Gullerud, "A Closer Look of Those Who are Concerned," <http://clclutheran.org/shared/thoughtdocs/acloser.htm>.
8. Matthew Becker, "The Daystar Journal Talking Points about Doctrinal Authority in the LCMS, " <http://thedaystarjournal.com/talking-points-about-doctrinal-authority-in-the-lcms-2/>.
9. Wayne Jackson, "Are There Two Creation Accounts in Genesis?" <http://apologeticspress.org/apcontent.aspx?category=6&article=1131>.
10. Staff writer, "Why are there two different Creation accounts in Genesis chapter 1-2?" <http://www.gotquestions.org/two-Creation-accounts.html>.
11. Ken Ham, "Separation of Christianity and State," <https://answersingenesis.org/culture/america/separation-of-christianity-and-state/>.
12. Thomas Jefferson, Jefferson's Letter to the Danbury Baptists, The Library of Congress website.

Chapter 2

EVANGELISM THOUGH APOLOGETICS

Matthew 28:19 "Go therefore and make disciples of all nations baptizing them in the name of the Father and of the Son and of the Holy Spirit."

Matthew 19:14 "Let the little children come to me and do not hinder them, for such belongs to the kingdom of heaven."

THE BIG IDEA

EVANGELISM, SHARING GOD'S MESSAGE WITH THE LOST

SECULARISTS ATTACKS ON GOD

This spiritual battle as characterized by Ephesians 6:12. "For our struggle is not against flesh and blood, but against the rulers, against the authorities, against the powers of the dark world and against the spiritual forces of evil in the heavenly realms."

- Is the Bible true?
- Is there a god?
- Who is God?
- What adjustments to Scripture does man need to make to find it acceptable?
- In which ways does Scripture conflict with historical science?

GOD'S RELATIONSHIP TO MAN

- **The Nature of God** – That is summed up with a passage from I John 4:8 ...God is love. Actually everything that God has done, is doing or will do in the future is motivated by his unending love for man. God created man with a free will, not imposing obedience, but desiring a mutual relationship with the man he created. After man's fall into sin, God sent his Son as previously promised into the world to fulfill the law perfectly as a free gift to redeem or buy back man from his lost and sinful condition. This ultimate act of love by God will return man to a perfect relationship with him in heaven throughout all eternity.
- **Man's lost condition** – Sin is a state common to all of mankind because of Adam's sin. Many falsely blame God for the results of man's sin, namely thorns, disease and death. They claim that God is not loving; however, the real problem is that man has rejected God.

- **How does God share his message?** He does this through His Holy Scripture. In both the Old and New Testament, God begins by sharing the story of creation, namely God's love for man, man's sin, the promise of redemption, and the Law which illustrates our lost condition and the redemptive act of Christ Jesus.

APOLOGETICS

- Apologetics is taken from the Greek word "apologia" which means to defend. It entails defending the faith or responding with a word.
- Approach your defense of the faith with meekness and humility as indicated in I Peter 3:15 "... always be prepared to give an answer to everyone who asks you to give the reason for the hope that you have. But do this with gentleness and respect." II Corinthians 5:20 also offers direction in this regard by stating, "We are therefore Christ's ambassadors..."
- Use listening ears as James 1:19-20 indicates, "Everyone should be quick to listen, slow to speak and slow to become angry, because human anger does not produce the righteousness that God desires."
- Apologetics involves removing the impediments to receiving the Gospel message. In this process the head and heart "barriers to faith," namely misunderstandings or misrepresentations that must be dealt with.
- Remember that the goal of apologetics is to build bridges for people to cross into an understanding and appreciation of the God of Scripture. Paul, the apostle, explains that the best defense for Christianity is to explain it. In essence, Christianity is to grasp God's reality by making sense of what we think, see and experience.¹

APPEALS OF APOLOGETICS

- Creation deals with the universe's origin; all things have a beginning or a cause. God's universe and Earth are fine-tuned for life and are characterized by order, regularity and intelligibility. This is accomplished in many constants such as nuclear forces, electromagnetic forces and gravitation.
- Morality is a longing for justice and the image of God. This is explained in Genesis 1:27 with the following words, "So God created mankind in his own image, in the image of God created He them; male and female created He them."
- The signpost to God's greater beauty is found in the splendor of nature.
- Man was created to fellowship with God forever.
- Christianity offers a relationship with God as a person. This true love offers the secure basis we need in our lives. Eternity is planted by God in the heart of man.

GATEWAYS TO EVANGELISM

- The basis of apologetics is origin, design, and coherence. The Christian faith offers the reality of God's created world and our experiences and morality give us a reliable foundation to our life.
- Paint pictures as metaphors to which people can relate. Stories can paint specific pictures in the mind that offer a view of God's reality. Christ used parables to illuminate a single point.

Films, poetry and works of art are also useful story-like images.

Matthew referenced the picture of "the kingdom of heaven" 33 times in his gospel.

John referred to Jesus using the picture of "I Am" 7 times, e.g., bread of life; light of the world; door; good shepherd; resurrection and the life; the way, the truth and the life; and the true vine.

The Apostle Paul's imagery was the concept of "adoption."

Share your story and determine how it can relate to your audiences?

TYPICAL QUESTIONS IN THE MINDS OF ADULTS

As previously explained, questions typically involve two dimensions, one being a head- or content-related question and the other, a question related to feelings. Responses to questions must therefore seek to answer both questions.

- Isn't Genesis just poetry and not narrative or a real event?
- Doesn't the Bible contain myths, e.g., myths such as Jesus' miracles, Jonah, etc.?
- God created Earth, but didn't it take "millions of years" for man to evolve to his present state?
- Didn't Darwin prove that evolution has occurred?
- Hasn't science proved that evolution is a fact?
- Doesn't Lucy prove man evolved from apes?
- If God is a loving God, why does He allow wars and suffering?
- If God is good, why do bad things happen to good people?
- Why does the God of the Old Testament appear so vindictive?
- Why isn't God doing for me what I am asking of Him?

PHILOSOPHY OF OUR CULTURE

Secular humanism is ubiquitous in our culture. It is a system of religious beliefs embracing human reason, man's ethics and nature as the driving force of the universe. Secular humanism specifically rejects a literal interpretation of Scripture, the supernatural in any form, and miracles using pseudoscience and rationalism as the basis for origins morality and decision making.

MILITANT ATHEISM

- The focus of evolution is the elimination of religious superstition. The goal is the emancipation of humanity from all taboos and arbitrary limits. God is frequently considered a crutch or a sign of infantile behavior. On the heels of Darwin, Sigmund Freud's goal was to help people outgrow what he perceived as their juvenile illusion of religion. Richard Dawkins, a professor at Oxford, is one of the most outspoken adversaries of God, acting with disdain and claiming God does not exist.
- William Provine, Ecology and Evolutionary Biologist at Cornell University, stated "There are no gods, no purposes, no goal-directed forces of any kind. There is no life after death. ...That's the end for me. There is no ultimate foundation for ethics, no ultimate meaning to life and no free will for humans either."

IMPLEMENTING APOLOGETICS

GOD IS MANIFESTED IN SCIENCE

God is the Creator of all things; the sun, moon, stars, galaxies, Earth, plants, animals and man. God fashioned a perfect, orderly and flawlessly balanced universe, a moral law and created man with a free will. God, Scripture and true science are in perfect harmony. Nature is God's creation, not a driving force in the universe apart from God. Evolution is not science; evolution is nonsense based on the reasoning of man apart from God. From an instructional and/or counseling perspective, the theology of our triune God and true science are one. Therefore, it is perfectly logical to share the science of God's creation; furthermore, when teaching science, it is reinforcing to interface it with God's story in Scripture. In this regard, interjecting the attributes of God/God's story which are detailed later in this chapter in both religion and science is foundational. Confronting the nonsense of the theory of evolution is pivotal in this regard.

SCIENCE VERSES NONSCIENCE

Science is Knowledge	Evolution is a Philosophy, a Systems of Beliefs
Science is the observation of the here and now.	Pretending to observe the past using current observations is historical science.
Based on repeatable observations, experiments and results.	Based on the belief/philosophy of evolution with interpretations requiring unending assumptions and circular reasoning.
Resulting in establishing facts, theories and laws.	Resulting in conjecture offered as a theory and stated as a fact, but actually being merely a belief/philosophy.
Scripture will co-exist in unity with true science.	Evolution denies the Creator's existence and is embraced by atheists, agnostics, naturalists and materialists.
Genesis is God's literal account of origins. Scripture is God's inerrant Word.	Natural man historically uses his reason to disavow or compromise Scripture.

MANAGING EVIDENCE – From *The Lie* by Ken Ham

Ken Ham noted that when he taught the evidence for creationism, the secularist teachers would just reinterpret that evidence from their evolutionary perspective, minimizing his effectiveness. He then changed his method by first starting with the nature of true science which yielded more effective outcomes.² In building on this foundation, Ham taught his students that all scientists have presuppositions or beliefs used to interpret evidence. He then shared his beliefs in the Scripture concerning creation, man's fall into sin, God's judgment in the Genesis Flood, etc., and how the evidence of the universe, its laws and God's moral law and design in nature coincide with the evidence found in science. With this approach students developed a better understanding of the nature of God and Scripture. Of course, much print is devoted in this book to dealing with the topics which evolutionists offer as their alternative proof to a Creator.

GOD'S STORY

Basic Version	The Seven C's (The Answers in Genesis Paradigm)
God's perfect creation on Earth.	Creation - Genesis 1:1
Man's fall into sin and its effects.	Corruption – Sin, death and decay.
God's promise of a Savior (Genesis 3:15).	
Catastrophe – The Genesis global flood.	Catastrophe – The Genesis global flood.
Tower of Babel – Confusion of languages and the dispersion of people across the Earth.	Confusion – God commanded man to spread across the entire Earth. Their refusal led to God confusing the languages.
Story of the Old Testament - God's caring and discipline of His chosen (Jewish) people.	Christ – Living a perfect life without sin.
God's promise of a Savior fulfilled by His keeping the law perfectly in our stead.	Cross – The sacrifice for our sins, the conquering of death and the devil.
Christ's suffering and death on the cross for our sins as the Lamb of God.	Consummation – God restores man and the Earth to its original perfect state (heaven).
Living with God forever in heaven.	

ATTRIBUTES OF GOD

Within the instructional and counseling context of apologetics, questions take on theological dimensions. Therefore, being cognizant of how a subject's concerns relate to God's nature is fundamental. Therefore, a basic list of God's attributes is listed below along with implications regarding ministry:

- Spirit - John 4:24 "God is a spirit." - Although we do not see God, He has revealed Himself in Scripture including the incredible design in creation, order in the universe and His moral law found in Scripture and the heart of man, namely his conscience.
- Eternal - Psalms 90:2 "...from everlasting to everlasting, you art, God." - God was here before the creation of His perfect universe. Man was created in God's image, perfect and without sin. Only with the introduction of sin (original sin) into the world was man separated from God, resulting in the loss of his perfect state (deterioration/entropy) and the related advent of disease, suffering and death.
- Unchangeable - Malachi 3:6. "I, the Lord, do not change." - God keeps his promises. In Genesis 3:15 God promised to place a separation, Jesus Christ, between man and the devil. This was His promise to send a Savior to redeem man from his lost condition through Jesus Christ.
- Omnipotent (almighty) - Matthew 19:26. "... with God all things are possible. - Our God is a supernatural being and not limited by nature. In spite of the deterioration caused by sin, we still can see His magnificence in design throughout God's creation. This is in opposition to the unrealistic philosophy of non-directed and random changes over "millions of years" being responsible for the universe.
- Omniscient (all knowing) - John 21:17 "Lord, you know all things...." - To truly appreciate the essence of God being all knowing and incomprehensible, note this one example. Isaiah 55:9: "As the heavens are higher than the Earth, so are my ways higher than your ways and my thoughts than your thoughts."
- Omnipresent (present everywhere) - Jeremiah 23:24 "...Do not I fill heaven and Earth?" saith the Lord." - Again, we are confronted with the limits of our ability to truly understand God. As His children, we have only one viable option, to believe and

appreciate God's love for sinners and the sacrifice of Christ in our stead and to seek out a relationship with him.

- Holy - Isaiah 6:3 "Holy, holy, holy, is the Lord Almighty." - As God is holy, so is Christ, being sinless, He kept the law of God perfectly as our substitute before God.
- Just - Deuteronomy 32:4 "He is the Rock. His works are perfect and all his ways are just. A faithful God who does no wrong, upright and just is he." People question God's sending the flood on sinful man or having the children of Israel destroy nations that rejected Him. The truth is that we are God's creation, He is a righteous judge, but we do not understand His ways. It is man's nature to rebel against God and not accept His laws, His ways, and the offer of eternal life.
- Faithful - II Timothy 2:13 "If we are faithless, he remains faithful, for he cannot disown himself." - God keeps his promises of redemption and salvation by His undying love for those of His children who believe in His promises and are faithful to Him.
- Benevolent (desiring our welfare) - I John 4:8. God is love. I Timothy 2:4. - God loves the sinner and wants all people to be saved and to come to knowledge of the truth.
- Merciful - Psalms 145:9 "The Lord is good to all, he has compassion on all he has made. God is full of pity for the sinner." Hebrews 8:12 "For I will forgive their wickedness and will remember their sins no more." - All of this is true because of the sacrifice of His Son for sinful man.
- Gracious - I John 4:8. (forgiving) - "God is love." Psalm 86:15 - "But you, Lord, are a compassionate and gracious God, slow to anger, abounding in love and faithfulness." I John 1:9 - "If we confess our sins, he is faithful and just and will forgive us our sins and purify us from all unrighteousness."³

THE FOUNDATIONAL THEOLOGY OF GENESIS

- Jesus quoted Genesis 1-11 as literal history, namely the creation, flood, genealogies, tower of Babel and Abram (Abraham).
- There are over 100 references in Scripture taken from Genesis 1-11.
- The New Testament writers quote Genesis passages 165 times.
- God created the Earth, the universe and all living things in six 24-hour days and rested on the seventh day. (Genesis 1:1-27)
- God created his creatures to "bring forth after their kind" as reported in Genesis 1:24. This relates to the fixity of "kinds" in contrast to the evolution of molecules-to-man. In this regard, it is important to realize that the term "kinds" in Scripture does not necessarily correspond to a species or the genus level, typically referring to the family level of classification.⁴
- God created mankind "in His own image" meaning that as with all of creation, man was perfect, without sin, without death and without defect. (Genesis 1:26)
- God told man to subdue the Earth and placed him over all the animals. This was possible because of the uniqueness of God's creation of man. In contrast to the rest of God's creatures which were essentially bound by limited instincts, man could reason and also communicate using articulated language. (Genesis 1:28 ... and God said unto them, "Be fruitful and multiply, fill the Earth and subdue it. Rule over the fish in the sea and the birds in the sky and over every living creature that moves on the ground"
- God set forth the herbs and plants for man to eat before the fall. Genesis 1:29, and God said, "I give you every seed-bearing plant on the face of the whole Earth and every tree that is fruit with seed in it. They will be yours for food."
- Not only was the creation of man a special creation, but man was distinguished from the animals in that man was given a soul and could live in eternity with God. Genesis 2:7, "Then the Lord God formed a man of the dust of the ground and breathed into his nostrils the breath of life, and man became a living soul."

- God loved man dearly and wanted man to love Him in return. For this relationship to occur, God created man with a free will. God also set a rule in His relationship with man, namely that man should not eat of the tree in the middle of the garden. Genesis 2:16-17, and the God commanded the man, "You are free to eat from any tree in the garden, but you must not eat from the tree of the knowledge of good and evil, for when you eat from it you will certainly die."
- God made woman as man's helpmeet and instituted marriage between one man and one woman for the procreation of children. Genesis 2:22, "Then the Lord God made a woman from the rib he had taken out of the man, and he brought her to the man."
- Sin entered into the world by the breaking of God's direct command. Genesis 3:6. "The woman saw that the fruit of the tree was good for food and pleasing to the eye, and also desirable for gaining wisdom, she took some and ate it."
- The results of man's sin were many. Death came into the world, since before sin there was no death. For someone who believes in evolution, whether an atheist or a Christian who believes in theistic evolution, molecules-to-man evolution requires death before man came into existence. Such a position is unscriptural. Additionally, the ground was cursed and consequentially man would spend a lifetime in toil. And for the woman, pain in childbirth was greatly increased. God's entire creation was now altered from the original perfect creation to one of increasing disorder (entropy – changing from order to disorder), which can be observed throughout the universe.
- In spite of man's sin, God's enduring love for man prevailed in that God sent His only Son to redeem man from his sinful nature so that he could live with God throughout all eternity. Genesis 3:15, "I will put enmity between thee and the woman and between thy seed and her seed; it shall bruise thy head, and thou shalt bruise his heel."⁵

INEXCUSIBILITY OF DENYING THE CREATOR

This is illustrated by Paul's admonition in Romans 1:20-22. "For since the creation of the world God's invisible qualities – his eternal power and divine nature – have been clearly seen, being understood from what has been made, so that people are without excuse. For although they knew God, they neither glorified him as God nor gave thanks to him, but their thinking became futile and their foolish hearts were darkened. Although they claimed to be wise, they became fools."

HOW COGNITION APPLIES TO INSTRUCTION

- Frequently students have recognizable difference in learning styles, e.g., left-hemispheric students are the earlier readers in contrast to right-brained learners who may "initially appear" to be weaker students as they develop their reading skills somewhat later.
- Subjects such as reading, language, spelling and history typically favor the left-hemispheric students.
- Scholastic subjects like math, science and computers typically favor right-brained learners.
- Science can benefit students of both hemispheric styles when it is taught from a hands-on, experimental perspective rather than as just another memory course with a purely textbook focus. Using this approach whenever possible for it represents a critical opportunity for right-brained students to develop areas of success within a school environment that previously may not have been available. Additionally, it offers left-brained children an opportunity to develop a broader range of reasoning skills.⁶

CONTRASTING LUKE AND JOHN

Luke, the Physician	John, the Fisherman
A Gentile and resident of the Hellenistic city of Antioch in Syria.	A Jew and resident of Galilee.
Being a friend and traveling companion of Paul, the apostle, was a difficult and dangerous life requiring unconditional dedication to Paul and God's message of salvation through Jesus Christ.	Described as the disciple Jesus loved, John was reported to be the only disciple who died a natural death. Ascribed to John are John's Gospel, three epistles and the book of Revelation.
Luke's writing style/cognitive processing was from the perspective having articulate vocabulary, accuracy in writing, and a historical perspective as seen in the book of Acts.	John's writing style was to use word pictures or descriptions. John 1:1-3 was a metaphorical recapitulation of the creation. John's Gospel containing seven "I Ams" and seven miracles emphasizing Christ's deity and Christ's creative act and metaphorically uses terms such as "light" and "life".

HOW WE ARE LIKE LUKE AND JOHN

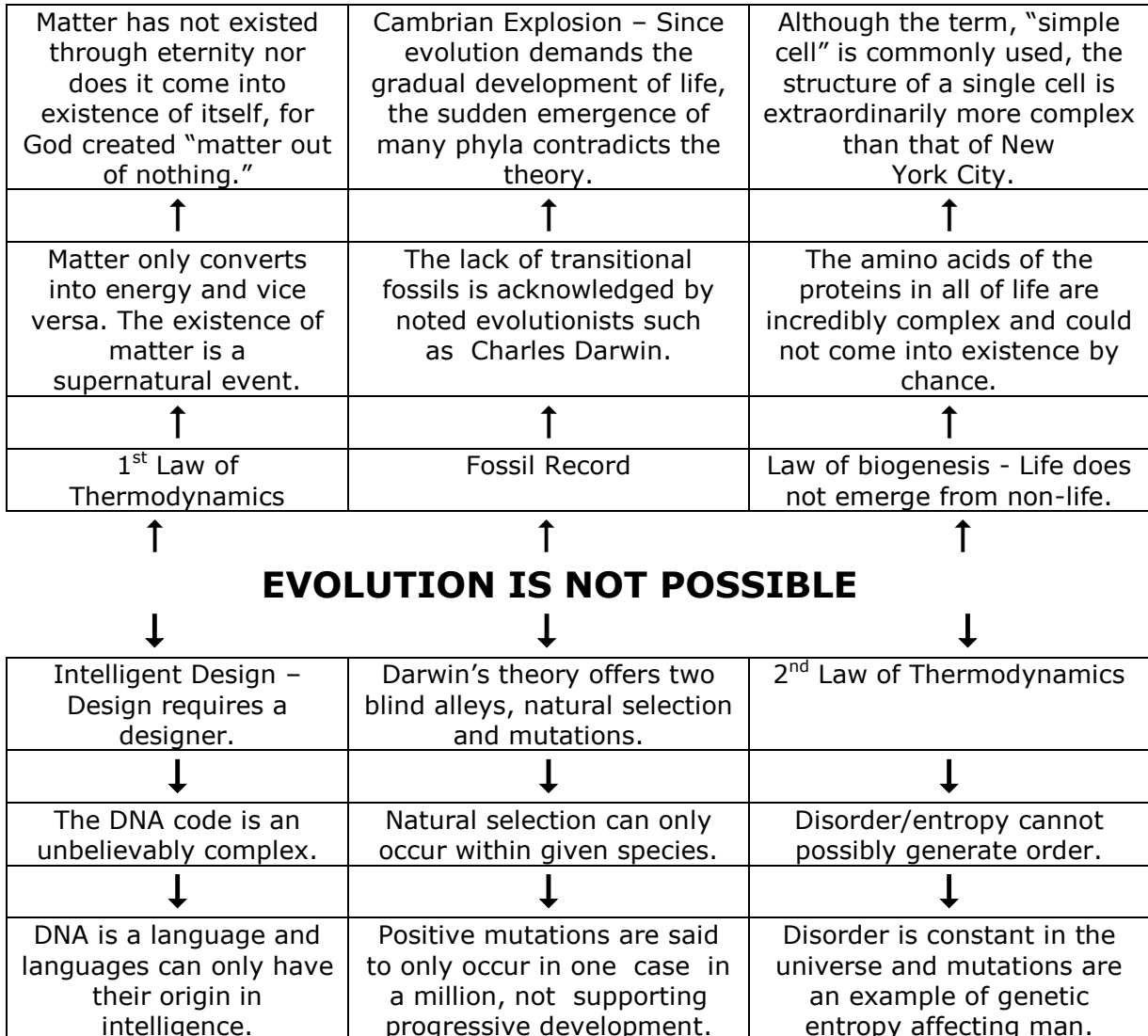
Luke Left Mode Processing	John Right Mode Processing
Verbal, using words to describe and communicate.	Spatial, seeing the relationship of parts to each other and to the whole.
Thinking in the abstract	Thinking in the concrete
Using time sequences to process information and using a historical perspective.	Using likenesses/metaphors to think and communicate.
Processing information logically, from point to point.	Processing intuitively, basing judgments on patterns, hunches, feelings and visual images.
Academic strengths include reading, writing, history and performing on tests of recall.	Academic strengths include math, the sciences and also computer science.

INSTRUCTIONAL PERSPECTIVE

- Use the most effective teaching approaches. Keep in mind that the continuum from least-to-highly effective approaches related to student recall described in the learning pyramid as: lecture, non-rated; reading, 10%; audiovisual, 20%; demonstration, 30%; discussion, 50%; practice doing, 75%; and teaching others, 90%.
- For the early elementary grades, there is an abundance of books available from Young Earth sources which can be incorporated into lessons and are available for students to read, e.g., Answers in Genesis, Institute for Creation Research Master Books and Zondervan, etc.

- There is much excellent audiovisual material found in this resource and through internet sources for learners and professionals alike.
- Choose materials based on the concept to be covered rather than on the length of the audiovisual. Do not feel compelled to use a complete DVD or YouTube. It is quite acceptable to focus solely the specific pertinent materials needed to achieve the desired instructional point.
- Review of prior knowledge helps to stabilize previously related learning experiences.
- Understand that science is a right-brained activity. Use graphic organizers in contrast to linear note taking. Check out the graphic organizer on the page below. Review the content and develop the related evolution/nonsense and science/Scripture sequence as outlined in this resource.
- Share God's story from Scripture and/or the attributes of God where they can be integrated into a lesson.

GRAPHIC ORGANIZER



THE GRAPHIC ORGANIZER

An example of a graphic organizer is offered regarding the fact that evolution is not possible. Besides being a diagram, it can also be used for note taking. The most common form of a graphic organizer has the main idea in the center with lines emanating outward to clusters of information related to the primary point and additional clusters of related information originating from those secondary points, etc. An additional use for this device is in report writing to develop a visual outline of the report. One of the values of this technique is that each of the secondary points can represent a paragraph of the report in progress when sequenced in their appropriate linear order can aid in the process of report writing. One may choose to check the internet for additional examples of the graphic organizer.

TEMPERAMENT AND INTERVENTION

Hippocrates, the father of western medicine, lived about 400 B.C. and first defined the idea of temperaments. His conceptualization has endured to this present day in various forms and describes stylistic differences between people. Understanding the concept of temperament offers one a power tool both within a teaching and counseling format. Personal differences are often described by using examples of personages from the Bible. Although the concept of temperaments may occur in pure forms, it may be typically found as the blending of two styles. What follows are a list of biblical personages, Hippocrates' original designation, and the related characteristics:⁷

- Paul, the choleric, is characterized as being fast-paced and task-directed. The strengths of this temperament include being strong-willed, independent, visionary, confident and practical. Weaknesses include being proud, domineering, unappreciative, unsympathetic, unforgiving and inconsiderate.
- Peter, the sanguine, is characterized as being fast-paced and people-orientated. The strengths of this temperament include being personable, compassionate, carefree, friendly and wanting to please. Weaknesses include being disorganized, egocentric, undisciplined, indecisive, restless and emotional.
- Abraham, the phlegmatic, is characterized as being slow-paced and people-orientated. The strengths of this temperament include being dependable, calm, efficient, organized, objective, diplomatic and humorous. Weaknesses include being indecisive, unmotivated, selfish, stingy, fearful and a tease.
- Moses, the melancholic, is characterized as being slow-paced and task-orientated. The strengths of this temperament include being analytical, sensitive, conscientious, loyal, idealistic and self-sacrificing. Weaknesses include being moody, negative, rigid, self-centered, impractical, unsociable and critical.⁸

There are two issues regarding temperament. First, within the counseling format, realize that different people tend to have different processing styles which they use both take in and relay information. In that regard, being able to most directly relate to a counselee is helpful. Individuals with a Pauline temperament would be concerned about the basic issues. In contrast, Peter temperaments would focus on social/emotion ramifications in touching lives. Individuals with Abraham temperaments would be concerned about how the audience sees the message as being socially appropriate and the Moses temperaments would focus on a detailed understanding of all the specifics. Of course, with temperaments that are people directed in contrast to be task directed, namely the Peter and Abraham temperaments, the rub comes in the fact that they would understand that the issue is not to please people, but to be clear in directing people to developing a relationship with God. In contrast, within a teaching format including sermonizing, one would want to understand that, to a reasonable degree, to be able offer

perspectives that would touch all temperaments and in terms of offering content and the potential for answering questions in the minds of students and hearers.

EARLY ELEMENTARY INSTRUCTION

The first two chapters of this book of apologetic resources embody many of the basic questions that children may ask, specifically God's story, the attributes of God, the foundational theology of Genesis and the creation of man and the universe. Additionally, a focus on the topics of the flood and dinosaurs are basic to the curriculum with young students. With regard to dinosaurs, this is an essential area to emphasize since it is typically an interest area for young children and is regularly offered by secularists as a gateway to evolution. For a more in-depth perspective with regard to children, Beverly LaHaye's focus in her book deals with understanding temperament in conjunction with children's spiritual needs, namely *How to Develop Your Child's Temperament*.⁹ Charles Boyd also offers insight into child management with temperament in mind, but more from a behavioral standpoint in his book, *Different Children, Different Needs*, but not only focuses on child temperament, but also deals with the child-parent temperament mix.¹⁰

APPROACHES TO APOLOGETICS

FIRST DIMENSIONAL APPROACH

Scripture Alone – Possible outcomes using only Scripture to support creationism:

- Many churchgoers typically accept Scripture as a fact.
- Other churchgoers continue to adhere to concepts embodied in theistic evolution and believe the secular/historic science which says the Earth is "millions of years" old and maintain conflicting philosophies, namely Scripture and evolution side-by-side. Old Earth Creationism/theistic evolution is actually the position of many Christian churches and a philosophy many Gospel preachers maintain since due to their ignorance of true science they succumb to the pressure of secular philosophy and make accommodations to the theory of evolution.
- Students in public schools, colleges and universities have a dilemma if they have grown up in a church that teaches creationism since they are bombarded with the perspective that evolution is science and a proven fact. Given non-science, conjecture and circular reasoning, these students may eventually be led to believe that the Bible is a myth, that God is not real and that nature is the driving force of the universe as is claimed by proponents of evolution and supported by our secular culture.

SECOND DIMENSIONAL APPROACH

Scripture and Evidence – This approach uses both Scripture and scientific evidence to refute the nonsense of evolution and can result in:

- Regular churchgoers having a more clear understanding of apologetics and the challenges offered by the secularists.
- Having the opportunity to give students at all levels valid information to counter the secular philosophy of evolution integrated into public school textbooks and mass media that deny the existence of our Creator God.

- Offering to those to whom one ministers the opportunity to compare and contrast evidence on both sides of the argument and to address the incessant rescue devices that secularists propose to support their position on origins.

THIRD DIMENSIONAL APPROACH

The Ultimate Proof – The perspective that secular world views are internally inconsistent and therefore self-refuting is offered in Dr. Lisle’s book, DVD, and YouTube entitled *The Ultimate Proof of Creation*. His methodology is directed toward counseling an individual who has a fixed belief in evolution. The effort clarifies philosophies related to evolution, whether it be materialism, naturalism, empiricism or relativism. In this process, one has the opportunity to show how a secular philosophy is arbitrary, contradicts itself, and is required to borrow from Scripture to support its position since only Scripture offers logic, uniformity in nature and true morality. Maintaining a philosophy that is inconsistent and violates the law of non-contradiction actually provides clear evidence that a philosophy is false.

APOLOGETICS, SCRIPTURE AND EVIDENCE

Scriptural Perspective	Realistic Evidences
3. Creation vs. Evolution – The first chapter of Genesis states that God created the universe and all therein “out of nothing” in six 24-hour days.	The law of conservation of matter states that matter only converts into energy and vice versa. Evolution requires either that matter spontaneously exists or is pre-existent, neither of which is defensible.
4. Dinosaurs – God created dinosaurs on the sixth day of creation along with other water and land creatures. Dinosaurs were aboard Noah’s ark during the Genesis Flood.	The behemoth is named in the book of Job. Dinosaurs were typically called dragons in Scripture and throughout the history of man. In contrast, secularists claim dinosaurs lived from 230 to 65 million years ago.
5. Genesis Flood – Genesis 6:5 – 10:32 records that God judged the sinfulness of man by sending a global flood and only saved Noah, his wife, sons and their wives from this catastrophe.	Over 70% of the Earth’s surface is covered with fossils which only form in water, not on erosional fields. Much scientific evidence supports the likelihood of a universal flood as Scripture proclaims.
6. Young Earth – The genealogies in Genesis and the historical context offered in Scripture clearly support a young Earth perspective.	In contrast to what is offered by the secular press, actually 90% of the scientific evidence supports a young Earth perspective while the other 10% of the evidence is highly contested.

<p>7. Mt. St. Helens – The Genesis Flood and related catastrophic events, e.g., water covering the Earth, volcanic and plate tectonic activities occurring in a relatively short time frame as indicated by the young Earth perspective of Scripture.</p>	<p>Secularists require “millions of years” for their theory of evolution to occur; however, in the case of Mt. St. Helens, in only a single day massive changes took place via this small volcano, mirroring events secularists ascribe to eons of time.</p>
<p>8. Plate tectonics – Genesis 1:9 stated that the waters were gathered into one place suggesting that there was one land mass. Additionally, Genesis 7:11 stated that “the fountains of the deep were split open” indicating severing of the initial land mass.</p>	<p>Although secularists ascribe “millions of years” to the formation of the continents, the biblical perspective suggests that the continents separated catastrophically during the Genesis Flood.</p>
<p>9. Ice Age – The ice age fits nicely into a biblical account during the eight generations between the tower of Babel and Abram (Abraham). Job is believed to have lived during that time as his book has many references to ice and snow.</p>	<p>While the evolutionary clock rigidly supports the “millions of year” scenario, radiocarbon dating of the Cro-Magnon Man and Neanderthal Man support a young Earth perspective and not the multiple ice ages proposed by secularists.</p>
<p>10. Dating Techniques - The genealogies and historical context provided in Scripture clearly support a young Earth.</p>	<p>Radiometric dating techniques suggesting “millions of years” have been proven both unreliable and invalid. These techniques consistently support a Young Earth.</p>
<p>11. Geologic Column – The Genesis Flood of Scripture clearly documents the worldwide catastrophe. This resulted from God’s judgment of a sinful world and supports a young Earth perspective.</p>	<p>Sedimentary rock layers stretch across continents and cover 70% of the Earth’s surface. Fossils offer overwhelming evidence for the Genesis Flood and not the imaginary construct of the geologic column.</p>
<p>12. Grand Canyon – The Grand Canyon is an excellent example of one of the many results of the catastrophic Genesis Flood.</p>	<p>Evidence clearly suggests the Grand Canyon resulted from a breached dam causing massive erosion of its base.</p>
<p>13. Darwin in Perspective – Scripture declared time after time that animals produce “after their kind” supporting the “fixity” of a species as is reported in Genesis 1:24.</p>	<p>Darwin’s two mechanisms for evolution were natural selection and mutations. Neither of these, nor a combination, provides the remotest possibility of macro-evolution, i.e., namely species-to-species evolution.</p>
<p>14. The Myth of Monkey- to-Man Evolution – Genesis 1:26 states that God created man out of the dust of the ground on the sixth day of creation.</p>	<p>Secularists have been tenacious in searching for a single example of monkey to man evolution. Results have amounted to cases of mistaken identity, fraud and fabrication.</p>

COUNSELING PERSPECTIVES

Some individuals may doubt or have questions about the validity of Scripture because of the relentless propaganda of secularists. It is not unusual for people to accept evolution as an absolute fact or merge Scripture with evolution by believing in the “millions of years,” commonly referred to as a theistic evolution or Old Earth Creationism. It is our responsibility to give the Holy Spirit an opportunity to work by sharing God’s message in Scripture. An excellent example of this process is offered via the Evolution vs. God DVD/YOUTUBE listed in the resource section under the Evolution section in the second chapter of this document.

- Understand the basic issue. An introductory inquiry may not actually be resolved by offering content or head knowledge since it may also be a matter of the heart and/or feelings. In exploring this, determine an individual’s primary concern by engaging in active listening before responding. In accomplishing this, one may gently inquire which life circumstance(s) underlie their question or concern.
- One can interject a listening ear by making non-directive utterances such as “yes,” “okay,” etc. before going on to the clarification statements such as, “What I hear you saying is...” Non-intrusive questions could include the following: “Help me understand.... What makes you think that to be the case?”
- It will be helpful to demonstrate empathy by repeating the inquiry with different words asking whether you correctly understand the subject’s concern. Questions of the heart are to be dealt with first. Then move on to answering matters related to content, e.g., evidence for creation or why evolution is not possible from a scientific perspective.
- Keep in mind that it is pointless to become argumentative or combative since the goal is to maintain a listening relationship with the counselee.
- In the case of origins, it is frequently helpful to explain that evolution and Christianity are philosophies/beliefs/religions. While evolution is presented as fact, that does not make it true as the last twelve chapters of this apologetic book illustrate.
- Develop a progressive pattern of conversation, moving toward your goal of sharing a Scriptural perspective of the counselee’s concern, bearing in mind that sharing God’s attributes and God’s story will naturally move from apologetics to evangelism.

THIRD DIMENSIONAL APOLOGETICS, NAMELY CONFRONTING SECULAR WORLDVIEWS

(The pages that follow summarize Jason Lisle’s
The Ultimate Proof of Creation approach)

SCRIPTURAL PERSPECTIVE

Romans 1:18-23 (Guilt of Mankind)

“For since the creation of the world God’s invisible qualities – his eternal power and divine nature – have been clearly seen, being understood from what has been made, so that people are without excuse. For although they knew God, they neither glorified him as God nor gave thanks to him, but their thinking became futile and their foolish hearts were darkened. Although they claimed to be wise, they became fools and exchanged the glory of

the immortal God for images made to look like a mortal human being and birds and animals and reptiles.”

Two thousand years ago Paul, the apostle, offered in the foregoing passage in his letter to Roman Christians. Compare that with a quote from Dr. Richard Lewontin, world renowned evolutionary biologist, who stated “We take the side of science in spite of the patent absurdity of some of its constructs . . . in spite of the tolerance of the scientific community for unsubstantiated commitment to materialism. . . we are forced by our *a priori* adherence to material causes to create an apparatus of investigation and 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.”

In his book and DVD Dr. Jason Lisle clarifies the difference between the evidence/proof and persuasive debate regarding the truth of Scripture. He stated that one approach to apologetics is to offer evidence that evolution is not possible to which a proponent of evolution will regularly offer a rescue device. In confronting this diversion, Dr. Lisle suggests that the most powerful approach is to point out the logical fallacy/irrationality in an evolutionary worldview.

A person who believes in evolution is an example of an individual living in God's world, using God's principals of logic, orderliness and uniformity in nature and morality in his daily/professional life and denying the existence of the creator of these paradigms. Therefore, he has no justification for his beliefs and can best be described as operating as an intellectual schizophrenic since when one argues on both sides of an argument one is demonstrating that a contradiction is being offered which makes absolutely no sense.

EVIDENTIAL ARGUMENTS CAN CREATE STANDOFFS

Evidence	Rescue Device
DNA is an example of genetic coding, a language requiring intelligence and a designer (God).	Aliens, having a higher form of intelligence, seeded life on the Earth.
Diamonds are claimed to be billions of years old. However, they contain C-14 which places them in the 100,000 year range or less.	Radiometric testing provides scientific proof that the Earth is billions of years old.
Comets burn out after 100,000 years so the Earth cannot be billions of years old since comets still exist.	Dr. Oort fabricated the idea that an area beyond Neptune produces new comets.

PRECONDITIONS FOR INTELLIBILITY

The biblical creation worldview states that life has been designed purposefully and created supernaturally by God approximately 6,000 years ago.

- Laws of logic are the standard of reasoning and a reflection of how God thinks. Therefore logic is a paradigm governing all possible conceptual relationships.

- Orderliness, regularity and uniformity in nature represent the hand of God in His creation. Genesis 8:22, "As long as the Earth endures, seedtime and harvest, cold and heat, summer and winter, day and night will never cease." The truth is that in order to carry out science, one must assume that the universe is orderly, stable, and rational; however, this assumption makes no sense in an evolutionary world view which is based on chance occurrences leading to the origin of the universe and molecules-to-man evolution.
- God established absolute morality. As our Creator, God has written the laws that govern the behavior of man.

IRRATIONALITY OF A NON-SCRIPTURAL WORLDVIEW

Proponents of evolution must use a biblical perspective to support their worldview since they develop knowledge only by borrowing from the Christian worldview. For if knowledge came into existence by chance, we really wouldn't know if it is valid. Therefore, while denying God's existence, an evolutionist acknowledges the hand of God by stealing from the Christian worldview in defending his evolutionary perspective. In this, he engages the universal rules of logic, the uniformity of nature and an orderly universe in terms of gravity, electromagnetic forces, the laws of physics and a rational mind, reliable senses, mathematical axioms and also an absolute moral code. In doing so, he recognizes that biblical suppositions make knowledge possible as stated in Proverbs 1:7, "The fear of the Lord is the beginning of wisdom: but fools despise wisdom and instruction."

DARWINIAN WORLDVIEW

- Life, from the Darwinian perspective, came into existence via nature through chance/random events such as natural selection and mutations. The problem is that uniformity in nature and the observations of our senses cannot exist in a random world.
- Man is simply the result of matter/chemical substances that react throughout our bodies and in our brains. The reactions of various chemicals preclude rational thought processes and the accumulation of knowledge and science.
- Man has no free will, but is simply the result of chemical reactions.
- Given man's supposed evolutionary origin from pond scum, like other animals, man has no soul and no life after death.
- Morality does not exist in matter, so it is claimed that there is no sin and no right or wrong; man is said to operate solely on the basis of ever-changing social conventions upon which society agrees.
- Relationships with others are based on the survival of the fittest, namely the strong suppressing the weak. History is replete with examples of this philosophy tragically playing out via various forms of genocide, e.g., Nazi Germany and abortions in America.

CONTRASTING WORLDVIEWS

- **Biblical Worldview** - A valid worldview must be consistent, rationally defensible and provide intelligibility including the preconditions of reliability of memory, senses, laws of logic, uniformity of nature and morality. These prerequisites only make sense in a biblical world view. Scientific knowledge is constantly changing in contrast to Scripture which does not change.

- **Secular Worldview** - Evolutionists typically embrace positions that are arbitrary, inconsistent and lack intelligibility. One cannot merely assume the premise that one is trying to prove. Unbelievers cannot account for conditions of intelligibility because that requires the laws of logic, uniformity of nature and absolute morality.

CHALLENGING PROPONENTS OF EVOLUTION

Dr. Lisle's tactic is to challenge the proponents of evolution by offering logical arguments to clarify the fallacies in the worldview of secularists as follows:

- **Materialism** – This philosophy claims that the only thing that exists is physical matter; matter cannot account for universal logic because for with thought processes based only on matter man is limited by biologically-based chemical reactions directed at survival and without the benefit of a free will.
- **Naturalism** – This philosophy is based on the supposition that only nature exists, namely that natural laws govern the universe; therefore, logic is excluded since it claims that life forms came into existence solely by chance. With DNA, a code and a language, intelligence is required so with DNA chance events are both affirmed and denied, thus violating the law of non-contradiction. Additionally, the "survival of the fittest" demands that the concept of morality is based on death, suffering, and the strong prevailing over the weak, this making absolutely no sense.
- **Empiricism** - This philosophy of experimental science is based on the belief that knowledge is gained only by observation. In this case, the laws of logic cannot be believed because they are not observed. If empiricism is proved by any other method than observation, it is uncertain and it refutes itself. For example, proponents of evolution claim the universe is a cosmic accident. Why then would one expect nature to be orderly or obey mathematical laws? Experimental (observational) science depends upon the uniformity of the laws of nature and logic ordained by God and stated in Scripture along with human ingenuity in problem solving. Furthermore, there is nothing in matter to account for the reliability of our senses and memory, these developing as a result of chemical reactions and mutations with survival benefit. Knowledge belongs to God, Proverbs 1:7, "The fear of Lord is the beginning of knowledge; fools despise wisdom and instruction."
- **Rationalism** – This philosophy is based on opinions and actions having their basis only on reason and knowledge which are grasped through logic and mathematical principles. Evolution, being based on random/chance events cannot logically exist within this context. If laws of logic are chemical reactions, they would not extend past our brains. Consequently our biologically-based, chemical processes within our cognitive processes could not be universal.
- **Relativism** – This position states that there is no absolute truth since truth varies from person to person; however, everything being relative is an absolute position. Therefore, relativism is another self-refuting philosophy.
- **Deism** – This philosophy embraces God as the creator as a way of bypassing the problem of where matter came from prior to molecules-to-man evolution. Thomas Jefferson developed his New Testament by taking a razor blade and cutting out all references to the supernatural. This just goes to prove that knowledge is not necessarily akin to wisdom.

- **Theistic Evolution** – This philosophy is like deism in that it accepts that God created the world. Old-Earth creationists then adjust their Scriptural doctrines to coincide with the current claims embodied in the theory of evolution.

TACTICS SURFACING IN ORIGIN DEBATES

- **Assuming a Premise** - One cannot merely assume a premise that one is trying to prove. Given this proposition on the part of a proponent of evolution, one might respond, "You have simply assumed what you are trying to prove. This is arbitrary. Do you have a reason for your position?"
- **Law of Non-contradiction** - Any contradiction is false. One cannot say that the cow is in the barn and the pasture at the same time. This typically occurs when secularists share their worldview since in doing so they also borrow from God's logic, orderliness and uniformity in nature or morality to prove a point. God laws are abstract, universal, invariant and non-contradictory, unlike the philosophies of man.
- **Circular Reasoning** – This paradigm is simply a dead end demanding blind faith, but offering no real proof, e.g., evolution is true because evolution is a fact. In this it is being said that A equals B because B equals A. In such a case, one could simply reply, "We cannot merely assume what we are trying to prove. This is arbitrary. Do you have a reason for your conclusion?" For Christians, it is claimed that the Bible must be true because it is the Word of God. Although a true statement because the evidence supports the claim, in and of itself, it does represent circular reasoning. To this Martin Luther would respond offering the proof not only of Scripture, but also of the existence of the world and our conscience. Dr. Jason Lisle would respond with "the absolute proof of creation," namely the existence of logic, the uniformity of nature and morality all supporting the Christian perspective in contrast to the total inconsistencies of alternative world views.
- **Appeal to an Expert** – This brings us to Newton's third principal, namely for every expert, there is an equal and opposite expert.
- **Informal Logical Fallacies**
 - **Fallacies of Ambiguity** – These arguments are faulty because the word or phrase used is unclear or has more than one meaning. One of the most common examples is to use the word "evolution" which can mean that all life descended from a common ancestor or simply to use it to mean change, e.g., "Creationists do not believe in evolution, but we see evolution happening every day."
 - **Fallacies of Presumption** – In this argument information is being used that is not correct. One example is to say, "Either you live by faith, or you are a rational thinker." A rational person lives by faith when normal events are "taken for granted" rather than becoming a source of ongoing fear.
 - **Fallacies of Relevance** – This argument offers a conclusion that is not relevant to its premise. One example is that the information being used comes from the "Inquirer," so it must not be true.
- **Straw Man Fallacy** - This fallacy involves distorting an opponent's position and refuting that misrepresentation rather than what one's opponent actually claims, e.g., it may be claimed that, "Creationists don't believe in science." Of course, creationists do believe in science, but not the distortions of science that typically fall into the range of "historical science" as proposed by proponents of evolution.

- **Enthymemes** – An enthymeme involves an argument in which one premise is not explicitly stated. This can be corrected by supplying the missing premise. Enthymemes are often used by evolutionists in supporting a premise. An example offered by Dr. Lisle is as follows: “There cannot be proof of God’s existence. After all, there are many atheists in the world today.” By supplying the missing premise we end up with the syllogism: 1) If there was a proof of God’s existence, then there would not be any atheists. 2) There are atheists. 3) Therefore, there is no proof for God’s existence. The argument is unsound because the first premise is false. Just because there is proof of something doesn’t mean that everyone accepts it.

CHALLENGING THE SECULAR WORLDVIEW

- **Evidential Arguments** - Do not engage these arguments for evidence since these often result in a standoff.
- **Don’t Answer, Answer Strategy** - Use this strategy as described in Proverbs 26:4 Do not answer a fool according to his folly, lest you also be like him. In other words, do not accept a secularist’s irrational perspective as a point of departure for a discussion or debate, but challenge it from a logical and biblical perspective.
- **Inconsistencies** - Look for inconsistencies in the secular worldview. Proponents of evolution have no justification for the principles of logic, orderliness and uniformity in nature, morality or science. In short, evolutionists constantly borrow from a biblical world view to support their indefensible evolutionary perspective.
- **Reflective Approach** - Reflect the reasoning of a proponent of evolution back to him, e.g., “I don’t accept your viewpoint since _____.” In doing so, you are explaining the error in his thinking. Show that accepting the proposition would lead to absurdity and irrationality. The argument of a secularist is not defensible since he has to borrow from the Christian’s worldview to support his worldly philosophy.

MANAGING BOTH EVIDENCE AND PROOF

In summary, the Bible provides proof for itself in the laws of logic as a standard for reason, orderliness, regularity and uniformity in nature, science, morality, reliability of our senses and memory. Hence, Scripture provides the one philosophy that makes all knowledge possible. Rejecting the Bible as the Word of God reduces one to foolishness. As Proverbs 1:7 states, “The fear of the Lord is the beginning of knowledge, but fools despise wisdom and instruction.”

Conversely, man does not act rationally in resolving world view disputes. This secular position asserts that man can come up with correct conclusions about evidence without the presupposition of Scripture. Evidence can be used to convince people of a particular point if they already have a valid world view, but having a faulty worldview, there is no guarantee that they will accept the truth of Scripture. The story of the rich man and Lazarus is an example of Jesus using the evidence first approach, for as clarified in Luke 16:19-23 states that even if Lazarus rose from the dead, his brothers would not repent. Therefore, the “evidence first” approach is not the foundation of apologetics although it is frequently used in conjunction with Scripture. Ultimately, God calls us to give a defense of the truth that Jesus Christ is our Savior and works faith through the Holy Spirit. Even Paul

received three responses to his preaching, some mocked him, others wanted to hear more, and some accepted Christ as their Savior (Acts 17:32).

THE LOGIC OF RICHARD DAWKINS

- In *The God Delusion* (2008) Dawkins, a militant atheist, spent considerable time and effort ranting against a god who he claims does not exist. While demonstrating his naïve understanding of the Scriptures, his objective to demean those who maintain a belief in God is typical of those who resort to a non-evidential/emotional approach. Here, we see a biologist wallowing in the field of philosophy “as an apparent lost soul,” seeking to gain followers. Dawkins’ main argument is based on design, which only becomes more ridiculous with his continuing explanation. From his perspective and that of proponents of evolution, design occurs as a chance event. So based on his explanation, the language of DNA, a language obviously requiring intelligence, was probably seeded to Earth by aliens for whom there is no proof. The question then is who created the aliens. Of course, that is not a problem if one believes in the spontaneous generation of aliens. But this progresses well beyond the point of ridiculous the more one examines the problem. Having no proof for aliens seeding life on Earth, Dawkins’ primary premise in *The God Delusion* is that there must be no god, because that is so improbable. Science shows that matter is neither self-existent nor spontaneously coming into existence, that non-life cannot create life and that DNA is a language and language requires intelligence. Dawkins’ point of view is most assuredly a religious or philosophical belief system and not science. Christians look to Scripture for truth, not another man-made system of philosophy based on the limited reasoning powers of man.
- Epistemology is a branch of philosophy, not science, dealing with how knowledge is defined, what we know, and how we know it. Dawkins’ recent book, *The Magic of Reality: How We Know What’s Really True* (2012), is another adventure into philosophy. His premise is that all knowledge concerning reality comes through the five senses. Concerning logic, there is the issue of self-refutation, e.g., a bird cannot both fly and not fly at the same time. Being opposites, the concept is false. The question here is whether the basis of all knowledge is via the five senses or is not. This claim cannot be justified through a sensory experience. If Dawkins is right, he is wrong and if he is wrong, he is still wrong. His initial premise of all knowledge coming through the five senses is clearly self-refuting.
- The true basis of Dawkins’ philosophy is naturalism and leads to his undying support for natural selection as a mechanism for molecules-to-man evolution. If one takes such a position, Ken Ham would ask the question, “Were you there?” So what is the point? Evolution is based on historical science, making assumptions about the past based on what we see today. This is particularly true when dealing with matters relative to deep time or the Earth being “millions of years” old. Of course, we have no valid method to determine if conditions today are the same as they were in the past. Furthermore, the rigidity of this logic predestines one to view evidence only from the perspective of supporting one’s basic belief in naturalism. Simply stated, such a viewpoint is not science, it is a religious belief.

GOD'S TRUTH VS. MAN'S REASONING

THE GOD OF SCRIPTURE

The universe and all that is therein is God's creation.

- Creator of Matter (Energy), Space and Time – Genesis 1:1-3, "In the beginning God created the heavens and the Earth. ...And God said, 'Let there be light, and there was light.' ...And there was evening and there was morning, the first day."
- Creator of Order – Order is integral within the universe, e.g., the seasons and the motion of the heavenly bodies. Genesis 1:14, "And God said, 'Let there be lights in the vault of the sky to separate the day from the night, and let them serve as signs to mark sacred times, and days and years.'"
- God, the Preserver – Psalm 36:6, "Your righteousness is like the highest mountains, your judgments are like the great deep; You, Lord, Preserve both people and animals." Hebrews 1:3 "...sustaining all things by his powerful word."
- God, Determiner of Morality – God placed his moral law in the mind of man, namely man's conscience. Isaiah 30:21 – Whether you turn to the right or to the left, your ears will hear a voice behind you saying, "This is the way, walk in it." Romans 2:15 They show that the requirements of the law are written on their hearts, their consciences also bearing witness, and their thoughts sometimes accusing them and at other times even defending them."
- God, Creator of Logic – Logic is based on the nature of the Creator-God, logic being a reflection of the Mind of God as revealed in Scripture. Man, created in the image of God, has the capacity for logical thought, limited as it is.¹¹
- God and Mathematics – Genesis carefully distinguishes between God, the Creator, and man, the creature. Therefore, God is the originator of mathematical truth, while man is the recipient of God's creative acts.¹²
- God and Science – God's order in the universe and nature, logic and math make science possible. Although the Bible is not a science book, it is scientifically accurate, unlike any other ancient book of knowledge or wisdom.

PHILOSOPHY

Philosophy is a study of fundamental problems such as reality, existence, knowledge, values, reason, mind and language. The word philosophy, originally ascribed to Pythagoras, is derived from the Greek and literally means "love of wisdom." It deals with questions that cannot be answered by observation or experiment and are therefore matters relating to philosophy depending on faith.

- Christianity is based on the teaching of the Bible.
- World Religions – Islam, Hinduism, Buddhism, etc. denote a variety of philosophies.
- Materialism – A philosophy which states that nothing exists except matter, its movements and modifications.
- Naturalism – A philosophy that espouses that only the forces of nature operate in the world in opposition to supernatural laws or forces.
- Empiricism – It claims that all knowledge is derived from sensory experience.

- Metaphysics focuses on the first principle of things including abstract concepts such as substance, cause, identity and space. Among other areas, metaphysics includes cosmology, the science of the origin and ontology which deals with the nature of being, becoming and existence.

PHILOSOPHY PREEMPTS SCIENCE

Science is based on certain philosophical assumptions and assumes their truthfulness. Propositions are abstract, immaterial, universals and are not sense-perceptible. Sensory experiences will never be able to serve as the justification for these beliefs. The following are prepositions:

- Existence of an external world.
- Order in nature.
- Existence of truth.
- Laws of logic.
- Reliability of man's cognitive and sensory faculties in the gathering of truth such as found in recorded history.
- Existence of values indicative of truth in conducting science.
- Adequacy of language in describing the world.
- Uniformity of nature and induction.
- Existence of numbers and mathematical truths.¹³

SCIENCE

True science is to acquire knowledge via observation and experiment.

- Experimental Science - This relates to the scientific method of testing a hypothesis by means of a controlled study.
- Observational Science – This is a type of experimental science, often used in astronomy, based on seeing and watching rather than manipulating or applying laws and principles.
- Historical science – This division of science deals with past events for which there is typically no direct experimental data, e.g., cosmology, astronomy, astrophysics, geology, paleontology and archaeology. Of course, some proponents of evolution consider historical science to be true science; conversely, when a creationist invokes of historical science, their proposition would be clearly rejected.
- Theoretical Science – This refers to the use of logic in the process of creating scientific laws.
- Secular Science – This perspective combines true science with the secular philosophies of origins. Many sciences can be described as secular science including biology, Earth science, geology, astronomy, etc. For example, with biology, the philosophies of materialism and naturalism are typically used to support the theory of both the evolution of the universe and of man. It is disingenuous to describe science as a fact when it is intertwined with philosophy; however, it is a standard practice used by secularists to disregard any evidence contrary to the theory of evolution.

RESOURCES

MATERIALS FOR PURCHASE AND MUCH MORE

Answers in Genesis PO Box 510 Hebron, Kentucky 41048 (859) 727-2222 http://www.answersinGenesis.org/ Extensive offerings in books and DVDs Creation Museum in Petersburg, Kentucky Speaker's bureau A course in Creation Apologetics (APO 101) Sunday school curriculum Homeschool science curriculum	Creation Ministries International PO Box 350 Power Springs, Georgia 30127 (800) 616-1264 http://creation.com/ "Facts and Acts" – free monthly publication New Leaf Publishing Group, Inc. Master Books 3142 Hwy. 103 N. Green Forest, AR 72638 Explorationfilms.com 870/438-5288
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RESEARCH AS A PRIMARY FUNCTION

Apologetic Press 230 Landmark Drive Montgomery, AL 36117 (334)272-8558 http://www.creationresearch.org	Creation Research Society 6801 N. Highway 89 Chino Valley, AZ 86323 (928) 636-1153
Institute for Creation Research PO Box 59029 Dallas, TX 75229 (800) 337-0375 http://www.icr.org	Logos Research Associates 3232 W. McArthur Blvd. Santa Ana, CA 92704 (714) 425-9474 http://logosresearchassociates.org

CREATIONIST MAGAZINES

Answers (AiG) - Upper elementary to adult.
Acts and Facts (ICR) – Free publication – Upper elementary to adult
Creation Magazine (CMI) – Upper elementary

CREATIONIST WEBSITES

Apologetics Press Darwin Refuted
Creation Moments Genesis Park

INTERNET YOUTUBE/DVDS

In an effort to disseminate their materials, it is common for an organization such as Answers in Genesis to place copies of the DVD's they sell on the internet as You Tubes, this also being true of some of their book materials.

AN EXCELLENT PAMPHLET

(Answers in Genesis)

"10 Basics Every Creationist Must Know"

- | | |
|--------------------------------|----------------------|
| • Creation in Six Literal Days | Distant Starlight |
| • Radiometric Dating | Dinosaurs on the Ark |
| • Variety Within Created Kinds | One Race |
| • Uniqueness of Man | Suffering & Death |
| • Global Flood | The Gospel |

POWERFUL AUDIOVISUAL RESOURCES

DVDs

Evolution vs. God DVD or Evolution vs. God on the internet. – This 38 minute powerful, stinging and thought provoking interview contrasts Christianity & evolution and is offered by Ray Comfort of Living Waters Publications.*

The Ultimate Proof of Creation YOUTUBE or the book, *The Ultimate Proof of Creation*. Dr. Jason Lisle offers a 49 minute lecture dealing with refuting the world views of secularists.

Movies

An Act of Faith, Evolution's Achilles' Heels
God is Alive

YouTube

Students defend Christianity against atheistic college class.

CREATIONIST ORGANIZATION WITHIN CUS (Concordia University System)

Society of Creation – www.societyofcreation.org

Contact: Joel D. Heck – HeckYes@aol.com (Preferred)

Telephone: 512/751-9701

WHEN CONDUCTING RESEARCH

Conducting personal research on the internet or having students do the same, finding a specific topic on YouTube is a rather simple task. First type your topic along with the term creation or creationism (Genesis Flood creationism) and also YouTube if one is searching for a YouTube. The AiG and ICR sites are excellent. Be aware of the existence of Old Earth creationist sites which proclaim the molecules-to-man evolutionary scheme such as Old Earth Ministries, Evidence of God, Solid Rock Lectures, BioLogos, etc. When in doubt about an organization's position, review their statement of beliefs. Look particularly at their definition of a day as used in Genesis 1. From a young Earth perspective, a day is defined specifically as 24 hours with God creating the universe and all therein in six 24-hour days.

NOTES – CHAPTER 2

Regularly used sources: Answers in Genesis; Bible; Institute for Creation Research.

1. Allister McGrath, *Mere Apologetics: How To Help Seekers & Skeptics Find Faith*, (Grand Rapid, MI: Baker Books, 2012).
2. Ken Ham, *The Lie*, (El Cajon, CA: Master Books, 1984).
3. Alfred Koehler, *A summary of Christian Doctrine*, (Oakland, CA: 1951), 23-28.
4. Nathaniel Jeanson, "BioOrigins Project Update Purpose, Progress and Promise Part 2," *Acts and Facts* (November, 2014): 9.
5. Ken Ham, *The Lie*, (El Cajon, CA: Master Books, 1984).
6. Barbara Meister Vitale, *Unicorns are Real*, (Jamar Publication: Duluth, MN, 1981).
7. Tim LaHaye, *Spirit Controlled Temperament*, (Carol Stream, IL: Tyndale House Publisher, Inc., 1974).
8. Tim LaHaye, *Transforming Your Temperament*, (Nashville, TN: Thomas Nelson, 1991).
9. Beverly LaHaye, *How to Develop Your Child's Temperament*, (Eugene, OR: Harvest House Publishers, 1977).
10. Charles Boyd, *Different Children, Different Needs*, (Sisters, OR: Multnomah Press, 1994).
11. Faith Defenders, "Earnestly contend for the faith," http://www.faithdefenders.com/articles/apologetics/logic_and_bible_ap.html.
12. Vern Poythress, "Creation and Mathematics; or What Does God Have to do with the Numbers? <http://www.frame-poythress.org/creation-and-mathematics-or-what-does-god-have-to-do-with-the-numbers/>.
13. Aaron Brake, "Richard Dawkins: The Untutored Philosopher," <http://pleaseconvinceme.com/2013/richard-dawkins-the-untutored-philosopher/>.

Chapter 3

CREATION vs. EVOLUTION

Genesis 1:1-2 "In the beginning God created the heavens and the Earth. The Earth was without form and void, and darkness was over the face of the deep. And the Spirit of God was hovering over the face of the waters." (Creation)

John 1:1-5 "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 were made through him and, and without him was not any thing made that was made. In him was life, and the life was the light of men. The light shines in the darkness, and the darkness has not overcome it." (Creation & Gospel)

Isaiah 51:6 "Lift up your eyes to the heavens, and look at the Earth beneath, for the heavens vanish like smoke, the Earth will wear out like a garment, and they who dwell in it will die in like manner; but my salvation will be forever, and my righteousness will never be dismayed." (entropy)

Colossians 2:8 – "See to it that no one takes you captive by philosophy and empty deceit, according to human tradition, according to the elemental spirits of the world, and not according to Christ."

II Thessalonians 2:8-11 – "And then the lawless one will be revealed, whom the Lord Jesus will kill with the breath of his mouth and bring to nothing by the appearance of his coming. The coming of the lawless one is by the activity of Satan with all power and false signs and wonders, and with all wicked deception for those who are perishing, because they refused to love the truth and so be saved. Therefore God sends them a strong delusion, so that they may believe what is false, in order that all may be condemned who did not believe the truth but had pleasure in unrighteousness."

THE BIG IDEA

**GOD CREATED THE HEAVENS AND THE EARTH
AND ALL THEREIN IN SIX 24-HOUR DAYS.**

SCRIPTURE

HOW DO YOU KNOW THERE IS A GOD?

- **From Scripture** – Secularists first tactic is to attack Scripture in order to deny the existence of the supernatural and the veracity of miracles. The next step is to claim that the universe came into existence solely by the forces of nature (naturalism). Once the omnipotent God has been replaced by man's reason, his conscience is also deadened and morality is smothered. Romans 1:25, "...because they exchanged the truth about God for a lie and worshipped and served the creature more than the Creator, who is blessed forever! Amen."
- **From the Existence of the World** – The existence of the universe and man, the crown of God's creatures, cannot rationally be considered to be an accident/chance event as the theory of evolution attempts to suggest. Psalms 19:1, "The heavens declare the glory of God, and the sky above proclaims his handiwork."
- **From the Testimony of the Conscience** – I Timothy 1:5 "The aim of our charge is love that issues from a pure heart and a good conscience and a sincere faith." Contrast this with Judges 21:25, "In those days, there was no king in Israel: Everyone did what was right in his own eyes."¹

THE GENESIS CREATION

- **Genesis 1:1** – In the beginning, the triune God created the heavens and the Earth, namely space, matter (energy) and time. The Hebrew word for "create" means to make out of nothing, clearly requiring a God or supernatural event. Evolutionists, being naturalists, point to matter being present in the origin of the big bang. This is not logical and conflicts with the laws of science. Man has no way of explaining that matter was pre-existent or spontaneously came into existence.
- **Genesis 1:4** – "And God saw that the light was good." The word "good" here means God's creation was perfect in every way.
- **Genesis 1:5** – "And there was evening and there was morning, the first day." The theory of evolution requires "millions of years," a view some Christians support based on their theistic evolutionary perspective. The phrase "the first day" designated the time span of 24 hours. The use of "evening and morning" adds emphasis to the 24-hour designation. Furthermore, other Hebrew words could have been chosen if longer periods of time were involved. The term of "millions of years" is used by secularists to replace the God of Scripture with man's philosophy of naturalism.
- **Genesis 1:24**, "And God said, 'Let the Earth bring forth the living creatures according to their kinds – livestock and creeping things and beasts of the Earth according to their kinds.'" God fixed "kinds" in the animal kingdom. Therefore, from a scriptural perspective, amoeba-to-man evolution is not possible and furthermore, it has never been observed. The truth is that dogs only produce dogs.
- **Genesis 1:27**, "So God created man in His own image, in the image of God he created him; male and female, he created them." Man was created in the image of God without sin. Although man fell away from God, Christ's redemptive work of dying

on the cross paid the debt of our sin and will again return mankind to a state of perfection in the heavenly home God prepared.

THE CHANGING STATUS OF GOD'S CREATION

- **Genesis 3:11**, - "He said, 'Who told you that you were naked? Have you eaten of the tree of which I commanded you not to eat?'" - God created man with a free will. God loved man and only wanted love, respect and praise in return. Man violated God's command not to eat of the tree in the middle of the garden. Man's sin separated mankind from God and Adam's original sin was passed on to all generations.
- **Genesis 3:14-15**, "The Lord God said to the serpent, '...I will put enmity between thee and the woman, and between your offspring and her offspring, he shall bruise your head, and you shall bruise his heel.'" God placed a separation between the devil and man, namely Jesus Christ. His redemptive act cleansed man of his sin and insured that believers in Christ could live with God eternally in heaven.
- **Genesis 3:17-19**, "And to Adam he said ...'Cursed is the ground because of you. ...Thorns also and thistles it shall bring forth for you; ...By the sweat of your brow you shall eat bread, till you return to the ground for out of it you were taken; for you are dust, and to dust you shall return.'" - The state of man was completely changed by his sin. Man's life would be thereafter be one of toil and man would experience suffering, disease and death. The Earth would also be in a disordered state characterized by deterioration.

WHAT IS THE GENRE OF GENESIS

Some would question whether the Genesis text, namely Genesis 1:1 through 2:3, was written as an allegory, poetry or narrative. Dr. Stephen Boyd, a professor of Old Testament and Semitic Language at Master's College in Santa Clarita, California, conducted research regarding the genre of the Hebrew Bible and concluded that the statistical probability of the Genesis text being narrative was at the 99+ level, given a 99.5% level of confidence. Therefore, it is indefensible to argue that this Genesis text is poetry.²

Hebrew scholar, Dr. Robert McCabe, also took up a study of Genesis 1:1 through 2:3 by studying the grammar of the original Hebrew text. He explained that if it were poetry, poetic parallelism would be the dominant feature.³ Pointing to the creation hymn in Psalm 104, one line expresses an idea and the second expresses practically the same idea in different words, augments it, or states the opposite. For example in verse 10 "You make springs gush forth in the valleys; they flow between the hills." Dr. McCabe pointed out that the "waw" consecutive, a device that moves the narrative forward, is found an average of 42 times per chapter in Genesis. While there are 55 "waw" consecutives in Genesis 1:1 through 2:3, there is an absence of poetic parallelism. He also indicated that a figurative understanding of the creation days creates more exegetical and theological problems than it solves. Such a view is therefore difficult to defend when viewed from the perspective of Scripture's comprehensive message about the nature of the creation week. McCabe stated that an allegorical interpretation of the creation story, relegating literal creationism to a peripheral doctrinal level, trivializes other orthodox doctrines. In

summary, serious research supports the creation account as a narrative account of creation.⁴

NON-BIBLICAL EARTH APPROACHES TO CREATION

- **Pantheism** – This is a belief that the universe/nature is identical with god, namely that god is not a distinct person. Baruch Spinoza popularized this viewpoint in the West during the 17th century.
- **Deism** – This system of belief rejects religious knowledge as a source of authority stating that reason and observation of nature determine the existence of a creator. Therefore, the supernatural, organized religion, and god intervening in nature are rejected. Deism became popular among intellectuals during the Age of Enlightenment and among Christians who believed in one god, but rejected the Trinity, biblical inerrancy, and a supernatural god. Prominent deists of the American Revolution included Benjamin Franklin, George Washington, James Madison, Thomas Jefferson and Thomas Paine.
- **Theistic Evolution** – The creation of the universe by God was offered as a real event after which molecules-to-man evolution took place. Theistic evolution involves a range of views holding the perspective that religious teachings about creation and theories of evolution need not be contradictory.
- **Intelligent Design (ID)** - This is a view of origins that opposes naturalism by suggesting that the universe and living things are best explained by an intelligent cause, but proposes that the supernatural does not exist.⁵
- **Gap Theory** – This is a type of Old Earth Creationism purports that the six-days of creation were 24-hour days with a gap of “millions of years” between the first and second day. Gap creationism was popularized by Thomas Chalmers, founder of the Free Church of Scotland, and became popular at the end of the 18th century due to the merging of naturalism and geology.
- **Day-Age Creationism** – This form of Old Earth Creationism proposes that the six days of creation are each comprised of long periods of time, e.g., “millions of years.” The Old Earth view can be traced back to Augustine in the 5th century who suggested that the “days” of Genesis could not be literal days.
- **Progressive Creationism** – This is the belief that over “millions of years” god gradually created new forms of life. It accepts the big bang and states that creation occurs through divine intervention involving rapid bursts in the development of animal and plant “kinds” followed by a period of stasis or equilibrium. Progressive Creationism attempts to explain away the lack of transitional fossils within the rock record.
- **Cosmic Temple View** – This perspective proposes an allegorical meaning for Genesis and disregards the specific events.

THEISTIC EVOLUTION AND CHURCHES IN AMERICA

The religious groups adhering to a literal interpretation of Genesis, based on God creating the heavens and Earth and all therein in six literal days include the Lutheran Church Missouri Synod, Wisconsin Evangelical Lutheran Synod and the Southern Baptist Convention. Other mainline Christian churches profess theistic evolutionism, the philosophy that God created the material universe and that biological evolution was the natural process God used to generate life on the Earth. This view is generally accepted by

the Catholic, Episcopal, Method, Presbyterian, Congregational, Unitarian, the Evangelical Lutheran Church in America, United Church of Christ, other mainline Protestant denominations including virtually all Jewish and Muslim denominations with the exception of the most orthodox church groups. Additionally, various well-known Bible preachers have also accepted theistic evolution is being true, e.g., B. B. Warfield, Billy Graham and Pat Robertson.

Billy Graham serves as a case study in theistic evolution. He was born in 1918 and grew up on a farm near Charlotte, North Carolina. His roots were Presbyterian. Graham attended Wheaton, a Methodist (Wesleyan) College in the Chicago area in 1943, and studied anthropology. He claimed to accept the doctrine of verbal inspiration, but said, *"I don't think that there's any conflict at all between science today and the Scriptures. I believe that God did create the universe. I believe that God created man, and whether it came by an evolutionary process ...does not change the fact that God did create man."* The fact is that true science does not support such a naïve point of view as will be documented in this resource.

Although the Gallup Poll of June 2012 reports that 46% of Americans believe in the literal creation of man 10,000 years ago, only 11% openly reject evolution. Even before Darwin, many Christian writers believed in an allegorical interpretation of Genesis; these included St. Augustine (354-430), John Calvin (1509-1564) and John Wesley (1703-1791). Pope Leo XIII, following St. Augustine's lead, affirmed the Catholic rule for interpreting Sacred Scripture, namely "not to depart from the literal and obvious sense, except only where reason makes it untenable or necessity requires."

EVIDENCES

TRUE SCIENCE DOES NOT SUPPORT EVOLUTION

True science and religion are devoted to upholding truth. Listed below are some scientific facts contrary to evolution that are understandable to elementary school students.

- Matter does not spontaneously come into existence nor is it self-existent as is required in the big bang. See the physics section of this chapter, i.e., big bang theory -1st Law of Thermodynamics.
- Disorder does not create order; chance events are not responsible for creating design. See the physics section of this chapter, entropy - 2nd Law of Thermodynamics.
- Non-life does not create life. See the biology section of this chapter, Life from Non-life.
- DNA, the blueprint of life, is a language. A language demands intelligence and cannot occur by chance/random events as evolution would demand. Of course, with evidence of this magnitude, a secularist will claim that life was brought to the Earth by aliens or some similar extra-terrestrial force as did the Greek philosophers. See the biology section of this chapter, DNA.⁶
- Design requires a designer, namely a Creator God. The theory of evolution rejects this position and postulates that chance, time and natural forces produced the universe. See the biology section of this chapter, Intelligent Design.
- Molecular machines within the cells of our body do not operate until they are fully assembled (irreducible complexity). Even when assembled, cellular machines can only work effectively when fully developed. Given a level of partial development (minimal

function), realistic operation is not possible. See the biology section of this chapter, Molecular Machines).

- The fossil record provides clear evidence for the Genesis Flood, not evolution. The expected transitional fossils are absent in the fossil record and the Cambrian explosion defies explanation from an evolutionary perspective. See the biology section of this chapter, Fossil Record.
- Natural selection coupled with mutations, essentially the neo-Darwinian perspective of evolution, is not possible from a scientific perspective. Natural selection only works on genetic factors already present within a species and mutations are either neutral or harmful. See the biology section of this chapter, Natural Selection and Mutations via Fruit Fly Experiments.

ASTRONOMY

- **Our Sun, Not a Common Star** - The sun's specific qualities: composition, location in the galaxy, radiation, mass, orbit, and rotation all are perfectly designed to sustain life on the planet Earth.
- **Earth's Position in the Solar System** - The region around a star where water can exist is a very narrow zone called the Circumstellar Habitable Zone (CHZ). Outside of this zone water will either boil off or freeze and therefore life will be non-existent.
- **Earth's Mass** - The mass of the Earth supports life by retaining an atmosphere that protects life from cosmic radiation. The atmosphere maintains an optimal level of oxygen and a temperature appropriate for life. The Earth's mass also functions in partially accounting for gravity on the Earth.
- **The Moon effect** - The moon stabilizes the tilt of the Earth and causes the tides. Ocean tides flush nutrients from continents and assist the large-scale ocean circulation necessary to warm the higher latitudes of the Earth.
- **Jupiter** - Jupiter shields the Earth from the likelihood of the impact of comets on the face of the Earth.

ASSUMPTIONS OF BIOLOGICAL EVOLUTION

- "Given enough time, anything can happen."
- An organism evolved from its ancestors by chance over "millions of years."
- An organism lived successfully for a period of time and then became extinct while its offspring evolved with more effective ways of survival.

BIOLOGY

- **DNA (Deoxyribonucleic Acid)**
 - DNA is the language and blueprint of life. Languages always require the basis of intelligence.
 - The mainstay of evolution, chance/random events, does not and cannot produce language or information.
 - The human body has about 100 trillion cells and each cell has six inches of DNA. The DNA in a human body, if placed end to end, would reach back and forth from the Earth to the sun over 600 times.

- DNA self-replicates using the cellular machinery composed of proteins. The movement of proteins within a cell occurs by molecular motors and cellular busses.
- Pre-eminent evolutionary biologists, Dr. Francis Crick and Dr. Richard Dawkins, recognizing the incredible complexity of DNA, claimed that life was seeded on Earth by aliens with higher intelligence, thus replacing God as the Creator.
- **Shark DNA Does Not Support Fish Evolution**
The theory of evolution would lead us to believe that 450 million years ago sharks, having a cartilaginous skeletal system, evolved into fish having a bony skeleton. Researchers have found that hundreds of protein-coding genes in elephant sharks are also found within land mammals, but not in fish. This finding is simply contradictory to the theory of evolution which claims sharks evolved into fish before fish evolved into land mammals. Additionally, elephant sharks have unique genes not found in any other animal, further confirming the lack of relationship between sharks and fish.
- **Fossil Record – The Graveyard of the Genesis Flood**
 - **Transitional Fossils**
Evolution demands that there is a gradual succession of animals between the single-celled animals and man. The intermediate animals of this process are called transitional species. They absolutely must have to be incredibly plentiful in the fossil record if evolution has actually occurred. Darwin predicted that the fossil record would show numerous transitional fossils; however, even now there are only a handful of highly disputed examples. The renowned evolutionist and Marxist Stephen Jay Gould wrote: "The absence of fossil evidence for intermediary stages between major transitions in organic design, indeed our inability, even in our imagination, to construct functional intermediates in many cases, has been a persistent and nagging problem for gradualist accounts of evolution."
 - **Cambrian Explosion**
If indeed evolution is a process of gradual stepwise development of the animal kingdom, the fossil record must document that fact. However, the opposite is the case. Large numbers of highly complex animals and plants suddenly appear within the fossil record with no signs of development from lower to higher forms. Of course, this is the expected result of the global Genesis Flood. In this regard, evolutionists report that there are 1.5 billion years of missing geological strata in the fossil record. Another case illustrating the dilemma of evolutionists is the trilobite. It was one of the arthropods found in the Cambrian strata. An unexplainable feature of this creature for evolutionists is its exceedingly complex visual system for a relatively primitive organism.
 - **A Proposed Transitional Fossil**
The *archaeopteryx* is a unique creature with some characteristics shared with birds and some with reptiles. Of course, one of the most defining characteristic of birds is feathers. They are extremely complex structures and the *archaeopteryx*'s feathers are not a halfway transition between scales and feathers, but real feathers. Consequently, there is no reason to consider this creature to be a transitional form. Incidentally, it should also be noted that full-fledged crow-sized bird fossils have been found in strata believed by evolutionists to be 75 million

years older than Archaeopteryx and older than the oldest fossil dinosaur, making the "transitional" nature of the Archaeopteryx indefensible.⁷

- **Intelligent Design (ID)** William Paley (1743-1805) used a watch as an example of intelligent design, noting that a complex product does not occur by chance but is the obvious result of a designer. Intelligent design holds that certain features of the universe and of living things are best explained by an intelligent cause and not by a random or chance process such as natural selection. Secularists oppose ID since it conflicts with their belief system. Additionally, the acceptance of ID would open the door to creationism which they find totally unacceptable. In 2004, the school board of Dover, Pennsylvania, voted to require the teaching of ID alongside evolution in science classrooms. Challenged in the U.S. District Court in 2005, Judge John Jones wrote, "We have concluded that it is not science, and moreover that ID cannot uncouple itself from its creationist and thus religious, antecedents." It is interesting that intelligent individuals actually believe that the philosophical position of evolution, being mere conjecture, is science.
- **Non-Life** – Stanley Miller's 1953 experiment was intended to demonstrate that the building blocks of life, namely amino acids from which proteins are made, emerge from non-life as a chance event. He used a gas mixture which he believed mirrored the atmosphere that existed in the primordial Earth's atmosphere. This concoction consisted of ammonia, methane, hydrogen, and water vapor. Since it was necessary to add an energy source to start a reaction, Miller used electricity, assuming that the original energy source could have been lightning. The foremost reasons why the experiment is invalid are as follows.⁸
 - Without intervention in the experiment (cold trapping), the amino acids formed would immediately have been destroyed by oxygen.
 - Scientists later agreed that the environment Miller used was inconsistent with what was assumed to be primordial Earth's atmosphere. They believed that nitrogen and carbon dioxide should have been used instead.
 - Organic acids had also been formed during the experiment and would have destroyed or transformed the amino acids into different compounds.

Amino acids are the basic building blocks used to make proteins and are the core components of living organisms. There are twenty different amino acids that can be linked together to form short chains called peptides. These are then joined and folded to form proteins. Proteins are incapable of assembling themselves without the assistance of DNA, which is the blueprint and code of life.

The mathematical probability of a single protein consisting of a sequence of 100 amino acids arranging independently in the proper sequence is zero. Even with the formation of a 100 amino acid chain per second, there would not be enough time in the proposed evolutionary history of the universe for this spontaneous formation to produce a functional protein.⁹

To demonstrate this problem, one could throw two decks of cards into the air, each card representing one of 100 amino acids within a protein. Keep in mind that there are 20 different amino acids. There is no way for chance to place the cards in the exact sequence for a small functional protein. An additional dilemma is that the average protein consists of a sequence of at least 300 amino acids.

In conclusion, the Miller experiment used an acidic mixture which destroyed and oxidized the useful molecules it produced. Today, Miller's experiment is regarded as flawed even by evolutionary scientists. The truth is that a cell is more complex than New York City. It contains at least a thousand different kinds of proteins, other highly complex molecules and additional complex structures. And this doesn't even take into account the DNA and its messenger RNA, also found in a cell. Louis Pasteur (1822-95) stated that life cannot be spontaneously made from non-life. When evolutionists face the impossible, they ignore, philosophize or create rescue devices. Making life from non-life has never been done before, cannot be done now and will not occur in the future.¹⁰

- **Attempts in Creating Progressive Mutations**

- The simple genetic structure of fruit flies offers a prime testing ground in evaluating the possibility of evolution.
- For over 100 years evolutionists have been experimenting with fruit flies using radiation, chemicals and genetic engineering in attempting to generate new and useful genetic information. Experiments have resulted in defects in the flies such as eyelessness, legs growing from their heads, extra wings, useless or twisted wings; however, no beneficial mutations have been produced. Moreover, the fruit flies die when genetic changes go beyond the limits the organism can tolerate.¹¹
- Such experiments cannot be considered natural, since they occur by the deliberate, intelligence-driven acts of man.
- Theodosius Dobzhansky's experiments with fruit flies, involving mutations with over 600 generations of fruit flies, resulted in no increase in genetic information.
- Evolution requires progressive change, an increase in both quantity and quality of genetic information. Fruit fly experiments have been unsuccessful in this regard.
- Fruit fly experiments prove that fruit flies remain fruit flies as Scripture states; creatures reproduce "after their kind."
- John Sanford, inventor of the gene gun used in gene splicing, stated that one mutation in a million is actually beneficial to an organism, while the vast majority of mutations are either neutral or harmful.

Many mutations are produced by changes at specific positions in DNA; however, this does not represent new beneficial genetic information. It is not true that new adaptive traits can arise through loss of genetic information. Many mutations have disadvantageous effects as in the cases of the Down's and Asperger's syndromes. The theory of evolution maintains that man's evolution began at least 2.4 million years ago. This would have resulted in 120,000 generations as contrasted to 200 generations offered within a biblical time frame. Research suggests that about 60 new mutations are added to each new generation with up to ten percent of these mutations being harmful, thus increasing disease and disorder in the human genome. Given the evolutionary time frame, 7,200,000 mutations would have been added, greatly exceeding the mutational tolerance of the genome. In contrast, the biblical time frame would have produced enough mutations to cause increasing diseases and disorders, but not enough to destroy the human race. Because of this genetic burden, Alexey Kondrashov, an evolutionary geneticist at the University of Michigan, quipped, "Why are we all not dead 100 times over?"¹²

In summary, the issue of mutations, like many other of the Achilles' heels of evolution, is very contentious. A majority of mutations are either neutral or harmful. Neutral mutations do not alter the reading of DNA code due to its redundancy. However, small changes in the DNA can cause major degenerative effects. Few if any beneficial mutations occur, although some mutations may be beneficial within restricted environments.¹³

- **The Simple Cell** – Deception, placing a false image in one's mind, is fundamental to the belief in evolution. The idea of a simple cell could not be further from the truth. The tiniest single cell bacterium, consisting of 100 billion atoms, is as complex as a city. The cell has a central memory bank and an elaborate communication system with its own repair mechanism capable of producing its own army to attack invaders. Within the cell there are thousands of "robot-like" machines, a master library, power plants and trash disposal centers.¹⁴
- **Molecular Machines** – Complex machines exist within cells. When one part of a machine is compromised, the cell does not effectively function (*minimal function*). However, if a part is not present, a machine cannot operate (*irreducibly complex*). The fact is that there is no legitimate explanation of how cells can develop within a chance/evolutionary context.

Michael J. Behe, a microbiologist, used a mouse trap to explain the concept of irreducible complexity. If one takes one part of the mouse trap away, it will not function. Additionally, if one part is compromised, minimal function will occur, again compromising its operation. Only God, not an evolutionary process, can design the complex machines found within cells.

- **Natural Selection** – Natural selection is characterized by relentless competition for survival within nature. Certain members in a species supposedly have genetic characteristics which improve their chances of survival. These surviving organisms allegedly pass on their genetic strengths to future generations. Small changes in structure are assumed to be only observable after many generations leading to the creation of a more advanced species. To support this viewpoint, evolutionists ignore or misrepresent the difference between micro- and macro-evolution, claiming that if micro-evolution or changes within a species occurs, this can be extrapolated beyond that species to the creation of another species; however, species can be defined as breeding boundaries between organisms.

The difficulty with natural selection is that as specific genes that support survival increase while less useful genes decrease, a loss of genetic information occurs which does not result in progressive development in a species. Additionally, the belief that random mutations provide positive genetic input is not rational in view of mutation studies.

A metaphor demonstrating the futility of natural selection is to show the pairing of gene alleles, one from each parent with one allele being favored by natural selection (an allele for long fur [L] in a cold environment) and one allele for short fur [s] within that environment. Given this pairing, the possible allele outcomes would be LL, Ls, Ls and ss. In the case of ss, genetic material would be lost since via natural selection the animal with short fur would not survive in the cold environment. Therefore, the conclusion is that with natural selection there is a net loss of genetic material which

could not possibly result in progressive development from species to species. (Colored bristle blocks could be used in this illustration.)¹⁵

CONSCIENCE

The Apostle Paul, as an adolescent, was under the tutorage of one of the greatest teachers of his time, Gamaliel. Consequently, Paul had an excellent understanding of the Old Testament Scriptures and the Law. Additionally, growing up in a Hellenistic (Greek) culture, he was exposed to the many of the philosophies of his time. His statement in Romans 2:15 deals with an understanding of the conscience of man, namely: "They show the work of the Law written in their hearts, while their conscience also bears witness, and their conflicting thoughts accuse and even excuse them." There is no explanation for the creation of a conscience from matter as would be required by a proponent of evolution. Of course, to many, morality is not an absolute, but is only occasionally and inconsistently evoked.

CONSCIOUSNESS

Materialism/Naturalism – Secular philosophies proposing that life spontaneously arose from matter have no basis in reality. Sensations, thoughts, emotions, desires, beliefs, and free will cannot emerge from matter. This is just another bit of nonsense that philosophers have debated for centuries.

PHYSICS

- **Big bang Theory** (Philosophical conjecture, not science.)
Hubble's Law – In 1929 Edwin Hubble discovered that the universe was expanding thus implying that it was once compressed. Using mathematical calculations, the universe was projected to have come into existence 14.7 billion years ago. In 1950 the term, big bang was credited to British astronomer Sir Fred Hoyle. If the universe was once very hot as suggested in the big bang, remnants of heat should be present. This phenomenon was discovered by radio astronomers, Penzias and Wilson in 1965 (Cosmic Microwave Background Radiation –CMBR). The preponderance of hydrogen and helium in the universe are thought to support the Big bang theory as the origin of the universe. Physicist Robert Gentry claimed the Big bang model is flawed and he preferred Einstein's paradigm, namely String Theory.¹⁶
- Regarding the question of whether there is a god, secularists suggest this is where science and theology meet. Describing philosophy as science is a common ploy used by secularists in dealing with evolution. In reviewing the preceding underlined items one sees the evidence of a lot of philosophy, not science.
- The big bang is just another model designed by an individual with an anti-Christian worldview which denies the existence of the Creator God.
- Evolution requires that nature is the driving force of the universe. The big bang requires matter to initially exist, this being a supernatural event violating the 1st Law of Thermodynamics or conservation of matter which states that matter only converts into energy and vice versa. Therefore science dictates that large masses of matter are neither pre-existent or are the result of spontaneous generation,

- neither of which is scientific. Spontaneous generation has been disproved by a host of scientists including Pasteur, Spellanzani, and Reddy. Dr. George Wald, Nobel Prize winner said "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."
- A metaphor for demonstrating this concept of the 1st Law of Thermodynamics that matter only converts to energy and vice versa, is using a piece of paper to represent matter which can be burned to create energy. The energy from the sun is converted into plant (tree) matter which can be used to make paper, thus demonstrating the complete cycle. A second tactic is to relate how magicians use trickery to create the illusion that an object or rabbit magically appears, thus making the point that only through deception can something (matter) come into existence spontaneously.
 - **Earth's Magnetic and Gravitational Fields** – These fields are in a state of decay (entropy). Related research concludes, based on the related decay of these fields, that the Earth is only thousands of years old.
 - **Entropy** - The second law of thermodynamics states that the whole universe is degrading, going from order to disorder. According to the big bang theory, the explosion of a tiny dot of infinite mass is claimed to result in the creation of an extraordinarily organized universe. No matter how one describes that philosophical position, it is utter nonsense. Disorder does not create order. A metaphorical to demonstrate this concept is to have a deck of cards that is sequenced from low to high. Once it is dropped, major disorder is established.

NONSENSE

PHILOSOPHY

The philosophy of ancient Greeks underlies today's theory of evolution. These philosophers originally exchanged their mythological approach of the world for a reasoned, evidenced-based approach.

- The Greek viewpoint embodied both the philosophies of materialism and naturalism.
 - Naturalism is the belief that only natural rather than supernatural forces operate in the universe; nothing exists beyond the natural world.
 - Materialism is the belief that all things are composed of matter and that all of life is the result of material properties and interactions. Therefore, all reality is based on physical matter including human thought, feelings, and actions. The possibility of a Creator God and man having a soul are rejected.

PANSPERMIA – LIFE ON EARTH CAME FROM OUTER SPACE

The word, panspermia, is derived from the Greek word that literally translates as "seeds everywhere." This theory suggests that seeds arrived on Earth via asteroids, meteorites or comets. The concept is attributed to the Greek philosopher Anaxagoras (500 BC-528 BC). Eminent biologists Francis Crick and Richard Dawkins support the belief that

life was brought to Earth by space aliens. Realizing that DNA is a language, they require some method of accounting for life on Earth without evoking a god figure.

EXAMPLES OF THE PROPAGANDA OF EVOLUTION

- Evolution is a Fact – Such a comment is not scientific since observation is the basis of science and one cannot observe the past. Therefore, evolution is a historical science which is built on assumptions and intertwined with circular reasoning. Given the uniformitarian perspective of “millions of years,” the possibility of a catastrophic event such as the Genesis Flood is rejected.
- Falsification – “Given enough time, anything will happen.” “If wishes were horses, then beggars would ride” is a 16th century nursery rhyme suggesting that one cannot wish something to be true. However, the truth is that repeating a lie does not make it true.
- Deceptive labels – Evolutionists claim that micro-evolution is macro-evolution; because we see examples of variations in a species such as dogs, this is evidence that there is no “fixity of kinds.” For example, because Darwin saw different beak patterns in the finches on the Galapagos Islands, in contrast to those on the mainland (Ecuador), he claimed that his observations proved kind A to kind B evolution.
- Disingenuous evidence – Offering evidence for only one side of the creation argument vs. evolution is obviously deceptive as it disenfranchises anyone who disagrees with the proponent’s belief.
- Artist Drawings – These are used to support the belief that evolution has already occurred. For example, although there is no support that reptiles had feathers, drawings present them with feathers. Drawings of ape-like creatures are shown with falsified features of modern man, such as human feet or blue eyes.
- Rescue devices – Since comets are composed of ice and dust and, from a scientific perspective, can last only up to 100,000 years, Dr. Oort fabricated a region beyond Neptune which is imagined to be responsible for the creation and introduction of new comets into the universe.
- Circular reasoning – One method of determining the age of a rock is to use a fossil that is particularly abundant, e.g., an index fossil, in one particular strata to date that strata. Conversely, if chooses to date the index fossil, one would use the date ascribed to the rock layer in which it is found. The logic here is that A equals B and B equals A.
- Confabulation – This is the use of insufficient data to support a position based on the belief that evolution has actually occurred. Of course, evolution is a driving force for many because it leads to peer approval, notoriety, and obtaining grants.
- Mother Earth – This is the mantra of naturalism and dates back to the Greeks. This philosophy claims that the Earth is responsible for the life and the evolution of man.
- Mass Media – The proclamation of evolution is ubiquitous with media outlets including Animal Planet (almost human), National Geographic, Nova, press releases, television, movie productions, student textbooks and the current national Core Curriculum. If an individual or group opposes evolution, they are typically be subjected to ridicule and disdain.

IMPOSSIBLE QUESTIONS FOR EVOLUTIONISTS

- How did the matter responsible for the big bang come into existence?
 - Refer to the “Big Bang Theory” (conjecture) below.
- How did time and space come into existence?

- How did planets and stars form from space dust?
- How did matter create life?
 - Refer to "Life from Non-Life" in the biology subsection under evidence.
- How do mutations generate more information in the genome?
 - Refer to "Natural Selection" in the biology subsection under evidence.
 - Refer to "Attempts in Creating Progressive Mutations" in the biology subsection under evidence.
- How did matter produce design?
 - Refer to "Intelligent Design" in the biology subsection under evidence.
 - Refer to "Molecular Machines" in the biology subsection under evidence.
- How did matter produce the language of DNA?
 - Refer to "DNA" in the biology subsection under evidence.
- How were early life-forms able to reproduce themselves?
- How did major changes occur between diverse life forms (i.e., fish changed to amphibians, amphibians to reptiles, and reptiles to birds or mammals)?
 - Refer to "Attempts in Creating Progressive Mutations" in the biology subsection under evidence.
 - Refer to "natural selection" in the biology subsection under evidence.
- How did consciousness emerge from matter?
- How did matter create emotions?

ADDITIONAL PROBLEMATIC AREAS FOR EVOLUTION

- Intelligent design and the laws of the universe necessitate a designer.
- The concept of "millions of years" is not science, but an indefensible philosophical ploy.
- While Darwin predicted that the fossil record would show numerous transitional fossils, even now all we have are a handful of much disputed examples.
- Evidence for monkey-to-man evolution is highly contested and has been beset with numerous cases of mistaken identity and outright fraud.

TRUTH IN SCIENCE

The website Creation Truth Foundation challenges numerous icons of evolution as referenced below.¹⁷

- Changing Face of Pseudogenes – A large-scale international research effort, ENCODE (Encyclopedia of DNA Elements), began in 2003 as an outgrowth of the Human Genome Project. Although the final draft of the genome had been largely finished in 2004, very little was known about areas outside the protein-coding regions comprising less than 5 percent of the total DNA sequence. Many biologists believed this excess DNA had little value and referred to it as pseudogenes or "junk DNA," this being offered by secularists as another supposed case of shared ancestry between "kinds." Multiple studies now show that this non-coding DNA plays a significant role in gene regulation and genome function and again demonstrates that the human genome is irreducibly complex and intelligently designed. This is a massive blow to the myth of "junk DNA." Additionally, there was the claim that there is a 98% similarity between human and chimp DNA, thus supporting the supposition of common ancestry. In truth, a 98% similarity represents millions of letters of difference in the DNA code. However,

recent research by Jeffrey Tomkins of the Institute for Creation Research has found that only 70% of chimpanzee and human DNA was similar, further refuting the shared ancestry between humans and the chimpanzee.

- **Platypus: A Darwinian Cautionary Tale** – The platypus has a furry body, webbed feet, a duck bill, and claws and is hatched from an egg. Furthermore, no transitional forms have been found. Although evolutionists believed that the platypus evolution occurred in Australia, three platypus teeth were found in South America in the 1990's, discrediting that theory. Actually, the platypus is nothing more than a misfit in the Darwinian scheme.
- **Synapsids, Mammal Evolution** – The synapsids were a highly varied and widely distributed group of reptiles that had a limited number of characteristics that were also found in mammals. Since evolution is considered to be a fact, evolutionists assumed that mammals ascended from the synapsids. However, there are no examples of species to species crossover from reptiles to mammals, making that just another unsupported assumption. Furthermore, from a broader perspective, there is no evidence in the fossil record to link vertebrates with any supposed fish to land animals.
- **Coelacanth** – Thought to be extinct and having died out 65 million years ago, a Coelacanth was caught in deep water in the Indian Ocean in 1938. This creature has DNA that is clearly fish-like and is not adapted for living in shallow water which would be required by evolutionists to support their proposition of the coelacanth being a predecessor of the reptiles.¹⁸ The Coelacanth is actually a lobe-finned fish that is most closely related to the lungfish, a fresh water fish capable of breathing air.
- **Tiktaalik** – The fossils of a Tiktaalik were unearthed in 2006 in Ellesmere Island in northern Canada. This creature had fish gills, fish scales and fish fins. Additional features were bones in the bases of the fins, a flexible neck region and heavy rib bones. Researchers claimed this creature had lungs, but this was not supported. In reality, the Tiktaalik is a relative of the Coelacanth and not a missing link. Of interest in this regard are the four legged animal tracks found in strata claimed to be 18 million years old before the Tiktaalik reportedly evolved which would make no sense in an evolutionary scheme. Of course, the whole concept of "missing links" is pivotal to supporting the theory of evolution; hence, there is a relentless search for intermediate species within the fossil record.¹⁹
- **Did Birds Evolve from Dinosaurs?** The problems with the bird-to-dinosaur transition is that there is no mechanism to change scales into feathers, a reptilian lung into an avian lung and no legitimate dinosaurs being found with feathers. Additionally, the assumed rock record supporting evolution suggests that true birds appeared before the "alleged" feathered dinosaurs. Scientific evidence is consistent with what the Bible teaches about birds being unique and created by God on the fifth day of creation "after their kind."
- **Development of Biological Resistance** – Mutations offer benefit to the bacterium in one environment, but the mutations can also lead to the extinction of the bacterium within an alternative environment. Although bacteria can swap DNA with other bacteria, they have been and will always be bacteria. The increase in frequency of resistance is an example of natural selection and does not give evidence for macro-evolution or a change in kind.
- **Comparative Genetic and Biochemistry** – The similarity in appearances, characteristics or biochemistry does not necessarily support similarities in origin. In fact, recent discoveries such as the non-universality of the genetic code are strong arguments against common ancestry. Patterns of similarities and differences in living organisms are fully consistent with design.

- Sickle-cell Anemia – Sickle-cell is a case where a recessive gene confers a natural immunity which may make a person less susceptible to develop malaria, but again, this does not support an evolution of one species to another.
- Peppered Moth – During England's Industrial Revolution pollution darkened the tree trunks, mostly by killing the covering of light-colored lichens. The peppered moth comes in light and dark forms. The lighter forms of the moth, having previously been well camouflaged against the light background, were now vulnerable to be eaten by birds. Therefore, the proportion of dark moths increased dramatically. Later, as pollution was no longer a problem, the lighter moths again became predominant. This has been offered as a textbook case in support Darwin's theory of evolution. However, the fact is that this phenomena was no more than natural selection "within a species," not an example of a change in "kind".
- Misrepresentation of Alternatives – Media and school textbooks frequently make the case for evolution more convincing by the following strategies: failing to mention any alternative to evolution, presenting alternatives as being purely religious and without scientific merit, or offering the philosophy of evolution as an all-or-nothing issue. Evolutionists often disagree with definitions used by creationists because the definitions of evolution are based on the belief that evolution is a fact.²⁰
- Horse Evolution – This fabrication was offered by Thomas Huxley, Darwin's bulldog, in a series of drawings in 1879. During a conference of evolutionists at the Natural History Museum in Chicago in 1980, lecturer Boyce Rensberger detailed how the horse series had no basis in the fossil record.
- Hominid fossils – Hominid fossils represent a history of cases of misidentification and fraudulent presentations of supposed examples of monkey-to-man evolution.
- Embryology - Many school textbooks claim that similarities between embryos of different organisms provide evidence for evolution. This was suggested by Charles Darwin in *The Origin of Species* and championed by Ernst Haeckel, a German biologist and philosopher. Haeckel proposed that animals mirror their ancestors as they develop in the womb as evidenced by their embryos. His theory is summed up in the phrase, "ontogeny recapitulates phylogeny." Haeckel published pictures showing a remarkable similarity in the anatomy of embryos of different animals. His drawings were, in time, found to be fraudulent.
- Homology in Vertebrate Limbs – Homology asks the question of whether observing a set of similar features speaks to common ancestry. If homology were a valid consideration, one would expect it to be occurring on a microscopic level. Recent research suggests that experts can find no objective basis to link one kind of creature to another, although this fact is relatively unacknowledged in the scientific community. With lack of homology between related species, the only alternative is that of a supernatural Creator.²¹ However, a belief in evolution requires conforming to the naturalism which permeates the scientific community.
- Darwin's "Tree of Life" sketch supporting evolution is little more than an artist's drawing supporting conjecture.²²

HISTORICAL THEORIES OF EVOLUTION

- **Spontaneous Generation** – Realizing that there is no rationale for life's origin, it would only makes sense to secularists that life began of itself, having no original cause.
- **Lamarckism** –An organism can pass on characteristics acquired during its lifetime to its offspring.

- **Neo-Lamarckism** – Characteristics acquired during its lifetime are passed to the next generation by the process of natural selection.
- **Natural Selection** – Charles Darwin’s view on evolution was that organisms adapt within their environment with the “most fit” organisms surviving and the “less fit” dying out, this being coined by the name, “survival of the fittest.” The genes of the “most fit” organisms and those that result from mutations representing positive changes are then supposedly passed on to succeeding generations.
- **Orthogenesis** - Life has an innate tendency to evolve from the primitive to advanced states due to a “driving force” within nature.
- **Saltationism** - A new species can occur as a result of large mutations.
- **Punctuated equilibrium** – Rare and rapid branching of one species into two species occurs in the evolving from one species to another.

AUDIO VISUAL RESOURCES

(Dr. Pagels’ DVD*)

EARLY ELEMENTARY

- YOUTUBE – Beginners Bible for Kids Creation. This is a 27 minute cartoonish YouTube of the creation story. Other available stories: Moses, Good Samaritan and Daniel.
- YOUTUBE - God of Wonders. This is an 86 minute YouTube that is beautifully done.
- DVD - Incredible creatures - The Nature of God. These are a three 30 minute DVDs of the incredible creatures defy evolution of by Job Martin. #1 Pacific reef-Whales, waves & ocean wonders. #2 Hawaiian shoreline - Fins, foliage, & shoreline fun. #3 Tropical Mountain Forest in Hawaii - winged creatures, waterfalls & wild reptiles.*
- AiG DVD – Swamp Man – This is a 45 minute DVD with Buddy Davis dealing with God’s creatures in the everglades.*

MIDDLE ELEMENTARY

- AiG YOUTUBE - Big Problems with the Big bang Theory. A 30 minute YouTube comparing the Big bang and Scripture with Dr. Jason Lisle lecturing to adolescents.
- YOUTUBE - The Collapse of Evolution and Fact of Creation._This 64 minute documentary is an **excellent resource** providing evidence undermining evolution.
- YOUTUBE – Proof of Creation – This is Genesis Week._This is a 28 minute lecture.
- YOUTUBE - Something From Nothing – This is Genesis Week._This is an 18 minute lecture.
- YOUTUBE – Evolution Demolition. This is an **excellent** 61 minute presentation on the topic by Dr. Mark Champneys. He says of Richard Dawkins, “There is no God and I hate him.”
- YOUTUBE – Creation is a Scientific Fact._This is a 44 minute presentation with excellent visual effects.
- AIG DVD - Science Confirms Bible. This 58 minute lecture by Ken Ham deals with the evidences of DNA, origin of races, Noah’s Flood, Ice Age, creation days and dating. Although the topic is complex, it is clearly presented.*

UPPER ELEMENTARY TO ADULT

Astronomy

- ICR YOUTUBE – Astronomy Reveals Creation. A 66 minute lecture by Dr. Jason Lisle.
- YOUTUBE – Our Solar System: Evidence of Creation. This is an 88 minute lecture about the unique ways that each planet contradicts evolution.
 - YOUTUBE - Creation Astronomy: The Heavens Declare the Glory of God._This is a 74 minutes lecture.
 - YOUTUBE - Evolution vs. Creationism: the Big bang and the Fossil Record._This is a 9 minute YouTube offered in a lecture format.

Biology

- YOUTUBE – “Amino acids – Building blocks of Life Make Up Proteins.” This is a 5 minute YouTube. (Internet website).
- ORIGINS YOUTUBE – Genetics Confirms the Bible. This is a 26 minute lecture by Dr. Robert Carter.
- YOUTUBE – DNA by Design._This is a 60 minute lecture by Dr. Stephen Meyer.
- YOUTUBE - Intelligent Design._This is a beautiful 57 minute YouTube that deals with is cellular biology.
- AIG DVD - Only One Race._This is a 50 minute lecture by Ken Ham on race asking if Darwinian evolution fueled racism.*
- AIG YOUTUBE - The Origin of Life. – Dr. Mike Riddle offers a 19 minute lecture on the topic.
- YOUTUBE – “The Secret of Life – Discovery of DNA Structure.” – This is an interesting 9 minute YouTube. (Internet website).
- YOUTUBE – You are Fearfully and Wonderfully made._This is a 9 minute charismatic YouTube on topic featuring effective visuals.
- YOUTUBE – “What is DNA.” - This is a basic 5 minute YouTube offering. (Internet website).

Creation

- YOUTUBE – Creation Evidence from South America._This is a 44 minute YouTube offered by Dr. Don Patton.
- YOUTUBE – Dr. John Witcomb – The Creator of the World. This is a 41 minute theological conference lecture by one of the fathers of the creationism in America.
- ORIGINS YOUTUBE - Evidence for Creation “Genetics Confirms the Bible.” Dr. Robert Carter of Creation Ministries International lectures for 26 minutes on topic.
- YOUTUBE – Explosive Geological Evidence for Creation: Mt. St. Helens. This is an 85 minute lecture dealing with scientific evidence on the topic.
- AIG DVD - Genesis: Key to Reclaim Culture. This is a 41 minute lecture by Ken Ham offering tools in defending one’s faith against the secular humanism.
- YOUTUBE – God of Wonders._This an 84 minute YouTube with excellent visual effects dealing with God’s incredible creation.
- YOUTUBE – Origin of Man._Dr. Duane Gish, an extremely articulate creationist, offers this 19 minute audio presentation.
- ICR YOUTUBE – The Bible and Modern Man._This is a 10 minute lecture by Dr. Duane Gish, an articulate creationist.

- YOUTUBE - The Signs of God's Existence. – This is a 115 minute movie with excellent content.
- YOUTUBE – The Ultimate Proof of Creation. Dr. Jason Lisle offers a 49 minute lecture on the topic.

Debates

- 1981 Debate Ken Miller vs. Henry Morris._This offers great content and is basically a 190 minute debate.
- YOUTUBE – Lennox Vs. Dawkins Debate. Has Science Buried God? (June 1, 2013; June 18, 2011). This is an excellent 80 minute debate between two Oxford professors.
- YOUTUBE – Debate: Phil Donahue, Duane Gish, Evolution vs.. Creation._This is a 30 minute segment from his television show.
- YOUTUBE – The God Delusion Debate. – Richard Dawkins and John Lennox, two Oxford professors, debate Richard's book, *The God Delusion*, for 100 minutes.

Evolution

- YOUTUBE – Biologist Exposes Lie of "Overwhelming Evidence for Evolution." Dr. Jonathan Wells offers a 5 minute lecture on many icons of evolution.
- CREATION MAGAZINE YOUTUBE – Cornerstones of Evolution Refuted. This 59 minute YouTube is a discussion between two presenters.
- YOUTUBE – Dark History of Evolution – Henry Morris._Dr. Morris, one of the fathers of the creation movement in America, offers a 47 minute lecture.
- YOUTUBE – Evolution Challenge of the Fossil Record._Dr. Duane Gish, an extremely articulate creationist, offers a 50 minute lecture.
- YOUTUBE – Evolution Destroyed in under 5 Minutes. Dr. David Berlinski talks intelligently about the nonsense of evolution from a mathematical perspective.
- DVD - Evolution vs. God. – This 38 minute powerful, stinging and thought provoking interview contrasts Christianity & evolution and is offered by Ray Comfort of Living Waters Publications. *
- YOUTUBE - Evolution vs. God. – This 38 minute powerful, stinging and thought provoking interview contrasts Christianity & evolution and is offered by Ray Comfort of Living Waters Publications. This can be accessed by going to the Living Waters website.
- YOUTUBE – Evolutionism: The Greatest Deception of All Time._ Dr. Thomas Sharp lectures for 48 minutes on the topic.
- DVD - Expelled._This 95 minute Ben Stein movie seeks to find why belief in intelligent design is excluded from the secular science community.
- YOUTUBE – Expelled - No Intelligence Allowed. A Ben Stein documentary of 97 minutes focusing on the intolerance of secularists to the intelligent design movement.
- AIG YOUTUBE - Ken Ham Responds to Intolerant Bill Nye Defenders. During a 3 minute rebuttal Ken Ham discusses the name calling and profanity of insecure secularists following his debate with Bill Nye.
- YOUTUBE – Inherently Wind._This is a 17 minute analysis of Inherit the Wind which is a play offering a secularly slanted synopsis of the Scope Trial of 1925.

- ICR - YOUTUBE – The Troubled Waters of Evolution. (Part 1 & 2) Dr. Henry Morris, a father of the creationist movement in America, offers a 10 minute lecture.
- YOUTUBE – Richard Dawkins and Aliens_ This incredible 5 minute clip features an excerpt from Ben Stein’s movie, “Expelled,” where Richard Dawkins, a prominent proponent of evolution, proposes that aliens seeded life on Earth.
- YOUTUBE – Richard Dawkins Talks Aliens and Gods. The 10 minute YouTube deals with the philosophical circumlocution of this Oxford professor.
- YOUTUBE – Whale Evolution vs. the Actual Fossil Evidence. This is a 9 minute YouTube with University of Michigan Professors and Duane Gish, an apologist.

Genesis

- AIG DVD – Creation and the Christian Faith. – This is a hard-hitting 40 minute with Ken Ham lecturing on why Genesis is foundational to the Christian faith.*
- ORIGINS YOUTUBE – Creation Week with Donald DeYoung. In 26 minutes, Dr. DeYoung reviews each day of the creation week from a scientific perspective.
- AIG DVD – The Six Days of Creation._This is a 50 minute DVD featuring Ken Ham lecturing on the fact that God created the universe in six 24-hour days.*
- AIG YOUTUBE – What’s Wrong with Progressive Creation? This is a 4 minute YouTube offered by Dr. Terry Mortenson.
- AIG YOUTUBE – Genesis – The Key to Reclaiming the Culture._This is a 41 minute lecture by Ken Ham.*

Intelligent Design

- YOUTUBE – Intelligent Design._This is a 5 minute YouTube with beautiful visuals that deal with the one concept that there is a Creator God.
- YOUTUBE – Intelligent Design Theory._This is a 5 minute YouTube with objective information.
- YOUTUBE – Michael Behe: Intelligent Design._ This is a 65 minute DVD by biochemist Dr. Michael, a pioneer in Intelligent Design movement.

Scripture

- YOUTUBE – Dr. Walter T. Brown – God’s Power and Scripture’s Authority. This is a 14 minute lecture with visuals and some incredible evidence.
- ORIGINS YOUTUBE – Evolution – The Grand Experiment. Dr. Carl Werner, offers good visuals and discusses the topic for 28 minutes.
- YOUTUBE – Evolutionism: The Greatest Deception of All Time._ Dr. Thomas Sharp lectures for 48 minutes on the topic.
- YOUTUBE - God of Wonders: Scientists Prove Almighty God’s Existence. This is an 84 minute scripturally-based presentation beautifully done by Praise Yahshua.
- YOUTUBE – Incredible Facts of the Bible. – This is a 5 minute presentation with visually beautiful effects is offered with a written explanation in the foreground.
- YOUTUBE – 101 Scientific Facts Found Within the Bible. This 203 minute presentation offers good visual backed by scriptural references.
- AIG YOUTUBE – Science Confirms the Bible is True. A 21 minute lecture by Dr. Jason Lisle.

- AIG DVD – The Six Days of Creation. – This is a 50 minutes lecture by Ken Ham dealing with the six literal days of creation.*
- AIG DVD - Where did God come from? This is a 50 minute lecture by Ken Ham dealing with the topic of the Bible vs.. Evolution.*
- AIG DVD - Why Won't They Listen. This 50 minute Ken Ham lecture discusses why winning souls for Christ is so hard by comparing sin to Gospel cycle.*

NOTES – CHAPTER 3

Regularly used sources: Answers in Genesis; Bible; Institute for Creation Research.

1. Martin Luther, *Luther's Small Catechism*, (St. Louis, MO: Concordia Publishing House, 1943).
2. Reading of Genesis 1:1-2:3," [https://www.icr.org/i/pdf/technical/Statistical-Determination-of-Genre Steven Boyd, "Statistical Determination of Genre in Biblical Hebrew: Evidence for an Historical -in-Biblical-Hebrew.pdf](https://www.icr.org/i/pdf/technical/Statistical-Determination-of-Genre%20Steven%20Boyd,%20%22Statistical%20Determination%20of%20Genre%20in%20Biblical%20Hebrew%3A%20Evidence%20for%20an%20Historical%20-in-Biblical-Hebrew.pdf).
3. Jonathan Sarfati, "Theologian: Genesis means what it says!" (Interview Old Testament scholar Dr. Robert McCabe), <http://creation.com/robert-mccabe-old-testament-scholar-Genesis>.
4. Robert McCabe, *A Defense of Literal Days in the Creation Week*, <https://www.dbts.edu/journals/2000/mccabe.pdf>.
5. Georgia Purdom, *New Answers Book Two*, (Green Forest, AR: Master Books, 1982), 135-141.
6. Staff writer, "Panspermia and the Origin of Life on Earth," <http://www.panspermia-theory.com/>.
7. Carl Wieland, "Archaeopteryx." <http://creation.com/ArchaeopteryxCreation.com>.
8. Mike Riddle, "Can Natural Processes Explain the Origin of Life?" *The New Answers Book 2*, (February 11, 2010), <https://answersinGenesis.org/origin-of-life/can-natural-processes-explain-the-origin-of-life/>.
9. Henry Morris, "The Mathematical Impossibility of Evolution," <http://www.icr.org/article/493/>.
10. Staff writer, "Mazin's Blog - The Sieve of Truth - Miller's Experiment," (March 23, 2008), <https://mazinx.wordpress.com/2008/03/23/millers-experiment/>
11. Brian Thomas, "100 Years of Fruit Fly Tests Show No Evolution," <http://www.icr.org/article/5532>.
12. Brian Thomas, "Human Mutation Clock Confirms Creation," <http://www.icr.org/article/7077/>.
13. Georgia Purdom, "Are There Beneficial Mutations?" (April 25, 2008), <https://answersinGenesis.org/genetics/mutations/are-there-beneficial-mutations/>.
14. Bruce Malone, *Censored Science The Suppressed Evidence*, (Midland, MI: Search for the Truth Publications, 2014), 38.

15. Georgia Purdom, "Is Natural Selection the Same Thing as Evolution?" *The New AIG Answers Book*, (January 3, 2008), <https://answersinGenesis.org/natural-selection/is-natural-selection-the-same-thing-as-evolution/>.
16. Staff Writer, "Big Bang Theory," <http://www.allaboutscience.org/big-bang-theory.htm>.
17. Staff writer, "Evidence for Evolution," <http://www.truthinscience.org.uk/tis2/>
18. Tim Clarey and Jeffrey Tomkins, , "Coelacanths: Evolutionists Still Fishing in Shallow Water," <http://www.icr.org/article/coelacanths-evolutionists-still-fishing/>.
19. David Menton, "Tiktaalik and the Fishy Story of Walking Fish, Part 2 - An in-depth look." <https://answersinGenesis.org/extinct-animals/tiktaalik-and-the-fishy-story-of-walking-fish-part-2/>.
20. Laurence Moran, "Evolution is a Fact and a Theory," <http://www.talkorigins.org/faqs/evolution-fact.html>.
21. Jerry Bergman, "Does Homology Provide Evidence of Evolutionary Naturalism?" <http://creation.com/does-homology-provide-evidence-of-evolutionary-naturalism>.
22. Brian Thomas and Frank Sherwin, "Darwin's Withering Tree of Life," <http://www.icr.org/article/darwins-withering-tree>.

Not foot noted in the document, but useful sites:

Answers in Genesis Staff, "Arguments to Avoid," <https://answersinGenesis.org/creationism/arguments-to-avoid/> (Internet website).

Jonathan Sarfati, "Arguments We Think Creationists Should Not Use," <http://creation.com/arguments-we-think-creationists-should-not-use>.

Chapter 4

DINOSAURS

(Gateway to Evolution)

Job 40: 15-19 "Behold, behemoth, which I made as I made you, He eats grass like an ox. Behold, his strength in his loins, and his power in the muscles of his belly. He makes his tail stiff like a cedar; the sinews of his thighs are knit together. His bones are tubes of bronze, his limbs like bars of iron. He is first of the works of God;"

THE BIG IDEA

**DINOSAURS ARE NOT PREHISTORIC
SINCE THEY LIVED WITH MAN.**

SCRIPTURE

DINOSAURS IN THE BIBLE – MISSIONARY LIZARDS

- **Genesis 1:24** – God created dinosaurs on the fifth and sixth day of creation along with the creatures of the sea and land.
- **Genesis 7:11, 12 & 19** – Two of every animal "kind" including dinosaurs were on Noah's ark.
- **Job 40:15-24** - The great beast described in the book of Job called the "behemoth" was a land creature.
- **Job 41:1** – The book of Job described the leviathan as a fearsome creature of the sea.
- **Dragon** - The term "dragon" is used 28 times in the Old Testament. The Hebrew term "tanniyn" was a mysterious creature resembling a giant reptile. English translations frequently use the term dragon although sea-monster, serpent and whale are also used. Creation scientists indicate that dinosaurs were called dragons before the term dinosaur was coined in 1841.

EVIDENCE

DINOSAURS FACTS

- The term dragon, no doubt, has been romanticized down through the ages; however, the truth is that dragons are referenced throughout numerous ancient cultures in historical records, stories and legends. A selection of the countries and names that used the term dragon, of course in their own language, is offered as follows: China, Loong; Philippines, Bakunawa; Greece, Drakon; Britain, Wyvben; Korea, Rong; and

Germany, Lindworm. Additionally, visual depictions and replicas provide overwhelming evidence of dinosaur-like creatures that lived with man in the recent past. One example of this is that of Marco Polo, who in his travels throughout Asia, Persia, China and Indonesia in the late 1200's, chronicled vivid descriptions of dinosaurs.¹ Even today, depictions of dragons are prevalent in some cultures being found on the flag of Wales and the Chinese calendar.

- Evidence of dinosaurs living with man is typically suppressed because it contradicts the false, but prevailing theories proposed by secularists about the age of the Earth.
- Reptiles continue to grow their entire life. The pre-flood tropical environment had an abundant food supply and life was protected from cosmic radiation by a water-vapor canopy, which allowed growth of dinosaurs and other organisms. This could have occurred even as it does today with some species of reptiles which, when given an adequate food supply, continue to grow.²
- In the 1820's Gideon Mantell found unusual teeth and bones in a quarry.
- By 1841 about nine types of dinosaurs had been found and Dr. Richard Owen who coined the term, "dinosaur," which means "terrible lizard." Prior to that time, the common term used for such creatures was "dragon."
- Dinosaurs vary in size from that of a small chicken to a bus - the average dinosaur being about the size of a sheep.
- Dinosaur limbs are positioned under the body, unlike other reptiles where the legs are at their sides.
- Proponents of the theory of evolution offer many possible reasons for the extinction of dinosaurs including overeating, becoming blind, meteorites, changes in the composition of air, etc. One explanation that makes perfect sense is that at the time of the Genesis Flood many sea creatures died, but some survived. Reason would suggest that the Genesis Flood transformed the Earth. Food was no longer abundant; man killed animals for food and habitats that had previously supported certain animal species were destroyed. The Ice Age also drastically changed conditions of the Earth. This led to the extinction of animals who were unable to adjust to the new environment.³

THE BEHEMOTH

Job 40:15-24 described the behemoth as follows:

- It "eats grass like an ox."
- It "moves his tail like a cedar." Although some Bibles or commentaries translate the word "behemoth" to mean an elephant or hippopotamus, neither has a tail like a cedar.
- Its "bones are like beams of bronze, its ribs like bars of iron."
- "He is the first of the ways of God." This implies that behemoth was the biggest of God's created animals.⁴
- "He lies under the lotus trees, in a covert of reeds and marsh."
- The biblical description of a behemoth fits quite well with that of a brachiosaurus. It is a grass-eating dinosaur that is 80-85 feet long and can weigh from 33-88 tons. The brachiosaurus, the largest of the dinosaurs, is about as long as two school buses. Its fossils were first discovered in the Grand Canyon in western Colorado around 1900.

THE LEVIATHAN

The leviathan, also referred to as a dragon, is recorded in Job chapter 41, Psalm 104:25-26 and Isaiah 27:1. It is characterized as a ferocious and terrifying sea creature and therefore was created on the fifth day of God's creation. Therefore, although identified in Scripture as a dragon, the leviathan was not a true dinosaur. Although some consider the Leviathan to be an alligator or crocodile, neither of these are sea creatures since they spend much of their life on land. The Bible described the Leviathan as follows:

- Job 41:10, "No one is so fierce that he would dare stir him up."
- Job 41:14, "Who can open the doors of his face? Around his teeth is terror."
- Job 41:15-17, "His back is made of rows of shields, shut up closely as with a seal. One is so near to another that no air can come between them. They are joined one to another; they clasp each other and cannot be separated."
- Job 41:18-19, "His sneezings flash forth light, and his eyes are like the eyelids of the morning. Out of his mouth go flaming torches; sparks of fire leap forth."
- Job 41:26-28, "Though the sword reaches him, it does not avail; nor the spear, dart, or the javelin. He counts iron as straw, and bronze as rotten wood. The arrow cannot make him flee; for him, sling stones are turned to stubble to him."
- Job 41:33, "On Earth there is nothing is like, a creature without fear."

A highly controversial aspect of this creature is the fire breathing aspect. Literalists point to other creatures living today that in some way appear to mirror this behavior such as the Central American beetle that has a nozzle in its posterior that acts like a little flame thrower and also, electric eels in support of this possible aspect of the leviathan's behavior. Additionally, they point to the hundreds of legends about fire-breathing dragons from many different parts of the world.⁵

Leviathan literally means "the twisted animal," gathering itself in folds. Other creatures that are both land-dwelling and swim in the sea have also been offered for the leviathan, namely a plesiosaur or mosasaur or a kronosaurus. One creature that is particularly consistent with Job's description of the leviathan is the Spinosaurus meaning "spine lizard." Originally discovered in 1912, it is considered to be the largest of all known carnivorous dinosaurs reaching lengths in the 50 foot range. This dinosaur had a long, narrow skull similar to the modern day crocodile and was believed to hunt both on land and in the water.⁶

The book of Job is known for using nature from a poetic perspective with the leviathan being a prime example. Hebrew poetry is typically characterized by the use of parallelism which permeates God's response to Job in the 41st chapter. Job's poetry takes on a metaphorical perspective on a number of counts. In regard to verse 18 "his sneezings flash forth light" can refer to an amphibious animal surfacing after holding their breath and forcibly expelling upon surfacing. Commentators typically refer to the verse 19, "...Out of his mouth go flaming torches; sparks of fire leap forth" as a hyperbole. In chapters 40 and 41 God is talking about his most awesome of creatures in terms of the behemoth and leviathan. Some would suggest that God is using "flaming torches" metaphorically to illustrate his intense anger at Job's three friends who had advised him to reject God. (Job 42:7)

THE DRAGON – A MICROCOSOM OF THE BATTLE OF WORLDVIEWS

Secularists steadfastly maintain that God does not exist, using their God-given powers of reasoning to replace the God of the universe with His creation, namely nature. As this relates to dragons, one can either say that dinosaurs are mythological monsters, real animals that still exist somewhere today or real animals that once lived, but are now extinct. Biblical and scientific evidence makes it clear that this last choice is the only correct option.⁷ In the case of the behemoth, various passages in Scripture originating before the birth of Christ offer accurate descriptions of dinosaurs that have only been discovered in the last 150 years.

Henry Morris stated how this problem even affects the Christian Church as follows, "Modern Bible scholars, for the most part, have become so conditioned to think in terms of long ages of evolutionary geology that it never occurs to them that mankind once lived in the same world with the great animals that are now found only as fossils."⁸

DINOSAURS LIVED WITH MAN

- **SOFT TISSUE IN FOSSILS** – In 2007 Dr. Mary Schweitzer, a paleontologist at North Carolina State University, was conducting research on the fossilized thigh bone of a Tyrannosaurus Rex taken from the Hell Creek formation in Montana. Studying bone slices, she found flexible tissue and what appeared to be red blood cells with nuclei typical of reptiles and birds. These compelling discoveries are consistent with those of Egyptian mummies and other similar finds of that age, but clearly not consistent with evolutionary theory which claims that dinosaurs lived from 65 to 230 million years ago before becoming extinct.
- **FRESH DINOSAUR BONES** - In 1961 a petroleum geologist discovered a half-meter-deep bone bed of fresh dinosaur bones in Alaska. How these bones could have remained in a fresh condition for "millions of years" is a perplexing question unless one understands that dinosaurs lived with man only thousands of years ago. Additional scientific evidence based on carbon-14 dating has verified that dinosaur bones are less than 6,000 years old.⁹
- **DINOSAUR EGGS** - In the Lufeng Formation of China Sauropod dinosaur eggs were found in flood-deposited rock layers below the Jurassic layer along with remnants of protein still in their tiny embryonic bones. Hence considerations not supporting evolutionary theory again have emerged. First, the dinosaur eggs were found in the Jurassic layers which supposedly range from 230 to 65 million years ago, predating the existence of dinosaurs and secondly, fresh tissue and living cells cannot possibly be "millions of years" old since the shelf-life of proteins found in bone tissue could not exceed a few hundred thousand years.
- **CARBON-14 DATING** – Dating of eight dinosaur specimens yielded ages ranging from 22,000 to 39,000 years which is relatively consistent with a young Earth perspective. Given the interplay of the lessening of the magnetic field of the Earth on the retention of C-14 in specimens, the amount of C-14 in dinosaurs is well in line with a young Earth perspective.
- **HISTORY OF SOFT-TISSUE FINDS** – Reference the beginning of chapter 8 (Dating), for that information.

NONSENSE

EVOLUTIONISTS' CLAIM

- Animals evolved from their ancestors, lived successfully for a period of time and became extinct as their descendants achieved more effective ways of surviving.
- Dinosaurs evolved from pond scum about 230 million years ago and died out 65 million years ago.
- Evolution is an established fact of science, so dinosaurs could not have possibly lived with man, since man had not yet evolved during the time dinosaurs reportedly lived.
- All reports about dragons in history and literature are references to mythological creatures.
- The many representations of dinosaurs that have been found in various cultures, whether they are drawings or sculptures, are purely the result of man's imagination.
- Dinosaurs, in time, evolved into birds.
- The fossils of dinosaurs are the result of slow burial. Of course, the opposite is true since the remains of dinosaurs could only exist as the result of rapid burial.

AUDIO VISUAL RESOURCES

(Dr. Pagels' DVD*)

EARLY ELEMENTARY

- AIG DVD – Dinosaurs Genesis & the Gospel. Ken Ham and Buddy Davis present two 30 minute fun-filled sessions on topic before an audience.
- YOUTUBE – Dragons or Dinosaurs? – Creation or Evolution? This 84-minute YouTube offers historically relevant materials supporting dinosaurs living with man.
- AIG YOUTUBE - Evolution vs. Creation – It is a Fact That the Dinosaurs Live with Man. A young Ken Ham presents a 27-minute talk to children about dinosaurs.
- AIG YOUTUBE – I Dig Dinosaurs. Buddy Davis goes on a 25-minute fun-packed dinosaur dig.

MIDDLE ELEMENTARY

- YOUTUBE - Creation Today: Dinosaurs with Man. This is an interesting 38-minute lecture with an energetic speaker using effective visuals featuring Eric Hovind.
- YOUTUBE – Dinosaurs and the Bible. This 64-minute presentation offers many pictures and figures of dinosaurs from ancient times.
- YOUTUBE – Dinosaurs, Dragons and the Bible. An interesting presentation of 11 minutes with a focus on scriptural evidence of dinosaurs.
- YOUTUBE - Dragons or Dinosaurs? Creation or Evolution? This is an 84-minute excellent presentation dealing with evidence that dinosaurs lived with man.
- AIG YOUTUBE - Evolution vs. Creation: #8 Dinosaurs and the Bible. The theme of this 5-minute YouTube with Ken Ham is that Earth is not "millions of years" old.
- DVD - Extraordinary Evidence that Dinosaurs Lived with Man. An easily understood presentation of 62 minutes offered by Don Patton.
- YOUTUBE - Forbidden-History: Dinosaurs and the Bible. This is 64-minute YouTube by Restoring Genesis Ministries.

- AIG DVD – Jurassic Prank – A Dinosaur Tale. This is a 54 minute entertaining lecture by Tommy Mitchell using the movie to explain how the secular world indoctrinates audiences about the supposed truth of evolution.
- YOUTUBE - Proof Dinosaurs Really Live with Man! This is a quite understandable lecture of 28 minutes with good visuals offered by John Pendleton.

UPPER ELEMENTARY TO ADULT

- Creation Ministries International Staff. “C-14 Dating & Dino Bones.” Creation.com (Internet website.)
- YOUTUBE - Dinosaurs and the Bible. Jason Lisle of Answers in Genesis presents a 32 minute lecture.
- AIG DVD – The Bible Explains Dinosaurs. During a 30 minute presentation the real history of dinosaurs is explained by Ken Ham.*

NOTES - CHAPTER 4

Regularly used sources: Answers in Genesis; Institute for Creation Research

1. Staff writer, “Forbidden-History: Dinosaurs and the Bible,” <http://www.forbidden-history.com/dinosaurs-in-history.html>. (This is an awesome site.)
2. Staff writer, “Reptile,” <http://www.britannica.com/>.
3. Wayne Jackson, “Job, Behemoth, and Dinosaurs,” <https://www.christiancourier.com/articles/1007-job-behemoth-and-dinosaurs>.
4. Ken Ham, “Dinosaurs and the Bible,” <https://answersingenesis.org/dinosaurs/dinosaurs-and-the-bible/>.
5. A Staff writer, “The existence of fire breathing dragons,” http://www.creationworldview.org/articles_view.asp?id=50.
6. Tim Clarey, “Tracking Down Leviathan,” *Acts and Facts* (July 2015): 14.
7. Staff writer, “Dinosaurs and the Bible,” <http://www.clarifyingchristianity.com/dinos.shtml>.
8. Staff writer, “Behemoth and Leviathan – Creatures of Controversy,” https://www.google.com/?gws_rd=ssl#q=behemoth+and+leviathan
9. Henry Morris, *The Remarkable Record of Job*, (Green Forest, AR: Master Books, 1998), 115.
5. A Staff writer, “The existence of fire breathing dragons,” http://www.creationworldview.org/articles_view.asp?id=50.
6. Tim Clarey, “Tracking Down Leviathan,” *Acts and Facts* (July 2015): 14.
7. Staff writer, “Dinosaurs and the Bible,” <http://www.clarifyingchristianity.com/dinos.shtml>.
8. Staff writer, “Behemoth and Leviathan – Creatures of Controversy,” https://www.google.com/?gws_rd=ssl#q=behemoth+and+leviathan
9. Henry Morris, *The Remarkable Record of Job*, (Green Forest, AR: Master Books, 1998), 115.

Chapter 5

GENESIS FLOOD

(Genesis 6:5 – 10:32)

Genesis 6:1 "For behold, I will bring a flood of waters upon the Earth to destroy all flesh in which is the breath of life under heaven. Everything that is on the Earth shall die."

THE BIG IDEA

**GOD JUDGED A REBELLIOUS, SINFUL PEOPLE
BY SENDING THE GENESIS GLOBAL FLOOD.**

SCRIPTURE

BIBICAL RECORD OF THE FLOOD EVENT

- **Genesis 6:13** - And God said unto Noah, "I have determined to make an end of all flesh, for the Earth is filled with violence through them. Behold, I will destroy them with the Earth." (God, the righteous judge, sent the flood in judgment of a sinful and rebellious people.)
- **Genesis 6:14** - "Make yourself an ark of gopher wood. Make rooms in the ark, and cover it inside and out with pitch."
- **Genesis 6:19** - "And of every living thing of all flesh, you shall bring two of every sort into the ark to keep them alive with you. They shall be male and female."
- **Genesis 7:7** - "And Noah and his sons and his wife and his sons' wives with him went into the ark to escape the waters of the flood."
- **Genesis 7:11** - "... on that day all the fountains of the great deep burst forth." (This passage clearly suggests that the Earth was torn apart clearly precipitating the beginning of global catastrophic reaction.)
- **Genesis 7:11-12** - "...and the windows of the heavens were opened. And rain fell upon the Earth for forty days and forty nights."
- **Genesis 7:20-21** - "The waters prevailed above the mountains, covering them fifteen cubits deep. And all flesh died that moved on the Earth, birds, livestock, beasts, all swarming creatures that swarm on the Earth, and all mankind."

NEW TESTAMENT WITNESSES OF THE FLOOD

- **Matthew 24:38** - "For in those days before the flood they were eating and drinking, marrying and giving in marriage, until the day when Noah entered the ark."

- **Luke 17:20 & 26** – “(Jesus) answered them, ‘The kingdom of God is not coming in ways that can be observed,’ ...”Just as it was in the days of Noah, so will it be in the days of the Son of Man.”
- **1 Peter 3:20** – “Because they formerly did not obey, when God’s patience waited in the days of Noah, while the ark was being prepared, in which a few, that is, eight persons, were brought safely through water.”
- **2 Peter 3:3 & 5-6** – “Knowing this first of all, that scoffers will come in the last days with scoffing, following their own sinful desires. ...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.” (The Coming Day of the Lord)

EVIDENCE

THE PRE-FLOOD EARTH

- **Genesis 1:9-10** – “And God said, ‘Let the waters under the sky be gathered to one place...’” The Earth was a single land mass before the flood. Computer models suggest the continents catastrophically moved apart during the global Genesis Flood to essentially their present locations.
- **Genesis 2:6** – “...but streams came up from the Earth and watered the whole surface of the ground.” Based on the fossil and plant records, there is no question that a tropical to semi-tropical environment existed across the Earth prior to the Genesis Flood. Fossilized rain forests have been found in desert areas and Antarctica. A canopy in the stratosphere blocked dangerous x-rays and ultraviolet radiation, contributing to the longevity and athleticism of man.
- **Genesis 3:17** - “And unto Adam he said, ‘Because thou hast hearkened unto the voice of your wife and ate fruit from the tree about which I commanded, ‘You must not eat from it,’ “cursed is the ground because of you; through painful toil you will eat food from it all the days of your life. It will produce thorns and thistles for you.” - Much evidence is found in the geological record of the effects of sin in terms of disease, decay and malformations in animal and plant life which had to have occurred prior to Noah’s Flood.
- **Genesis 7:6** – “Noah was six hundred years old when the flood of waters came upon the Earth.” - Prior to the Genesis Flood, man experienced a much longer life span and creatures achieved much greater sizes, e.g., foot-long cockroaches, 50-foot crocodiles, and 8½ foot centipedes, etc. are part of the fossil record.

LESSONS OF THE GENESIS FLOOD

- A Holy God does not tolerate sin.
- A just God does not let sin go unpunished.
- The power of a righteous God was unleashed in the catastrophic Genesis Flood.
- Our God of mercy sent his only son, Jesus Christ, to redeem sinful man from his lost and condemned state.

FACTS REGARDING NOAH'S ARK

- The Hebrew word for ark is "tebah" and was only used to describe Noah's Ark and the container in which Moses was hidden in the Nile River.
- The shape of the ark was likely a rectangular barge that floated low in the water.
- The dimensions of the ark were 300 cubits long by 50 cubits wide and 30 cubits high. Considering a typical cubit, this would make a very large boat of about 450 feet in length, 75 with width and 45 feet in height. However, there is some question about the length of a cubit with the typical cubit being 17.5 inches whereas the Egyptian cubit being 20.5 inches.
- The dimensions of the Ark had a ratio of length x width x height of 30 x 5 x 3. These proportions reflect an advanced knowledge of ship-building and an excellent design for stability in rough seas. In 1993, Dr. Seon Hong's team of experts in ship building from South Korea conducted a scientific study on the design of Noah's ark. Of the twelve hull designs evaluated, no shape was found to significantly outperform the design of Noah's ark as described in Scripture. Results suggested that the ark's design offered balance with regard to stability, comfort, and strength.²
- The volume of the Ark was equal to 569 standard railroad boxcars. With animals the being the size of sheep, the Ark could hold over 125,000 animals.
- The Ark had three stories and one door coated with pitch inside and out. Pitch was likely a resinous material used for waterproofing and preventing decay.
- This large boat was built of "gopher wood." Exactly what gopher wood was is unknown, but because of its durability, resistance to insects, decay and chemical corrosion, etc., cypress has been suggested.
- Noah was 480 years old when he was told to build the Ark. From the time God told him to build the Ark until its completion was 120 years. It is likely that Noah employed many workers in the building process.
- The Bible says that the Ark came to rest on the mountains of Ararat, which are likely in Eastern Turkey, but it is definitely not the Mt. Ararat of today.
- Evidence from ancient history suggests that the Ark landed about 200 miles south of Mt. Ararat. An Arabic historian claims the last remains of the Ark were hauled away about 1,000 A.D.
- There were eight human passengers on the Ark, Noah, his wife and his three sons and their wives.
- Noah brought mated pairs of every kind of bird, animal, and creature that moves along the ground. With regard to the clean animals and birds, seven pairs were brought on the Ark. It would appear that there was plenty of space for all of the animals.
- There are a number of unknowns regarding specifics of daily life in the Ark during the Flood. These include the care of the animals, the sanitation problem, animals arriving at the Ark and whether animals were hibernating during the flood event.

GENESIS FLOOD FACTS

- The flood was a universal event with water covering the highest mountains.
- Ancient peoples offer about 270 flood stories. It is interesting to note that the stories from near Asia Minor are most in line with the biblical account of the flood.
- All animal and plant life, of course was destroyed by the catastrophe with the exception of some creatures of the sea.
- The duration of the Genesis Flood was an entire year.³

GLOBAL GEOLOGICAL FLOOD EVENTS

- There was massive erosion across the Earth and millions of dead things being rapidly buried with no evidence of decay or being eaten by scavengers.⁴
- Colossal burials of fish and plant materials resulted in the creation of immense deposits of oil and coal.
- Massive earthquakes and volcanism occurred across the face of the Earth. The opening of the Earth's crust and the movement of the tectonic plates resulted in the separation of the single land mass into the present continents.
- Massive buckling and bending of the Earth's crust took place. In the case of the uppermost mantle, this resulted in mountain building typically referred to as orogeny and deep ocean trenches.

EVIDENCE OF WORLD-WIDE, CATASTROPHIC FLOOD

- Layers of sediment are found on over 70% of the Earth's surface with sediments as much as a mile deep.⁵
- Layers of sediment were deposited in rapid succession.
- Bent rock layers are found without evidence of fracturing indicating strata were laid down rapidly while wet and subsequently folded while still wet.
- Rapid erosion between rock strata rules out gradual erosion over long periods of time.
- Clastic dikes, namely older rock fragments, cross cutting sedimentary materials and intruding into foreign rock are common and are indicative of upheaval, not erosion.
- Fossils are found across 75% of the Earth's surface. Of these fossils, 95% are marine animals and 4.75% are algae and plants.
- Fossils of sea creatures are found high above sea level in the Andes and Himalayan Mountains.
- Fossils of delicate creatures such as jelly fish give evidence of rapid burial since such creatures would typically deteriorate rapidly.
- Disarticulated bones of many animals are present on hill tops in fissures.
- Polystrate fossils, usually trees, buried upright and cutting across multiple layers of strata have been found as far as 2,500 feet below the Earth's surface. Trees cannot grow through supposed "millions of years" of rock layers
- Fossil systems are out of order with no evidence of erosion or overthrusting (paraconformity) which relates to extreme upheaval in the rock strata, which also points to a catastrophic event.
- At the Palouse River in Washington State, the Lake Missoula floods eroded through 300-500 feet of basalt in one to two days suggesting that the rapid erosion of solid rock is very possible.
- In 1976, a baleen whale was found entombed vertically in a quarry in Lompoc, CA.⁶
- The volcanic eruption of Mt. St. Helens in 1980 was a classic catastrophic event which offered insight into multiple factors that would have been operating at the time of the Genesis Flood, e.g., rapid formation of rock strata, canyon systems, polystrate fossils and peat bogs.
- Massive erratic boulders were transported great distances from their point of origin.
- Beach lines from two large ancient lakes near the Grand Canyon are believed to be evidence that after the flood two long lakes spilled over, thus creating the Grand

Canyon. When water overflows a dam, natural or man-made, massive erosion and cavitation occur as was the case with the formation of the Grand Canyon. This is commonly referred to as a breeched damn.

- Pillow lava in Columbia River basalts shows rapid extrusion and cooling suggesting that the lavas were formed in a short period of time and under water, this being consistent with the Genesis Flood event.
- There are few human fossils found on the face of the Earth. Since man is mobile, he likely would have reached hill tops before being caught by the flood waters and therefore would only rarely be trapped and buried in the sediments. Furthermore, if the Earth was billions of years old, human fossils would certainly be more plentiful.

ORDER OF FOSSIL BURIAL

Fossils on the Earth are found on the basis of where the animals lived, their intelligence, mobility and body density. The order would roughly align with fish found in low lying areas and amphibians and reptiles and mammals found at increasingly higher elevations. This, of course, is the exact order that one would expect in a catastrophic event of the global Genesis Flood.

NONSENSE

THE SECULAR VIEWPOINT

- There was no global flood, only a number of local floods.
- The story of Noah is one of the many flood legends or myths reported by ancient peoples around the world.

AUDIO VISUAL RESOURCES

(Dr. Pagels' DVD*)

MIDDLE ELEMENTARY

- DVD – John Daly Fossil Beds. The fossil beds of Oregon's high desert are explored in a 30 minute presentation by Noah Justice of Master Books.*

UPPER ELEMENTARY TO ADULT

- YOUTUBE – Dr. John Whitcomb – The Genesis Flood. This is a 52 minute theological conference lecture by one of the fathers of the creationist movement in America.
- YOUTUBE – Flood Geology. This is a 14 minute YouTube with interesting visuals.
- YOUTUBE – Flood of Evidence – This is Genesis Week. This is a 29 minute lecture dealing with the many evidences against evolution.
- AIG DVD – Global Tectonics and the Flood. This is a 38 minute DVD with Dr. John Baumgardner about the catastrophic and young age of the ocean floor.*
- YOUTUBE - God of Wonders: Scientists Prove Almighty God's Existence. This is an 84 minute beautiful scripturally-supported YouTube by Praise Yahshua.
- YOUTUBE – The Hydroplate Theory – Flood (Newer version!) This 10 minute You Tube by Walt Brown provides a model of how Noah's Flood may have occurred.
- YOUTUBE – Noah's Flood – This is Genesis Week. This is a 29 minute lecture.

- YOUTUBE – Noah's Flood Washing Away Millions of Years. Dr. Steve Austin lectures 71 minutes on the topic offering a biblical perspective.*
- AIG DVD - Noah's Flood. Washing Away Millions of years. This 70 minute presentation is offered by Terry Mortenson.*
- YOUTUBE – Startling Evidence That Noah's Flood Really Happened. Dr. Michael Oard offers a 59 minute conference lecture on the topic.
- YOUTUBE – The Grand Canyon: Evidence for the Flood. This is an 80 minute lecture on the topic offered by Dr. Dave Flang.
- AIG YOUTUBE - The Worldwide Flood. Geologic Evidence. This is a 26 minute lecture by Dr. Andrew Snelling.
- YOUTUBE – Uranium Halos are Proof Noah Flood Laid the Sedimentary Layers. This 59 minute YouTube discusses events and evidences of the Genesis Flood.

NOTES - CHAPTER 5

Regularly used internet materials: Answers in Genesis; Institute for Creation Research

1. Andrew Snelling and Steve Austin, "Startling Evidence of Noah's Flood," <https://answersinGenesis.org/geology/grand-canyon-facts/startling-evidence-for-noahs-flood/>.
2. Tim Lovett, "Thinking Outside the Box," *ANSWERS*, (March 29, 2007), <https://answersinGenesis.org/noahs-ark/thinking-outside-the-box/>.
3. Staff Writer "Facts on Noah's Ark," **Christian Information Ministries**, <http://www.idolphin.org/cisflood.html>.
4. Answers in Genesis staff, "Worldwide Flood Worldwide Evidence." <https://answersinGenesis.org/the-flood/global/worldwide-flood-evidence/>.
5. Free Christian Teaching Staff, "Life on Planet Earth before Noah's Flood," <http://www.freechristianteaching.org/modules/smartsection/item.php?itemid=31#axzz3OhplyATc>.
6. Answers in Genesis staff, "Scientific Evidence for a Worldwide Flood - The Age of the Earth: Part Four." http://www.Earthage.org/EarthOldorYoung/scientific_evidence_for_a_worldwide_flood.htm.

Chapter 6

GOD'S YOUNG EARTH

(The ANSWERS magazine article by Danny Faulkner, David Menton, Georgia Purdom and Andrew Snelling, "10 Best Evidences from Science to Confirm a Young Earth," *ANSWERS*, 7, no. 4: 46-67 was used extensively for this chapter.)

Exodus 20:11 "For in six days the Lord made heaven, the Earth and the sea, and all that are in them, and rested the seventh day. Therefore the Lord blessed the Sabbath day and made it holy."

THE BIG IDEA

**GOD'S UNIVERSE IS THOUSANDS
OF YEARS OLD, NOT BILLIONS.**

SCRIPTURE

Hebrews 11:3 Through faith we understand that the worlds were framed by the word of God, so that things which are seen were not made of things which do appear.

INTRODUCTION

There are literally hundreds of dating methods for the age of the Earth supporting to a young Earth, countering the contrary evidence claimed by proponents of evolution. Lacking observational evidence, forensic scientists make many assumptions about the past using index fossils, the geological column and the unreliable radiometric dating techniques to uphold their theory of evolution which demands that the Earth is 4.6 billion years old.

In 1654, Archbishop Ussher of Ireland, using the genealogical records of Holy Scripture along with secular historical records from ancient civilizations, dated the creation of the Earth at 4004 BC. Although it would impossible to defend an exact date for creation, non-the-less, the Earth has been dated as relatively young, consistent with the biblical time table and not the "millions of years" old as required by the secularist's theory of evolution.

EVIDENCE

RATIONALE FOR A YOUNG EARTH

- **Very Little Sediment on the Seafloor** - The present amount of sediment on the ocean floor can easily be explained by a young age for the Earth and the global Genesis Flood. If sediments have been accumulating on the ocean floor for three billion years, that sediment would be many miles deep.
- **Bent Rock Layers** - In many mountainous areas, rock layers thousands of feet thick have been bent and folded without fracturing. This could not possibly have occurred if the rock layers were laid down separately over hundreds of "millions of years." These layers must have been folded while they were wet and pliable.
- **Soft Tissue In Fossils** - Evolutionists contend that dinosaurs died out 65 million years ago. Dr. Mary Schweitzer, a paleontologist at North Carolina State University, found flexible tissue (microscopic blood vessels) in dinosaur bones and what appeared to be red blood cells with nuclei typical of reptiles and birds. Evolutionists are also puzzled by the "fresh" and unfossilized bone yards of dinosaurs found in Alaska. Realistically, these bones must be relatively recent, not "millions of years" old as required by the theory of evolution.
- **Faint Sun Paradox** - Evidence supports astronomers' belief that the sun's power comes from the fusion of hydrogen into helium deep in the sun's core. The problem is as hydrogen is fused, it should change the composition of the sun's core and gradually increase the sun's temperature. If true, the Earth would have been below freezing 3.5 million years ago when life is claimed to have evolved on Earth. However, the faint sun paradox conforms to a time well within the biblical time line.
- **Rapidly Decaying Magnetic Field** - The Earth's magnetic field, which points essentially in a north-south direction, supports navigation and shields the Earth from the dangerously charged particles of solar radiation. Without it, life on our planet could not exist. Dr. Barnes found that since 1835 the Earth's magnetic field has been decaying at 5% per century. He proposed that the Earth's magnetic field was caused by a decaying electric current in the Earth's metallic core. Calculations indicate that if the current had been decaying for more than 10,000 years its original strength of the core would have been strong enough to melt the Earth, supporting a young Earth perspective.¹
- **Helium in Radioactive Rocks** - A drilling deep in the Precambrian (pre-flood) layer in New Mexico revealed that the zircon in biotitic crystals in the granite were found to yield a uranium-lead "age" of 1.5 billion years. The surprise was that excessively high amounts of helium were also found in the zircon crystals and yielded an age of only 6,000 (+ or - 2,000) years. This means that the uranium decayed very rapidly over the same 6,000 years that the helium was leaking out slowly. The uranium apparently decayed 250,000 times faster than today's measured rate. Furthermore, helium leakage is based on well-known physical laws and is definitely a more accurate dating method than the radiometric "clocks" used by scientists, which are based on unprovable assumptions. This new evidence clearly indicates that radioactive decay rates have not been constant in the past.
- **Carbon-14 in Fossils, Coal and Diamonds** - Carbon-14 (radiocarbon) is a radioactive form of carbon that scientists use to date fossils. It has a half-life of only 5,730 years. In the years from 1984-1998 seventy samples including fossils, coal, oil,

natural gas and marble were analyzed using radiometric dating procedures. They all contained radiocarbon and yielded ages between 20-50 thousand years which was in total contrast to their supposed ages in the 32-350 million year range. It is a fact that the Earth's stronger magnetic field in the past had protected the atmosphere from solar radiation and radiocarbon production. Therefore the carbon-14 ages of all fossils and coal should be readjusted to less than 5,000 years and diamonds readjusted to about 6,000 years.

- **Short-Lived Comets** - Comets spend most of their life span in the deep freeze of space away from the sun. When their orbit comes close to the sun, heat causes much of the comet to be vaporized with dislodged dust that forms a beautiful tail. Each passage near the sun reduces the comet's size and eventually causes it to fade away. The supposed average age of a comet is 100,000 years. This makes perfect sense if the solar system is relatively young, but it makes no sense if the solar system is billions of years old. Rescue devices such as the Oort cloud and Kuiper Belt have been proposed by proponents of evolution to offer a rationale for the present existence of comets.
- **Very Little Salt In The Sea** - Since evolutionists believe the oceans have been around for 3 billion years, the oceans should contain much greater amounts of salt than is the current case. The fact is that the salinity of the oceans is reasonably in line with the biblical time scale of 6,000 years.
- **DNA In "Ancient" Bacteria** - Lazarus bacteria were discovered in salt crystals dated to be 250 million years old. Scientists were shocked to find that the bacteria's DNA was both intact and very similar to that of modern bacterial DNA. Their quandary is quite substantial because, even under ideal conditions, the DNA of the bacterial spores was expected to have broken down. Based on known mutation rates, the DNA in the Lazarus bacteria should be quite different from current bacteria. However, this data is consistent with expectations for a young Earth.

NONSENSE

The Big bang is a theory explaining how the universe came into existence from pre-existent matter. This theory violates the 1st Law of Thermodynamics, namely that matter only converts into energy and vice versa. From a scientific perspective, matter cannot be pre-existent. The big bang theory proposes that 14.7 billion years ago the universe began as a tiny dense point that Stephen Hawking called a "singularity." As the story goes, this mass exploded and spread into space. Then over vast periods of time, the energy of the mass cooled down and condensed to form hydrogen, helium and finally, over time, collapsed to form stars and galaxies. The 2nd Law of Thermodynamics, namely entropy, states that everything in the universe moves from order to disorder. The big bang Theory is simply going the wrong way on a one-way street, namely from disorder to order. There is no support for matter moving from disorder to a state of increased order. Of course, this impossible story is told in an impressive way using highly technical language that is only understandable to individuals who have Ph.D. in physics and cosmology. Simply put, the Big bang theory is just another explanation of how supernatural events have supposedly occurred without the need for the Creator.²

The fact is that the universe is constantly becoming more disordered. This empirically established scientific fact is ignored by secularists. Their rescue device is that the sun provides the energy to drive evolution. The problem is that simply adding energy to a system does not automatically reduce its entropy. Entropy increases under this condition, e.g., your car's paint job, a wooden fence, or decomposing animal carcasses all suggest movement toward disorder, not order.³

AUDIO VISUAL RESOURCES

(Dr. Pagels' DVDs*)

MIDDLE ELEMENTARY

- ICR YOUTUBE – Creation Today: More Evidence of a Young Earth. This 28 minute YouTube with Eric Hovind, an energetic speaker, is presented along with good visuals.
- YOUTUBE – Scientific Evidence for a Young Earth. This 20 minute YouTube offers a pictorial format within its presentation.
- ORIGINS YOUTUBE - Evidence For a Young World Part 1 with Dr. Russell Humphrey. This 26 minutes YouTube offers great evidence from astronomy, oceans and DNA.
- YOUTUBE – The Young Age of the Earth – Documentary. This is a 76 minute movie offering much critical evidence and is beautifully done.
- YOUTUBE – Age of the Earth (Evolution is a Fake Science). This is a 41 minute YouTube providing excellent information on the topic.

UPPER ELEMENTARY TO ADULT

- YOUTUBE - Astounding Evidence for a Young Earth. This is a 57 minute lecture.
- YOUTUBE - Young Earth – Young Universe. This a 67 minute conference lecture.

NOTES - CHAPTER 6

Regularly used internet materials: Answers in Genesis; Institute for Creation Research.

1. Jonathan Sarfati, "The Earth's Magnetic Field: Evidence that the Earth is young," <http://creation.com/the-Earths-magnetic-field-evidence-that-the-Earth-is-young>.
2. Jason Lisle, "Does the Big Bang Fit with the Bible?" *The New Answers Book 2*, 103-110.
3. Tim Wallace, "Five Major Evolutionist Misconceptions about Evolution," <http://www.trueorigin.org/isakrbtl.asp>.

Chapter 7

MT. ST. HELENS

Psalm 104:31-32 May the glory of the Lord endure forever; may the Lord rejoice in his works, who looks on the Earth and it trembles, who touches the mountains and they smoke!

THE BIG IDEA

**A SMALL VOLCANO CAUSED A VARIETY OF
CATASTROPHIC EVENTS IN MERE HOURS.**

SCRIPTURE

Psalm 144:5 "May the glory of the LORD endure forever; may the Lord rejoice in his works, who looks on the earth and it trembles, who touches the mountains and they smoke!"

EVIDENCE

Mt. St. Helens is located in the Cascade Mountain Range in the southern part of Washington State. The Cascade Range is comprised of nearly 20 major volcanoes with over 4,000 separate volcanic vents. A major eruption of this volcano occurred on the morning of May 18, 1980, with the related ash cloud rising 15 miles and ash being deposited over 11 states. The power of this eruption was equal to an atom bomb similar to the one dropped on Hiroshima, Japan, exploding per/second for a period of 9 hours. This eruption resulted in a loss of 1,300 feet of rock at the volcano's summit. The velocity of the steam blast was 200 miles per hour with a temperature of 500 degrees.

This eruption of Mt. St. Helens was deadliest and most destructive volcanic event in United States history. Within six minutes of this eruption 250 homes and 185 miles of highway were destroyed, 10 square miles of forest were toppled and 57 lives were lost.

One can only imagine when the Earth was torn asunder during Noah's Flood, the massive amount of catastrophic transformation that occurred based on Earth's volcanic activity, the destructive of power of water and related depositing of sediment, the relocation of tectonic plates, the folding of the Earth and the building of mountains. Additionally, there was an enormous amount of volcanic dust in the air which resulted in the cooling of the continents and the advent of the Ice Age.

Radiometric dating is used to date materials such as rocks or carbon in which tracer radioactive impurities were incorporated when formed. With Mt. St. Helens erupting on May 18, 1980, molten lava was deposited on surrounding areas offering samples of newly formed rock materials. Samples were subsequently dated using the Potassium-Argon dating technique yielding dates from 340,000 to 2.8 million years. Of course, this is not a particular surprise since where the age of a rock sample is known, it has never been accurately dated. This and other dating of relatively young rocks simply illustrates the total lack of validity and reliability within the radiometric dating process.¹

SPECIFIC OUTCOMES OF THE ERUPTION

- A massive log mat consisting of millions of trees formed in Spirit Lake at the base of Mt. St. Helens. Gradually, these trees sank to the bottom of the lake with some trees eventually standing upright. If Spirit Lake could be drained, it would look like forests of trees growing at different levels and is very similar to formations of petrified trees found at Yellowstone National Park. Of course, secularists report that the Yellowstone petrified forests took "millions of years" to form whereas the formation of trees in Spirit Lake required only a few years.²
- Bark and branches from trees deposited in Spirit Lake accumulated rapidly forming peat at the bottom of the lake consistent with the first stage in the formation of coal.
- A mudflow in March of 1982 eroded a canyon to a depth of 140 feet and a width of 1,000 feet in just 9 hours. This mudflow, caused by a dam breach, carried away boulders the size of a car and deposited 400 feet of strata which solidified into rock. Scientists again, typically claim similar strata would have required "millions of years" to form.
- Recently formed mini-canyons at the north side of Mt. St. Helens, similar to those found in the Grand Canyon, suggest that the Grand Canyon could easily have been formed as a result of a breached dam in a relatively short period of time.

NONSENSE

The doctrine of gradualism/uniformitarianism has claimed that the Earth slowly came into its present form slowly and over "billions of years." Their mantra in this regard is that the "present is the key to the past." The issue is that individuals who believe the theory of evolution stubbornly maintain their position regardless of the evidence to the contrary.

SUMMARY

The volcanic activity at Mt. St. Helens demonstrates that this type of activity produces catastrophic changes over very short periods of time. These included incredible destruction of the land and vegetation around the volcano, peat bogs, massive landslides, rapid formation of rock strata, development of canyon systems and formations of trees similar to the petrified forests of Yellowstone National Park. This contradicts the dogma of "millions of years" promoted by evolutionists for major changes to occur on the Earth's surface and supports the evidence produced by the Genesis Flood which endorses a young Earth perspective.

AUDIO VISUAL RESOURCES

(Dr. Pagels' DVDs*)

MIDDLE ELEMENTARY

- MASTER BOOKS DVD - Explore Mount St. Helens. This 30 minute DVD by Noah Justice discusses this volcanic eruption and helps us understand how rapid formation of stratification, coal formation, petrification of trees, etc.*
- ORIGINS YOUTUBE – Mount St. Helens – Explosive Evidence for Creation. In this 26 minute YouTube Dr. Steve Austin discusses the implications of the topic for creationists.
- YOUTUBE - Polystrate Fossils - Examining the Evidence for Evolution – Dr. Brad Harrub offers this 8 minute excellent YouTube and provides evidence refuting the validity of the geological column including information from Mt. St. Helens.

UPPER ELEMENTARY TO ADULT

- YOUTUBE – A Thousand Years in a Day: The Mt. St. Helens Catastrophe. This is a 48 minute lecture offering much biblical evidence.
- YOUTUBE – Explosive Geological Evidence for Creation: Mt. St. Helens. This is a 85 minute lecture dealing with scientific evidence on the topic.
- YOUTUBE – How the Earth Was Made. Mt. St. Helens. This 44 minute YouTube offers excellent visual effects. No evolutionary content was observed by this reviewer – Review as appropriate for usage.
- ICR DVD - Mt. St. Helens. This 56 minute DVD by Dr. Steve Austin discusses the explosive evidence for a catastrophic altering of the Earth's surface.
- ORIGINS YOUTUBE - Mount St. Helens – Explosive Evidence for Creation. This is a 26 minute lecture with visuals narrated by Dr. Steve Austin.
- YOUTUBE – Mt. St. Helens: Explosive Evidence for Young Earth Creation. This 36 minute YouTube on the Mt. St. Helens site with Dr. Steve Austin offers excellent visuals.
- YOUTUBE – Mount St. Helens Volcano. This 44 minute YouTube offers good visuals on the eruptions and aftermath of this event.

NOTES - CHAPTER 7

Regularly used sources: Answers in Genesis; Institute for Creation Research

1. Brian Thomas, "Monuments of Catastrophe from Mount St. Helens," Acts and Facts (July, 2015): 13.
2. Steven Austin, "Mt. St. Helens and Catastrophism," <http://www.icr.org/article/mt-st-helens-catastrophism/>.

Chapter 8

PLATE TECTONICS

(CONTINENTAL DRIFT THEORY)

Psalms 104 5-9 "He set the Earth on its foundations, so that it should never be moved. You covered it with the deep as with a garment; the waters stood above the mountains. At your rebuke they fled; at the sound of your thunder they took to flight. The mountains rose, the valleys sank down to the place that you appointed for them. You set a boundary that they may not again cover the Earth."

THE BIG IDEA

**THE GLOBAL GENESIS FLOOD CATASTROPHICALLY
SEPARATED THE EARTH INTO THE CURRENT CONTINENTS.**

SCRIPTURE

GENESIS AND THE EARTH

- **Waters Gathered into One Place** - Genesis 1:9 – "And God said, 'Let the waters under the heaven be gathered together into one place, and let the dry land appear: and it was so.'" - This text suggests that at the time of creation there was a single land mass. It is typically understood by scientists of a Christian worldview that the separation of the continents took place as a result of Noah's Flood.
- **Plate Tectonics in Noah's Flood** – Genesis 7:11 – "...on that day, all the fountains of the great deep burst forth...." This refers to geologic faulting. The amazing similarity between sedimentary flood layers in the northeastern United States and those of Britain and Israel suggests that a continental separation occurred, likely toward the end of the Genesis Flood. With tectonic plate movement there would be a deepening of the oceans, which toward the end of the Ice Age, would have been responsible for receiving the massive amount of water generated by the flood and leading to the reappearance of dry land that was previously below sea level.
- **The Dispersion of Peoples** - Genesis 10:25 – "And unto Eber were born two sons: The name of one was Peleg, for in his days was the Earth divided..." Since this passage is within the context of the Tower of Babel account, a reasonable interpretation of the text is that the land was divided among the people due to God's decision to confuse the language. However, some suggest that this passage could refer to the time period in which the sea levels rose, the continents gradually settled

to the point that it was no longer possible to travel from one end of the Earth to the other on dry land. However, the first interpretation seems to make the most sense.

EVIDENCE

TECTONICS

Dealing with the topic of plate tectonics requires that one has some basic understanding of the Earth's geology. The outer layer is called the crust and is 3 to 45 miles thick. The crusts of the continents are primarily composed of sedimentary rock layers which were subjected to folding and distortion in addition to the underlying crystalline rocky basement of granites and metamorphosed sedimentary rocks. The upper rocks on the Earth's surface are sometimes exposed and subject to erosion. Under the crust is mantle, a dense, warm-to-hot, solid rock which extends to a depth of approximately 1,800 miles.

The center of the Earth is composed of a molten core composed mostly of iron. Past geologic processes have divided the Earth's surface into a assortment of rigid blocks called "plates." In the past these plates have moved great distances in relation to each other and are still moving very slowly today. The study of the movements and interactions among these plates is called "plate tectonics." The continents are comprised of low-density materials as contrasted to oceanic lithosphere and are essentially cooler and denser in nature. Therefore, under the right conditions they sink into the mantle below, this being called "subduction. Plate movement causes deforming at the edges of plates due to the horizontal motion including the moving apart, faulting or horizontal slippage along a fault line, but mostly by compression or subduction.

SUPPORT FOR PLATE TECTONIC THEORY

- The jigsaw puzzle fit of the continents when including the continental shelves.
- The correlation of fossils and fossil-bearing strata is found across the ocean basins.
- The mirror image zebra-striped pattern of magnetic reversals in the volcanic rocks of the seafloor parallel to the mid-ocean rift zones in the plates on either side of the zone, are consistent with a moving apart of the plates through the spreading of the seafloor.
- The location of most Earthquakes is at the collision boundaries between two plates.
- Deep seafloor trenches are typically found in conjunction with areas of Earthquake activity, suggesting that an oceanic plate is plunging beneath another plate.
- Volcanic belts, e.g., the Pacific "ring of fire", are adjacent to deep sea trenches.
- Mountain belts are adjacent to plate boundaries.¹

THE EARTH'S TRANSITIONS

Antonio Snider, a creationist, was the first to publish the idea of continental drift; however, his work essentially went unnoticed, being written concurrently to Charles Darwin's *Origin of Species* in 1859. In 1915 Alfred Wegener gained notoriety by embellishing Snider's work in his book, *The Origin of Continents and Oceans*. Wegener understood that the continents appeared to be a big jigsaw puzzle with the coastal lines of South America and Africa appearing to fit together almost perfectly. Therefore Wegener theorized that the Earth was once a single land mass, labeled as Pangea. He described the Earth's crust as broken egg shells or plates moving on a hard-boiled egg. These plates, seven to eight in number, were proposed to have moved apart great distances at one time in the Earth's history.²

Creationists and uniformitarians agree that the Earth was once a single land mass which separated in time. The gradualists theorize that the initial land separated slowly over hundreds of millions of years at about the same speed it is moving today, about two centimeters a year. Creationists maintain the catastrophic viewpoint that at the time of the Genesis Flood the Earth violently separated, ultimately migrating to locations on the Earth reasonably close to their present positions.

CREATIONIST PERSPECTIVE

- **Rodinia** – God's created Earth originally contained a contiguous land mass or continent which has been labeled Rodinia. This term was taken from the Russian word Rodina, meaning "the Motherland." The catastrophic viewpoint would suggest that this land mass was torn apart due to violent forces unleashed during the global Genesis Flood. The core pieces of Rodinia were called "cratons." Specific features within these pieces and their edges helped reconstruct their movement in spite of the fact that much of the original material has been lost.
- **Pangea** – The breakup of Rodinia resulted in its parts crashing together and temporarily forming an underwater supercontinent which lasted no more than weeks, referred to as Pangea (Pangaea). The biblical phrase from Genesis 7:11 refers to this event by saying "...on the same day all the fountains of the great deep burst forth....," thus ripping apart the pre-Flood supercontinent. Geological evidence supports the perspective that the Earth was torn apart during a massive explosion of water and molten rock. The consequent upwelling of molten rock from the underlying mantle then helped to propel the continental fragments across the globe, opening up new ocean basins and colliding to produce today's mountains. Evidence for this event found around the world included folded mountains at the impact zones covered with fossils. A classic example of this is the Appalachian-Caledonian Mountain Range which is made of fossil-bearing sediments deposited early during the Flood. With Pangea being split apart, this range was then divided by the Atlantic Ocean with the Caledonian Mountains now being found in Europe and the Appalachian Mountains in North America. Other examples of fossil deposits found on mountains include the Himalayas and the Andes. With the violent demise of Pangea, the stage was set for the migration and the building of the present day continents.
- **Continents** – Today major land masses on the Earth consist of seven separate continents, formed out of the remnants from the first supercontinent. However, only the cores of Pangea have survived. The remainder of our present continents was filled in by mud and sand that the Flood stripped from the Earth's surface.³ The dynamics of the development of the continents included the rapid and catastrophic movement of the tectonic plates produced during the Genesis Flood resulting in the seafloor spreading and magnetic reversals in the seafloor crust. Computer modeling has shown that the continents could have separated in a matter of weeks. The key to this is the runaway catastrophic rate of sinking of the pre-Flood ocean floor crust after it broke up. This model also provides a mechanism explaining the massive rainfall during the Flood and the presence of fossilized marine creatures on top of mountains and rock layers spread across the continents.⁴

Much data exists that is incompatible with the idea of the uniformitarian approach to plate tectonics. Drillings into the magnetized rock of the mid-ocean ridges shows that a matching “zebra-striped” pattern of the surface rocks does not exist at deeper regions. Instead, the magnetic polarity changed rapidly and erratically, contrary to what would be expected with a gradual formation of oceanic crust. This is consistent with the rapid extrusion of the basalts and rapid magnetic reversals during the Flood. Additionally, one would expect ocean floor sediments in trenches to be compressed due to subduction if this was indeed a gradual process, but the opposite is the case. However, these anomalies are consistent with the chaotic upheaval during the Flood and the slow retreat of floodwaters from continents and ocean trenches fillings with sediment.⁵

Dr. John Baumgardner used world-class computer modeling to demonstrate how the sinking of the edge of a tectonic plate on the ocean floor into the mantle, namely subduction, could have occurred rapidly. The model demonstrated that as the cold ocean crust near the continents began to sink into the mantle, it drew the seafloor onto it. Magma filled the empty spaces producing massive jets of steam that carried large amounts of water high into the atmosphere. As the hot, lower-density magma rose, the new ocean floor would have floated higher than the original ocean crust, displacing the water and forcing it onto the continents. This explains how marine creatures were deposited across the continents and how fossils of marine organisms wound up on the tops of mountains. As the rapidly moving continental plates collided, mountain ranges were formed. Consequently, the seafloor cooled and the ocean basins deepened. Water flowing from the continents would have caused massive erosion and deposited that material onto the continental shelves and the newly formed seafloor. Given this scenario, within weeks the continental plates could have separated and migrated to points near their present locations.⁶

REALIGNMENT CLUES

- **Paleomagnetism** – Exposed to the magnetic field of the Earth, minerals which are magnetic have their lines of magnetic force aligned with the Earth’s magnetic poles. As rocks cool their magnetic alignment is fixed. Thus their alignment can be used to determine the latitudes where they were formed.
- **Rock Type/Content** - Based on their content, rocks can be matched to their origins hundreds, thousands of miles away, and within and even across continents. Fossils and the radioactive decay of certain minerals are also helpful in determining the migration of basic rock materials which is most helpful in putting together the very complex history of the Earth.
- **Debris Deposits** – Flood deposits are sedimentary rocks, found on the interiors and edges of the continents and above the basement or creation rock. Similar sedimentary rocks can be found on continents separated by oceans, supporting the universality of the Genesis Flood. In contrast, creation rocks, igneous in origin, are devoid of multicellular fossils and usually have an erosional boundary separating them from the sedimentary rock layers.⁷

NONSENSE

Gradualists theorize that tectonic plate displacement has been an exceedingly slow process and that it has taken hundreds of millions of years for the Atlantic Ocean to form. Their uniformitarian perspective again is that the “present is the key to the past,” this just being another example of evolutionists using a gradualistic viewpoint to support their worldview describe as historical science.⁸

SUMMARY

The catastrophic plate tectonic theory fits well into the biblical framework of Genesis including Noah’s Flood.⁹ This theory also provides a compelling scientific explanation on a global basis for the order and distribution of fossils, sedimentary strata and the proposition of a young Earth consistent with the Scriptural narrative.

AUDIO VISUAL RESOURCES

(Dr. Pagels’ DVD*)

MIDDLE ELEMENTARY

- AIG DVD – Global Tectonics and the Flood. This is a 38 minute DVD with Dr. John Baumgardner about the catastrophic and young age of the ocean floor.*

UPPER ELEMENTARY TO ADULT

- YOUTUBE - Catastrophic Plate Tectonics: A Global Flood Model of Earth History. This presentation is a 59 minute conference lecture by Dr. Steve Austin.
- CREATION MAGAZINE YOUTUBE - Continual Drift and the Bible. This is a 28 minute discussion between two creationists.
- YOUTUBE – Creation Bytes!: Catastrophic Plate Tectonics. This is a 2 minute explanation of the topic.
- AIG DVD – Global Tectonics and the Flood. This is a 38 minute DVD with Dr. John Baumgardner about the catastrophic and young age of the ocean floor.*
- YOUTUBE – The Hydroplate Theory – The Flood. This is a 10 minute YouTube by Dr. Walter Brown dealing with the topic.

NOTES - CHAPTER 8

Regularly used sources: Answers in Genesis; Institute for Creation Research.

1. Andrew Snelling, “Can catastrophic plate tectonics explain flood geology?” www.answersingenesis.org/articles/nab/catastrophic-plate-tectonics
2. Andrew Snelling, “Can Catastrophic Plate Tectonics Explain Flood Geology?” *The New Answers Book 1*: 186-197, <https://answersingenesis.org/geology/plate-tectonics/can-catastrophic-plate-tectonics-explain-flood-geology/>.
3. Andrew Snelling, “Noah’s Lost World,” *ANSWERS* 9 no. 2 (APRIL-JUNE 2014): 83

4. Roger Patterson, "Genesis 7:11-12 What You Will Learn,"
<https://answersingenesis.org/geology/plate-tectonics/plate-tectonics/>
5. Andrew Snelling, "A Catastrophic Breakup – The Scientific Look at Catastrophic Plate Tectonics," <https://answersingenesis.org/geology/plate-tectonics/a-catastrophic-breakup/>
<https://answersingenesis.org/geology/plate-tectonics/plate-tectonics/>
7. Andrew Snelling, "Noah's Lost World," *ANSWERS* 9 no. 2 (APRIL-JUNE 2014): 83.
8. A Steve Austin, John Baumgardner, Andrew Snelling, Larry Vardiman and Kurt Wise, "Catastrophic Plate Tectonics: A Global Flood Model of Earth History,"
<http://www.icr.org/article/catastrophic-plate-tectonics-flood-model>
9. Steven Nevins, "Continental Drift Plate Tectonics, and the Bible,"
<http://www.icr.org/article/continental-drift-plate-tectonics-bible/>.

Chapter 9

THE ICE AGE

(The Answers magazine article by Michael Matthews, Marcus Ross, Andrew Snelling and Larry Vardiman, "Mysteries of our Frozen Past," *Answers*, 8 no. 2: 46-59, was extensively used in this chapter.)

Exodus 6:7 "I will take you to be my people, and I will be your God, and you shall know that I am the Lord your God who brought you out of the burdens of the Egyptians."

THE BIG IDEA

ONE ICE AGE TRANSPIRED DURING THE EIGHT GENERATIONS FROM NOAH TO ABRAHAM.

SCRIPTURE

JOB, ANCIENT SCRIPTURE

- Job is often described as nature's poet. Bishop Ussher, in his biblical chronology, placed Job at appropriately 300 years before Abraham.
- **Job 37:9-10**, "From its chamber comes the whirlwind and cold from the scattering winds. By the breath of God ice is given, and the broad waters are frozen fast."
- **Job 38:29-30**, "From whose womb did the ice come forth, and who has given birth to the frost of heaven? The water become hard like stone, and the face of the deep is frozen."

EVIDENCE

CIVILIZATIONS AFTER THE GENESIS FLOOD

According to Archbishop Ussher's biblical chronology, the Flood occurred in 2349–2348 BC, and Peleg was born in 2247 BC, about a hundred years later. A reference to Peleg is found in Genesis 10:25 with the comment, "...in his days was the Earth divided....," typically considered to be a time of the scattering of peoples who had settled in the region near Babel.¹ In terms of a general perspective, it has been suggested that the first examples of the written word occurred about 2500 BC and that Moses was born about

1750 BC. Of course, it was Moses who wrote the Pentateuch based on the oral tradition that was passed down to him.

Noah's family increased in numbers for nearly 100 years following the Genesis Flood, settling in the Persian Gulf region near a location called Babel. There Nimrod, son of Cush and great-grandson of Noah, spearheaded an endeavor to build a tower to reach to heavens. In this rebellion against God, the Lord miraculously scattered the peoples by confusing their languages. Consequently, they could not communicate, resulting in their abandoning the tower project and with groups of people dispersing outward from that region eventually to the rest of the world as reported in Genesis 11:1-9.²

The sons of Noah represent the three great people groups of mankind migrating from Babel, namely Shem, Ham, and Japheth. Shem, the oldest of Noah's sons had five sons and was the father of the Semitic nations of essentially Asia, namely the Persians, Assyrians, Babylonians, Libyans and Syrians. Ham, having four sons, was the father of the African nations including the Ethiopians, the Egyptians (Mizaim), Libyans, and the Canaanite peoples. Noah's youngest son, Japheth, was the father of seven nations including the Cimmerians, Scythians, Medes, Javans, Tubals, Meshech and Tiranns, namely the Europeans and some of the Asian peoples.³ Nations finding their origin in Babel, namely Babylon, Egypt, and Greece, each spoke a different language. Nations closest to Babel were the first to be founded as contrasted to Greece, the farthest away, was founded last which supports the concept of people migrating away from the central point of Babel.⁴

Ancient records report that Egypt was founded in 2188 BC, following the Babel dispersion. Although secularists provide a chronology very divergent from that of Scripture, historical records confirm the biblical genealogical records. One example is that in 331 BC Alexander the Great traveled to Babylon and received 1,903 years of astronomical observations from the Chaldeans dating back to the founding of Babylon at 2234 BC, about thirteen years after the birth of Peleg. This material was confirmed not only by Simplicius, a Latin writer in the 6th century AD, but also by Porphyry, an anti-Christian Greek philosopher who lived from 234–305 AD.⁵

The founding of Egypt fits well into a biblical perspective. Constantinus Manasses, a Byzantine chronicler, reported that the Egyptian state lasted 1,663 years. Considering that Persia conquered Egypt in 526 BC, this establishes 2188 BC as the founding year of Egypt about 60 years after the birth of Peleg. In Psalm 105:27 Egypt is referred to as "the land of Ham," referring to Mizraim, the son of Ham. Furthermore, Manetho, who recorded the history of Egypt in the third century BC, reported that the Tower of Babel occurred five years after the birth of Peleg, again supporting a biblical timeline.⁶

Interestingly, the pyramids of Egypt resemble many other ancient ziggurats styles associated with Babel. The fact is, the Greek historian Herodotus of the 5th century BC once visited Babylon and described a ziggurat structure having eight levels, and standing a colossal 60 meters high, about the height of 20 modern stories.⁷ Ziggurats and their variants have been found in many parts of the world from the Mesopotamian area to the Mayans and Aztec regions in South America. The original tower at Babel could explain why we see ziggurat-shaped structures by peoples who scattered from Babel including the Mayans, Aztecs, and to Mesopotamia, Egypt and China. The Hebrew word for tower is flower bed which implies a pyramidal shape similar to a ziggurat.⁸

FROM NOAH TO ABRAHAM - Genesis 10:21-32

- Noah - God's global flood.
- Arphaxad - Some would suggest that forests were growing in Antarctica at this time. However, Dr. Michael Oard's hypothesis is that a floating log-mat model accounts for the current distribution of plant deposits in this continent.⁹
- Salah - Antarctica icebound.
- Eber - Mastodons roamed various parts of the Earth and a settlement at was established Babel.
- Peleg - There was a division of the languages. Evidences are found of the first tools, human fossils, woolly mammoths and the beginning of the Ice Age.
- Reu - Waters drained from the North Sea, Bering Strait and Persian Gulf due to massive evaporation occurring during the Ice Age. Stone tools improved rapidly. The Neanderthals in Europe lived during the generations of Rue and Serug.
- Serug - Humans spread to Australia, mammoths enter North America and the Ice Age reached its height.
- Nahor - The first settlements and villages were founded in Mesopotamia.
- Terah - Humans entered the Americas. The first cities came into existence and Abram (Abraham) was born in Chaldea.

THE ICE AGE IN PERSPECTIVE

The global flood was a catastrophe of massive proportions. It was characterized by torrential rain from above and waters from below. The fracturing of the Earth's mantle along with volcanism of massive proportions is believed to have occurred in conjunction with colossal tectonic plate movement and the separation of a single land mass culminating in the current continents.¹⁰ In addition to the 70% percent of the Earth being covered by sediments, sometimes a mile and a half deep, massive deposits of oil and coal also resulted from the burial of fish and vegetative matter. At first it would seem like a conundrum that the Antarctic region would be inundated with massive amounts of vegetative matter considering its current polar climate. However, given the events at Mt. St. Helens in 1980, following its eruption and massive log mats forming in Spirit Lake, it is not difficult to understand how massive floating log mats from the lower latitudes could end up in other parts of the world including the Antarctic regions.

Following the flood, there were four generations from Noah to Babel. Keeping in mind man's longevity at this time in God's history, the Babel event would have occurred about a century after the global Genesis Flood. During this time the animals spread to the ends of the Earth and their remains are typically found lower in the Earth surface than those of humans.

Within this context, climatic conditions would have been ever changing. Crustal movements during the Genesis Flood would have released hot water in conjunction with lava flows, therefore adding to the temperature of the oceans from pole to pole. Volcanic ash trapped in the stratosphere for several years following the Genesis Flood, reflected sunlight back to space and caused cooler summers over large land masses of the mid and high latitudes. The warm ocean heightened evaporation from the ocean's surface,

dropping moisture on the cold continents and resulting in unremitting snowstorms. Volcanic activity during the Ice Age gradually declined as the Earth stabilized. Ultimately, this scenario which followed the Genesis Flood was an excellent formula in a relatively brief period of time for the development of glacial ice.

The beginning of the Ice Age, called the Pleistocene epoch, coincides with the building of the tower of Babel. The confusion of tongues was a supernatural event that God used to disperse his people throughout the world as illustrated in the following passages: Genesis 11:6-9, "And the Lord said, 'Behold, they are one people and they have all one language... Come, let us go down and confuse their language, so that they may not understand one another's speech.' So the Lord dispersed them from there over the face of all the Earth...."

During this time, ice covered about 30% of the world including northern Europe, Canada, much of the northern United States and parts of New Zealand lasting approximately 700 years. Although secularists suggest multiple ice ages, a single ice age fits well within the biblical time frame.¹¹ Much evidence of the Ice Age has been left on the land including the Earth being scraped and reshaped by the movement of the glaciers across the land forming lakes, transporting massive boulders and depositing rocks and soil. With slow warming conditions occurring over time, the Earth's weather patterns came to be much like they are today.

The climatic factors of the Ice Age resulted in the lowering of the oceans approximately 600 feet and the continents being connected by dry ground between England and Europe and Asia to North America across the Bering Straits. This permitted man and animals to cross between these continents and live on the plains between them. These events coincided with the dispersion of peoples at Babel and the establishment of ethnic groups. As has been evidenced with the animals, inbreeding within localized groups of people produced particularly identifiable physical characteristics most evident in the peoples around the Earth. Therefore we find various ethnic groups of man scattered over the entire Earth.

Two settlements of peoples emerged during the Ice Age, namely the Neanderthal and Cro-Magnon man. Prior to the Ice Age, no tools or fossils had been discovered; however, those that have been found from the Ice Age predate Abram (Abraham).

The Neanderthals were woodland dwellers native to Europe and the Near East. Their short, squat bodies were well suited to the cold climates and their implements included spears and heavy tools. The variances in Neanderthals in different parts of the world were apparently due to the differing amounts of sunlight which limits the production of Vitamin D creating related deficiencies which impact patterns of growth. This is not surprising since during the Ice Age, light from the sun was differentially obstructed at various latitudes. The brain capacity of a Neanderthal was 13% larger than modern humans and they had an average height of 5'9." Early artist drawings of this people were typically distortions of the Neanderthal's true image.

In 2004, it was discovered that Dr. Protsch, a professor of anthropology at Middle Tennessee State University, had been "forging and manipulating scientific facts" concerning Neanderthals for over 30 years. This expert in carbon-14 dating evaluated two Neanderthal specimens and offered ages of 21,300 and 27,400 years, respectively, placing the Neanderthal within the evolutionary timeline. Later dating resulted in dates of 3,300 and 260 years, obviously placing this people well within the ranges of modern man and biblical history. It is a given that there is intense pressure for secularists to only produce results that are consistent with their theory of evolution.

The counterparts of the Neanderthals were the Cro-Magnons. They looked much like us. Their campsites are found over vast areas of the plains. Fossils of Cro-Magnons were found in south-west France near Les Eyzies in 1868. Even among evolutionists, there has been little dispute that the Cro-Magnons were, for all practical purposes, very similar to modern man with the exception of some distinctive ethnic characteristics. From an evolutionary perspective, Cro-Magnon Man lived in the late Stone Age about 10,000 to 40,000 years ago. He was pictured as being subhuman, living in caves and pre-dating biblical history. The truth is that Cro-Magnon Man lived in huts, constructed kilns, baked pottery, used tools made of bone, flint and ivory, made musical instruments and conducted rituals. His greatest achievements were in the arts.¹²

Genetic footprints have been used to establish that man first came out of Africa and from there ultimately migrated throughout the Earth. Man's first fossil evidence was found in Ethiopia with migrations moving from that point, apparently during the Ice Age.

The animals of the Ice Age were markedly larger than those we see today. Examples of height at the shoulders include: seven foot elk, five foot bears, twelve foot camels, giant sloths, mammoths and saber toothed tigers. Scientists suggest that their greater size helped them retain body heat. Of course, Ice Age animals had other genetic resources helping them survive in the harsh climatic conditions including considerable fur to retain body heat. After the Ice Age, many of these animals were apparently unable to adapt to their new environment and therefore became extinct. Within the four generations following the dispersion at Babel, the Bible reports that Abram (Abraham) herded domestic animals including sheep, camels and donkeys. Of course, all of these animals would have been on the ark during the global Genesis Flood.

The Sumerian civilization of the Early Bronze Age lived between the Tigris and Euphrates Rivers in what is now modern-day southern Iraq and Kuwait. The earliest historical records in the region are dated at about 2900 B.C. Within this developing society, one of the groups was a nomadic Semitic group which lived in tents and shepherded sheep and goats. Abram (Abraham), of Ur of Chaldea, was a member of this group.

More than sixty theories have been advanced attempting to explain the Ice Age. This suggests a considerable amount of confusion among evolutionists. Meteorologist, Michael Oard, contends that the evidence prohibits the theory of multiple ice ages and argues for one catastrophic icy era resulting from the Genesis Flood. Bernard Northrup, who has studied the geologic evidence from coast to coast and abroad, has a similar view and argues that the historical period, alluded to in the book of Job, is consistent with the "young Earth" timeline in Scripture.¹³

NONSENSE

THE SECULAR VIEW OF THE ICE AGE

- The biblical record is a myth and has no place in world history.
- Cave men were our man's pre-human ancestors.
- Multiple ice ages occurred over the eons of time in our 4.7 billion year-old Earth.

SUMMARY

Although there are still many questions about prehistoric times, this era fits well into the biblical perspective. The global Genesis Flood was a catastrophic event affecting the Earth in many ways. Volcanic activity during and following the flood led to the sun's light being partially obstructed which resulted in massive snowfalls on the continents and the formation of glaciers. Four generations after the flood, God used the Babel event at the onset of the Ice Age to disperse mankind throughout the Earth. Two notable groups of people during this time were the Neanderthals and the Cro-Magnons. The animals were larger in size and genetically adapted to their colder environment. The Ice age affected the northern and southern latitudes of the Earth and had ended by the time of Abraham.

AUDIO VISUAL RESOURCES

(Dr. Pagels' DVD*)

MIDDLE ELEMENTARY

- AIG YOUTUBE – Explaining the Ice Age. This is a 24 minute audio YouTube based on an “Answers” article.
- Master Book DVD - Yosemite & Zion National Parks. This 30 minute Noah Justice DVD deals with the formation of land forms, erosion and on relative the Ice Age.*

UPPER ELEMENTARY TO ADULT

- AIG YOUTUBE - Ice Age – Creation Museum. This 3 minute YouTube by Dr. Michael Oard offers excellent visuals.
- YOUTUBE - The Ice Age – Part 1, Dr. Michael Oard. This is a 14 minute lecture.
- DVD - The Great Ice Age. Dr. Michael Oard offers the rationale for a single Ice Age as flood aftermath explaining it from a biblical perspective via two DVDs, each of which is about 30 minutes. The first is an introduction to the topic and the second is evidence that the Genesis Flood produced the Ice Age.
- YOUTUBE - The Ice Age: Only the Bible Can Explain It. Dr. Michael Oard offers a 44 minute conference lecture on the topic.
- DVD – The Great Ice Age. Dr. Michael Oard presents a three part DVD including an introduction, evidence for the Genesis Flood producing the Ice Age and a focus on one Ice Age. This is an Awesome Science Media production.
- YOUTUBE - The Mammoth and the Ice Age – Mike Oard. This is a 26 minute lecture on the topic.

NOTES - CHAPTER 9

Regularly used internet materials: Answers in Genesis; Institute for Creation Research.

1. Michael Oard, “The paradox of warm-climate vegetation in Antarctica,” <http://creation.com/the-paradox-of-warm-climate-vegetation-in-antarctica>.
2. Michael Oard, “The Ice Age and the Genesis Flood,” <http://www.icr.org/article/272/>.

3. Michael Oard, "Where does the Ice Age fit?"
<https://answerinGenesis.org/environmental-science/ice-age/where-does-the-ice-age-fit>.
4. Carl Wieland, "Cro-Magnon – not a club-wielding brute,"
<http://creation.com/cro-magnon-not-a-club-wielding-brute>.
5. Wayne Jackson, "The Woolly Mammoth and the Ice Age,"
<https://www.christiancourier.com/articles/848-woolly-mammoth-and-the-ice-age-the-Age-of-the-earth>.

Chapter 10

DATING TECHNIQUES

(A HOUSE OF CARDS)

Mark 10:5-6 And Jesus said to them, But from the beginning of the creation God made them, male and female.
(And also Matthew 19:4)

THE BIG IDEA

**THE “MILLIONS OF YEARS” OF EVOLUTION IS SUPPORTED
BY INVALID, UNRELIABLE DATING TECHNIQUES**

SCRIPTURE

Genesis 1:14 “And 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.”

Bishop Ussher (1581 to 1656) was an Irish scholar who published a chronology that proposed the date of creation to be 4004 BC. He used biblical genealogies along with the histories of the Persians, Greeks and the Romans to develop this chronology. Other sources used were records of astronomy, ancient calendars and historical events coinciding closely with Scriptural references. Although some would take issue with the correctness of this chronology which is an extrapolation from Scripture and therefore not canonical, his work clearly supports the young Earth perspective. In contrast, evolutionists require the “millions of years” to uphold their secular worldview.

RECENT GEOLOGIC THEORIES & CONTARY EVIDENCE

Since the beginning of the Enlightenment, there has been a growing effort to discredit the authenticity of Scripture in spite of evidence to the contrary. The following provides historical background information in that regard:

- Nicolaus Steno, in 1669, devised the three basic rules used by geologists in examining field evidence. He also theorized that the fossil record was a chronology of creatures and eras that were later used to support Darwin’s theory of natural selection.
- Baruch Spinoza (1632-77), a Dutch philosopher, laid the groundwork for the 17th century Enlightenment and modern biblical criticism. Challenging Scripture, he proposed that human reason and naturalism were preeminent to the supernatural events in of Bible. One of his challenges to Scripture was to suggest that it was Ezra, not Moses, who wrote the Torah.

- James Hutton, in the 1790's, claimed that the Earth was transformed by imperceptibly slow changes.
- William Smith, in 1815, devised a map correlating fossils to rock strata.
- Mary Anning, in 1823, discovered an ichthyosaur fossil eye and used it as a magnifying glass and also made use of ink from a cuttlefish she discovered, this being the first recorded find of soft tissue among fossils.¹
- Charles Lyell, a lawyer, activist, and close friend of Charles Darwin and James Hutton, were credited as the fathers of uniformitarianism/deep time which promoted the idea that the universe was "millions of years" old. Lyell and Hutton's goal, like Spinoza, was to reject Scripture and the supernatural and replace them with naturalism. Their efforts were a major blow to catastrophism and the global Genesis Flood. Lyell's book in 1863, *Geological Evidences of the Antiquity of Man*, proposed that environmental changes cause ecological shifts.
- John Philips, in 1841, published the first global geological time scale based on the types of fossils found in each era, namely: Paleozoic – invertebrates, land plants and amphibians; Mesozoic – Reptiles; and Cenozoic – mammals.
- Charles Darwin, living from 1809 to 1882, published the *Origin of Species* in 1859. In this work he attempted to prove that all species descended over time from common ancestors. Darwin's five-year study on the HMS Beagle brought him to the Galapagos Islands where he made many of his observations about unique specializations in animal life on the islands including the finches which were later named after him. In the *Descent of Man* in 1871 Darwin's focus was whether man descended from lower species and the differences among the races.
- Robert Chambers, in 1887, suggested that rock layers gave evidence of deep-time, that the fossil record showed a progressive ascent of animals and popularized the gap theory which advocated major gaps involving "millions of years" in the Genesis account to harmonize secular thought with the creation account of Scripture.
- Henri Becquerel, living from 1852 to 1908, discovered radioactivity in 1907. The technology was integrated into the geologic column as "gospel" and led secularists to believe that they had an accurate dating method for supporting their timeline regarding their interpretation of the events in the history of the Earth.
- Charles Sternberg, living from 1850 to 1943, discovered a hadrosaur mummy, a duck-billed dinosaur skin attached to bones. This evidence is contradictory to the idea of "deep time," but supports the Genesis Flood account.
- Arthur Holmes, living from 1890 to 1965, pioneered radioactive dating of minerals, published the first absolute dates for the geologic column and pioneered the acceptance of plate tectonic theory.
- Roy Andrews, living from 1884 to 1960, uncovered dinosaur bones joined by tendons in China's Gobi Desert as did Polish researchers in 1966. Again, such finds contradict the evolutionary idea of "deep time."
- Willard Libby, living from 1908 to 1980, developed the concept of radiocarbon dating in 1947 which was updated in 1977.
- John Whitcomb and Henry Morris wrote *The Genesis Flood* in 1961 which became a best-seller among Young Earth Christians and launched the modern creationist movement around the world.
- Henry Morris founded the Creation Research Society in 1963, a society of scientists and laymen dedicated to the scientific study of special creation, i.e., that the entire universe came into existence by the divine decree of God.
- Ken Ham, a native Australian, founded the Answers in Genesis and the Creation Museum in 2007. His focus is on the literal interpretation of Scripture and Young Earth creationism.

- Italian researchers, in 1998, found dinosaur muscle tissue providing additional evidence against “deep time” of secularists and favoring the biblical timeline.
- Mary Schweitzer, a paleontologist at North Carolina State University in 2007, found soft tissue and what appeared to be red blood cells with nuclei typical of reptiles and birds inside the thigh bone of a Tyrannosaurus Rex. This greatly perplexed secular scientists because it did not support their evolutionary timeline.
- In 2014 European researchers analyzed chitin fibers in Precambrian marine worm fossils offering additional soft tissue evidence supporting a Young Earth.

EVIDENCE

Gradualists demand that geological events conform to their philosophical position that the formation of stalactites and stalagmites in caves required “millions of years.” Of course, this is a pervasive perspective attached to the theory of evolution and applied to the formation of the sedimentary rocks on the Earth, the formation of coal and oil, the differential levels of trees found in Yellowstone National Park, the formation of stars and the supposed development of man via evolution. The information below is just another example of information that refutes the primary premise of those who attempt to uphold the philosophy of uniformitarianism.

RAPIDLY FORMED GEOLOGICAL FEATURES²

Source/Location	Example	Result
Jenolan Caves, New S. Wales	Active stalagmites	3 mm in 30 years
Sequoia Caverns	Stalactite growth for 10 years	One millimeter
Lincoln Memorial	Column growth for 25 years	4 feet
G. R. Clark Memorial	Duration - 40 years	11 foot columns
Wood to stone	Duration - 10 years	

DEFINITION OF RADIOMETRIC DATING

Radiometric dating offers ages for geological specimens by determining the relative proportions of radioactive isotopes present in a sample. The most common dating techniques include Uranium-lead, Chlorine-36, Fission trace, Samarium-neodymium, Potassium-argon, Rubidium-strontium, and Uranium-thorium. Radioactive substances decay over time. Radioactive dating involves measuring the amount of parent and daughter substances in the samples and making comparisons between them. The hourglass analogy is a helpful tool in visualizing how isotopes deteriorate.

RADIOMETRIC DATING ASSUMPTIONS

- The original amounts of daughter and parent radioisotopes are known.
- No contamination of the parent and daughter isotopes has occurred.
- A constant decay rate has occurred.

RADIOMETRIC DATING RESEARCH

In 1982 Dr. Robert Gentry found amazingly high retentions of nuclear-decay-generated helium in microscopic zircons (ZrSiO_4 crystals) recovered from a borehole in Precambrian granite at Fenton Hill, New Mexico. In 2001 the RATE group contracted with a high-precision laboratory to measure the rate of helium diffusion from these zircon crystals. Combined rates of dispersion and retention offered a helium diffusion age of 6000 ± 2000 years. This contradicts the uniformitarian age of 1.5 billion years based on nuclear decay products in the same zircon crystals. This data strongly supports episodes of highly accelerated nuclear decay occurring in only thousands of years. Such isotopic accelerations shrink the radioisotope time of “billions of years” down to a biblical timescale.

PROCEDURES FOR RADIOMETRIC DATING OF SAMPLES

- A sample rock from a fossil bearing is obtained.
- The geologic column is examined to find the related “index fossil” for that rock strata.
- The presumed “age” of the rock is then selected from the geologic chart.
- The rock is evaluated with a number of different radiometric dating procedures which can typically yield vastly differing results.
- The radiometric date closest to the date found on the geological chart is considered to be the true age of the rock.
- Remaining results are discarded because they are considered to be contaminated.
- Conversely, when starting with a fossil rather than a rock, the process is reversed by checking the geological column to find where the fossil occurs on the column, thus using the age of the rock to date the fossil. The closest radiometric measure to the fossil is the used to establish its age. This process is a classic case of circular reasoning, i.e. A equals B and B equals A suggesting that the radiometric dating process is essentially meaningless.

With a volcanic eruption, there is the related displacement of rock. The term, “he blew his top” is something that we typically think of in terms of human behavior. However, with a volcanic eruption, it obviously refers to the loss of material that previously enclosed the volcano. In contrast, there is also magma that is expelled in the form of various crystalline rocks that cool and after an eruption. It is this rock that scientists examine to determine the relationship between the supposed parent and daughter elements based on various tests which analyze the amount of deterioration of radioactive elements within samples. Therefore, according to their analysis and related perspectives such as the geologic column, it is claimed that they can determine the amount of radioactive decay and hence, the relative age of the igneous rock material. The table below uses the results of their sophisticated testing procedures and compares their results to the actual age of rocks. The dates offered of the rocks via the “scientific testing” in contrast to the actual dates of the extruded rock samples based on the volcanic eruptions are uncontrovertibly different, clearly confirming that the results of radiometric testing are neither valid nor reliable.

ACCELERATED NUCLEAR DECAY RATES

Cavitation is caused by shock waves in rapidly moving water. Research has found that cavitation has accelerated the nuclear decay of thorium (Th228) by a factor of 10,000 times during a 90 minute experiment. Whether cavitation was involved in the accelerated nuclear decay of Earth's past is unknown; however, it is obvious that the stability of radioactive decay is open to question along with the vast ages these results assign. There is a natural nuclear reactor in Gabon, Africa, where decay rates also give evidence of being greatly accelerated. Similar conditions caused by the heating of ocean water due to massive volcanic activity during the Genesis Flood would also generate great ages by radiometric dating methods.⁴ Additionally, hydrothermal waters a few hundred degrees centigrade can facilitate chemicals to easily moving from one rock to another, thus resulting in unreliable radiometric results.

UNRELIABLE RADIOMETRIC DATING RESULTS

Source	Radiometric Results³	Actual Age
Mt. St. Helens	350,000 to 2.8 million years	Erupted May 18, 1980
Mt. Ngauruhoe, New Zealand	270,000 to 3.5 million years.	Less than 60 years old
Mt. Etna, Sicily	25 million years.	Erupted 2,100 years ago
Mt. Hualalai	1.4-22 million years.	Erupted 200 years ago
Grand Canyon	Similar geological ages are offered on top and bottom of canyon	

ICR'S RADIOMETRIC RESEARCH

Seven scientists associated with the Institute for Creation Research completed an eight-year research project titled Radioisotopes and the Age of the Earth (RATE). Their objective was to gather data commonly ignored or censored by the scientific community in dating rock samples. The group found incredible evidence that supports the Young Earth perspective, as offered below:⁵

- Conventional dating methods are highly inaccurate, inconsistent and cause considerable disagreement between different radiometric methods for a rock sample.
- Rocks of a known age from relatively recent volcanic eruptions are assigned a variety of ages within an "Old Earth" perspective.
- Decay rates can fluctuate based on solar activity.⁶
- There is strong evidence the nuclear decay rates, upon which the typical "millions of years" is based, appear to have been greatly accelerated during the past.⁷

RADIOCARBON (CARBON-14) DATING

Carbon-14 (C-14) dating is a method of dating invented by Willard Libby in the late 1940's which soon became a standard tool for archaeologists. This method is based on animals and plants absorbing radiocarbon, an isotope of carbon, while they are alive. With death, the C-14 decays over time until it is non-existent. Carbon-14 dating has been found to be relatively accurate for dating organic samples up to 50,000 years. Given the views of secular evolutionists, no C-14 should be found in organic materials such as coal, wood and bones associated with materials that are proposed to be "millions of years" old.

RADIOCARBON DATING OF DIAMONDS

Diamonds, the hardest substance known to man, form deep in the Earth and are highly resistant to contamination. Originating a hundred miles down in the Earth, the diamonds are brought to the surface by volcanic activity. They are typically radiometrically dated in the 1 to 3 billion years range; however, the C-14 dating of diamonds offers ages of less than 58,000 years.⁸ The chart below is just another example of the total lack of validity and reliability of radiometric test results using diamonds to make comparable analysis between typical radiometric testing and using C-14 results.

COMPARING RADIOMETRIC AND RADIOCARBON DATING OF THE SAME SOURCE MATERIALS

Source of Test Results	Radiometric Results	C-14 Age In Years
Jurassic period fossilized wood in limestone	189 Million	4500
Deep Earth coal (Metamorphosed plants)	Millions	Thousands
Deep Earth diamonds containing C-14	1-3 billion	6,000
Dinosaur bones containing C-14		6,000 to 60,000 ⁹
Fossilized wood	40-250 Million	30,000-45,000
Material and wood in rock layers near dinosaurs	Millions	34,000
Wood adjacent to basalt	45 Million	45,000
Dating of shells of living snails		27,000
Freshly killed seals		1,300
Fossils, coal, oil, natural gas, and diamonds	32-350 Million	5,000
Organic materials such as limestone	Millions	Detectable C-14
10 coal layers of Cenozoic, Mesozoic, and Paleozoic origins		Detectable C-14
12 samples of diamonds	Millions/Billions	Detectable C-14

PROBLEMS WITH RADIOCARBON DATING

- It is assumed that the ratio of atmospheric C-14 to C-12 has always been at the same as is found today. Dr. Willard Libby, the inventor of radiometric testing, assumed the

C-14 to C-12 ratio to be constant based on his belief in evolution; however, C-14 was not at an equilibrium in the 1940's and it would take up to 30,000 years for this to occur. Since Dr. Libby attributed this discrepancy to experimental error, the ages he offered for his test samples were inappropriately old.

- The Earth's magnetic field, which protects us from radiation from outer space, is about 10 percent weaker than it was in 1845. With less C-14 accumulation in the past, the C-14 dating method using current amounts of the isotope as a standard, results in older dates of samples than is truly the case.¹⁰
- The Genesis Flood would also affect the amount of C-14 in our atmosphere. The abundance of fossil fuels indicates that prior to the flood the biosphere may have had 500 times more carbon "fixed" in living organisms than is found today. This would result in levels of atmospheric carbon being much less than is currently present. Therefore, the C-14 dates being offered through present testing methods may be ten times greater than their true age. Using a more realistic pre-Flood C-14 to C-12 ratio reduces the calculated age of the Earth using the C-14 dating method to about 5,000 years.

VARVES – ALLEGED PROOF FOR AN OLD EARTH

A varve is defined as an annual layer of sediment on the bottom of a glacial lake. Varve counts are typically used to support the premise of an Old Earth. The Green River Shale of Utah, Wyoming and Colorado is one example. However, the major problem with this site is that the millions of fish and bird fossils from various habitats found in the shale are suggestive of rapid burial within flood conditions.¹¹ Mt. St. Helens eruption in 1980 produced 25 feet of finely-layered sediment in a single afternoon, clearly undermining the idea that extensive periods of time are required for multiple layering in rocks to occur.¹² However, few knowledgeable geologists still cling to the idea of one varve equaling one year, since there are numerous circumstances under which varves develop over short periods of time including non-seasonal events such as storms, floods, turbidity currents, glacial meltwater and spontaneous segregation of dissimilar materials. Additionally, simulated bottom-hugging density flows are capable of developing layering almost instantaneously.

Lake Suigetsu in Japan appears to be one of the prime examples used by Old Earth proponents in support of their perspective regarding varves.¹³ Young Earth creationist Michael Oard's response to the Lake Suigetsu site is that varves do not support an Old Earth perspective because rapid sedimentation from catastrophic events can cause multiple varves to form over brief periods of time due to catastrophic events like Noah's Flood and the great Ice Age. Furthermore, the use of C-14 in supporting the premise of varves forming at Lake Suigetsu is unreliable because Noah's Flood altered the ratio of C-14 to C-12.¹⁴ John Morris of the Institute of Creation Research reports that all of the problems associated with the Lake Suigetsu site will not be solved by uniformitarian thinking, but rather by the global Genesis Flood of Noah's day and its aftermath.¹⁵

In the contentious battle over the validity of varves, Old Earth creationists claim over 100,000 varves at the Lake Suigetsu site. Being subjected to much study over the years, Lake Suigetsu appears to eliminate some of the oppositions to the theory of varves that are innate in various other settings. For example, the lake has high cliffs on all sides protecting it from wind, floods and storms. A single river via another lake insures that

only the finest sediment enters the lake. Strong seasonal differences occur producing alternating bands of materials. The very bottom of the lake's deoxygenated prevents the growth of organisms on the lake bed.¹⁶ However, since proponents of evolution demand "millions of years" within the Earth's history, one would wonder if a mere 100,000 years discredits their position.

Attending a symposium at a Christian Church in Michigan, the two speakers from Solid Rock Lectures (Earth as God's Creation) introduced their topic by reporting that they were Bible-believing Christians and moved on to explaining the nature and value of varves. This writer found this very curious since these Ph.D. geologists, having extensive experience with radiometric testing, pivoted to the construct of varves in building a foundation for their presentation. Purchasing the speaker's book, *When Faith and Science Collide* (A Biblical Approach to Evaluating Evolution and the Age of the Earth), their perspective was clarified. The author, Greg Davidson, was a graduate of Wheaton College in Illinois. This is the same college from which Billy Graham, an Old Earth Creationist, graduated from with a degree in anthropology. Offered are a number of excerpts from Dr. Davidson's book which shed light on the speaker's perspective and also serves as a case study into Old Earth Creationism:

- "We will make a similar approach with Genesis 1 and 2. The literary style of these chapters is not unequivocally historical narrative," (page 38) – Of course, the work of Hebrew scholars Stephen Boyd and Robert McCabe, using statistical analytical procedures, do not support this contention.
- "Evidence suggests that life began on Earth roughly 3.5 billion years ago...." (page 54) Historical science represents an unprovable set of beliefs.
- "Changes in the design and function of organisms in successive generations are thought possible due to changes in the genetic code that occurs by several different processes including copying errors during cell division, transfer of genetic information between different organisms, and even programmed change carried out by specialized sections of DNA." (page 55) Thinking something has occurred doesn't make it a scientific fact, it is simply philosophy based on man's reasoning.
- "Though much evidence exists for floods...no convincing evidence has been found that the entire world was immersed at one particular time." (page 81) Evidence of sedimentation, coal and oil deposits across the face of the Earth and marine fossils on mountain tops appears to be insufficient evidence for this geologist who claims to embrace Scripture.
- "Successive changes in the regulatory genes over multiple generations could result in large changes in body form enabling improved function in new environments." (page 124) Conjecture is neither evidence nor scientific. Such a statement disregards genetic entropy, i.e., the deterioration of DNA from generation to generation of the human genome due to copying errors.
- Concerning life arising from non-living materials - "Rather, the belief rises from the observation that the Earth contains a distinct record of life forms through time and that starts with very simple single-celled organisms that did not even have a cell nucleus." (page 152) To offer a belief is philosophy, again this does not represent science.
- "For life to become a possibility, the only thing required is that a single organic molecule began to replicate in a way that allow infrequent substitutions to be preserved in subsequent replications." (page 153) – Even a geologist should

understand that we are no longer living in Darwin's time when there was not the knowledge base to understand that a single cell was incomprehensibly complicated. Additionally, there is no scientific evidence for spontaneous generation. Again, we see a case of "if wishes were horses than beggars would ride."

- "If the second law of thermodynamics forbids all increases to order, how does a single-celled embryo increase in complexity over time to produce a mature adult with eyes, arms and internal organs?" (page 175) – The author does not realize that it is God who has given us order in the universe and the genetic language found in all organism/creatures. Furthermore, entropy involves a decrease in that order which ultimately leads to death. Additionally, the language of DNA requires intelligence which does occur within the chance events offered by evolution. But, of course, without the illogical belief that entropy is reversed in the case of evolution, the theory is groundless.
- Comment on Louis Pasteur's 1859 experiment stated, "Spontaneous generation addressed the routine appearance of intact, fully functioning organisms in a single step. The experiment testing spontaneous generation did not address the possibility that the right mixture of raw materials and energy could give rise to an organic molecule with a tendency to replicate itself in ways that could eventually lead to living cells." (pages 178-179) – Although true, in over the last 150 years no valid case for spontaneous generation has been made, which in and of itself, violates the first law of thermodynamics, namely the conservation of energy. The truth is that philosophy is not science and true science is not philosophy.
- In the last chapter titled Opening Doors, the final reason for writing his book is stated as follows: "When talking with questioning materialists, we will unwittingly become an obstacle in their path to faith. They will be looking at God's workmanship while denying the Creator, and we will insist that to acknowledge the Creator, they must deny his workmanship!" (page 234) - This conclusion apparently does not make logical sense to all materialists. Note the response of Professor Richard Lewontin, a geneticist and self-proclaimed Marxist, "...we are forced by our *priori* adherence to material causes to create an apparatus of investigation and a set of concepts that produce material explanations, no matter how counter-intuitive, no matter how mystifying to the uninitiated. Moreover, that materialism is an absolute, for we cannot allow a Divine Foot in the door." Within this context, it is Johathan Sarifati who stated, "A God who 'created' by evolution is, for all practical purposes, indistinguishable from no God at all."¹⁷

Dr. Davidson began his presentation at the Christian church on varves, a topic he did not touch on his book, with his ultimate goal developing a scientific basis for Old Earth Creationism. Without going into a dogmatic diatribe, suffice it to say that this geologist has totally undermined his position by claiming to talk about science and, in fact, he is only offering conjecture. Questions such as, How can one accept the truth of Scripture when one believes in a philosophy that holds to "millions of years" of death and disease prior to sin entering the world as evidenced in the fossil record? and How can a natural process that embodies a supernatural event in terms of man having a soul make any sense? Isn't a passage such as II Timothy 3:16, namely "All Scripture is breathed out by God and profitable for teaching, for reproof, for correction, and for training in righteousness...." a valid consideration? But, of course, when the veracity of Scripture is

undermined, one creates many more philosophical problems than there are reasonable answers. It is the impression of this writer that varves were used by these presenters as a gateway in bypassing the problems with radiometric testing and therefore opened the audience to all of the nuances of a pseudo-science, i.e., the historical science used by proponents of evolution. The sad fact is that the concept of “millions of years” is deeply entrenched in Christian Churches in America and across the world.

GLACIER GIRL’S 50 YEARS OF ENTOMBMENT

Scientists claim that the lowest layers of ice sheets in Polar Regions are 160,000 years old. In 1942 two B-17s and six P-38s crash-landed in Greenland early during WW II. In 1988 one of these P-38's was located under 250 feet of snow and ice. In 1992 a returning search party extracted it from the ice and named the plane Glacial Girl. The ice had accumulated at a rate of about five and one half feet per year on top of this plane. The Greenland ice sheet averages about 4,000 feet thick. Given a similar rate of accumulation, it would only take a little less than 1,000 years to achieve the present depth of snow and ice. No data from Greenland or Antarctica requires the Earth be as old as claimed. The great age for the Earth is only based on secular assumptions. Protracted dates result when climatic factors related to the Genesis Flood are ignored. In a heroic effort, the World War II P-38 Lightning was extracted from its icy grave and restored to working order. Its current home is in a museum in Middlesboro, Kentucky.¹³

NONSENSE

SECULAR WORLDVIEW

Viewing anything with regard to life or the universe, the secular worldview is that evolution has already taken place. Given this belief, the objective of researchers is typically to find evidence to support their mistaken philosophy. In other words, objectivity is clearly not a consideration.

ASSUMPTIONS IN EVOLUTION

A particular creature evolved from its ancestors, lived successfully for a period of time and became extinct as descendants evolved more effective ways of surviving. One example of this is that proponents of evolution claim dinosaurs evolved about 230 million years ago and died out 65 million years ago. However, there is much evidence refuting this evolutionary perspective.

THEORETICAL CONSTRUCTS FOR RADIOMETRIC DATING

In presuming that biologic evolution has occurred, the geologic column is used in conjunction with the theory of evolution. The relative order of simple-to-complex animal and plant life is assumed to be preserved sequentially in the rock strata. In 1841 specific fossils were selected as “index fossils,” believed to be unique to single strata, this not being the case. Since gradualism requires long time spans assigned for each period/era, it was believed that it took “millions of years” for an amphibian to evolve into a reptile and therefore a million years was assigned to that process.

Radiometric dating techniques were then applied and the result most consistent with the theoretically constructed geologic column was selected as the true age of the sample. This represents a classic case of circular reasoning. i.e., A equals B because B equals A. (The underlined words in this paragraph reflect assumptions underlying the philosophy/religion of evolution.)

SUMMARY

1. Radiometric dating techniques are based on a number of unverifiable assumptions.
2. Dates derived from radiometric dating are off by massive amounts and call into serious question the "millions of years" found in the secular theory of evolution.
3. Since the different radioactive dating techniques typically contradict each other, both their validity and reliability are in serious question.
4. There is evidence that nuclear decay rates used in the process of radiometric testing have gone through a period of major acceleration in the past.
5. The regular presence of C-14 in organic samples tested offers verifiable evidence that the Earth cannot be "millions of years" old.
6. Factors such as the weakening of the Earth's magnetic field and the Genesis Flood require that C-14 dates be readjusted downward suggesting actual dates of the plant and animal samples are with a biblical time frame.
7. Numerous finds of soft tissue from unmineralized fossils confirm a global flood occurring just thousands of years ago.¹⁴

AUDIO VISUAL RESOURCES

(Dr. Pagels' DVD*)

MIDDLE ELEMENTARY

- YOUTUBE - Earth is 6,000 Years Old - In a 26 minute presentation by Dr. John Pendelton lectures on the topic.
- AIG YOUTUBE - Evolution vs. Creation: #8 Dinosaurs and the Bible._The theme of this 5 minute YouTube with Ken Ham is that Earth is not "millions of years" old.
- YOUTUBE - Does Radiometric Dating Prove the Earth is Old? This 4 minute YouTube by Dr. Andrew Snelling is technical in nature, but meaningful in terms of the topic.

UPPER ELEMENTARY TO ADULT

- ORIGINS YOUTUBE – Radio-isotopes and the Age of the Earth. This is 108 minute lecture with Dr. Larry Vardiman of the RATE group offering proof for a young Earth.
- ICR DVD - Thousand not Billions._This 48 minute DVD lecture with Dr. Don DeYoung challenges the secular dating systems of the Earth being "millions of years" old.*
- YOUTUBE – Uranium Halos are Proof Noah Flood Laid the Sedimentary Layers._This 59 minute YouTube discusses events and evidences of the Genesis Flood.

NOTES – CHAPTER 10

Regularly used sources: Answers in Genesis; Institute for Creation Research.

1. Brian Thomas, "Original-Tissue Fossils: Creation's Silent Advocates," Acts & Facts (August 2014): 5-9.
2. Stephen Meyers and Rober Doolan, "Rapid stalactites," Creation Ministries International.
3. Quad City Creation Science Association Staff, "The End of Long Age Radiometric Dating," <http://qccsa.org/the-end-of-long-age-radiometric-dating/>.
4. Eugene Chaffin, "The Oklo Natural Reactors in Precambrian Rocks, Gabon, Africa," <http://creation.com/oklo>.
5. Russell Humphreys, "Young Helium Diffusion Age of Zircons Supports Accelerated Nuclear Decay," <http://www.icr.org/article/young-helium-diffusion-age-zircons>.
6. Brian Thomas, "The Sun Alters Radioactive Decay Rates," <http://www.icr.org/article/5656>.
7. Carl Wieland, "Radiometric Dating Breakthroughs," <http://creation.com/radiometric-dating-breakthroughs>.
8. Jonathan Sarfati, "Diamonds: A Creationist's Best Friend," <http://creation.com/diamonds-a-creationists-best-friend>.
9. John Fischer, Carbon-14-dated dinosaur bones are less than 40,000 years old <http://newgeology.us/presentation48.html>
10. Mike Riddle, "Doesn't Carbon-14 Dating Disprove the Bible?" <https://answersinGenesis.org/geology/carbon-14/doesnt-carbon-14-dating-disprove-the-bible/>.
11. Henry Morris, "Varves: Proof for an Old Earth?" <http://www.icr.org/article/3475>.
12. Staff Writer, "Varves," <http://creationwiki.org/Varve>.
13. Kurt Howard, "Varves: Problems of Standard Geochronology." <http://www.creationinthecrossfire.com/Articles/VarvesProblems.htm>.
14. Staff Writer, The Greatest Hoax on Earth? - Looking at Jonathan Sarfati's creationist book 'The Greatest Hoax on Earth? Refuting Dawkins on Evolution,' <http://greatesthoaxonearth.blogspot.com/2014/01/chapter-11-varves.html>.
15. John Morris, 2007. Varves: Proof for an Old Earth? Acts & Facts. 36 (10): 13
16. Staff Writer, The Greatest Hoax on Earth? - Looking at Jonathan Sarfati's creationist book 'The Greatest Hoax on Earth? Refuting Dawkins on Evolution,' <http://greatesthoaxonearth.blogspot.com/2014/01/chapter-11-varves.html>.
17. Jonathan Sarfati, *Refuting Evolution* (Brisbane, Australia, Answers in Genesis, 1999), pp. 17 & 22.
18. Larry Vardiman, "Ice Cores and the Age of the Earth," <http://www.icr.org/article/355>.
19. Danny Faulkner, David Menton, Geogia Purdom and Andrew Snelling, "10 Best Evidences from Science that Confirm a Young Earth." *ANSWERS*, 7 no. 4 (Oct. - Dec.):

Chapter 11

The GEOLOGIC COLUMN

Job 38:4-7 “Where were you when I laid the foundations of the Earth? Tell me if you have understanding. Who determined its measurements – surely you know! or who stretched the line upon it? On what were its bases sunk, or who laid its cornerstone, when the morning stars sang together and all the sons of God shouted for joy?”

THE BIG IDEA

MAN FABRICATED THE IDEA OF DEEP TIME, NAMELY “MILLIONS OF YEARS.”

SCRIPTURE

The global Genesis Flood Event - Genesis 6:5-10:32

THE ENLIGHTENMENT – For additional background, refer to the chart at the beginning of chapter 10 (Dating techniques) labeled Geological Theories & Evidence Since the Enlightenment.

DIFFERING VIEWS OF EARTH’S HISTORY

- **Catastrophism** – Selected geological changes on the Earth’s surface are a result of processes operating at rates dramatically higher than those observed today, the prime example of this being the global Genesis Flood.
- **Uniformitarianism/Gradualism** – Past geological processes such as water and wind erosion are the major factors acting on the Earth’s surface at essentially the same rate as observed today.

THE GEOLOGIC COLUMN

The theory of evolution is a dogma that is used in geology to organize the past into divisions of time according to the supposed progression of life on Earth. Animals which supposedly evolved in each period typically defined by changes in the composition of rock strata are called index fossils. The geologic column is a system of classification that incorporates vast time spans in conjunction with the Earth’s strata. Lower strata are presumed to be “millions of years” older than those found at higher levels

The time spans within the geologic column are divided into units of time and given names such as super-eon, eon, era, period, epoch and age. This paradigm has been attributed to the work of John Philips in 1841. Each era is based on the types of fossils dominant within the respective eras, namely: Paleozoic – invertebrates, land plants and

amphibians; Mesozoic – Reptiles; and Cenozoic – mammals. The Paleozoic era was preceded by the Precambrian era which was characterized primarily, e.g., metamorphic rocks such as granite and schist.

Young Earth proponents describe these strata as the creation rocks.

The most common reference in the geologic column is to the Jurassic period of the Mesozoic era, with dinosaurs being placed in this time frame. Since children are typically fascinated by dinosaurs, these animals are regularly used as gateway evidence for indoctrination in the theory of evolution. This period is commonly referred to as the bedrock of evolution in spite of the fact that significant evidence is now present that dinosaurs actually lived with man during the biblical time frame.

Radiometric dating, the “gold standard” used by scientists lacks both reliability and validity. Nonetheless, proponents of evolution claim the Earth is 4.6 billion years. In truth, 90% of dating techniques support a Young Earth perspective of Scripture.

EVIDENCE

THE CATASTROPHIC GLOBAL FLOOD

- The creation of fossils requires the rapid burial in the presence of water.
- Millions of fossils are found buried all over the Earth.
- Fossils of sea creatures are found on the tops of mountains.
- Rapidly deposited sediments are spread across vast areas of the Earth.
- Folded rocks, as found in the Grand Canyon, had to be flexible when laid down, evidence that these strata were formed in the presence of water.
- Many rock strata are shown to have been laid down in rapid succession¹ with no erosion being found between many rock strata.²
- Human artifacts such as a hammer have been found in rocks and coal alleged to be “millions of years” old. A human sandal print was found with a trilobite in Cambrian rock and a human foot and hand print were found in Cretaceous rock, and claimed to be “millions of years” old. Of course, such imprints cannot logically exist by the standards of evolution before man. Additionally, flint chips or eoliths were found in Paleocene-to-Pliocene strata with marks of human processing. Such tools were rejected as human artifacts because they were found in strata that supposedly predates humans according to the evolutionary timeline. However, there is no reasonable explanation of how these eoliths formed by natural processes.³
- Many evidences of a catastrophe were evidenced within hours of the eruption of Mt. St. Helens which precipitated the rapid formation of rock strata, canyon systems, log mats, and peat bogs. Additionally, the trees floating upright in the bottom of Spirit Lake appear can represent the first step in the formation of polystrate fossils. All of these occurrences demonstrate that “millions of years” are not required for the formation of the incredible amounts of the geological evidence found on the Earth which are part and parcel of the theory of evolution.

POLYSTRATE FOSSILS

- Polystrate fossils include trees or other materials which penetrate multiple layers of geologic strata and are positioned upright. Although they offer powerful evidence against evolution, its proponents claim trees lived within their normal environment and

were rapidly covered over with mud-like materials by rivers. However, the problem with this viewpoint is that polystrate fossils are found around the world and not necessarily within a river environment. Actually, these fossils offer clear evidence of a global flood.⁴

- Powerful evidence supporting the Genesis Flood model.
 - Marine fossils have been found in strata along with polystrate fossils.
 - Gradualists believe that coal formed over very long periods of time, yet polystrate fossils penetrating multiple strata of coal would suggest the trees could not have lived that long ago.
- An abundance of leaves on polystrate fossil trees supports rapid burial.
- The catastrophic uprooting of trees resulting from the volcanic eruption at Mt. St. Helens propelled millions of trees into Spirit Lake. With these trees ultimately floating upright at various levels in a peat bog at the bottom of the lake, we see a clear example demonstrating the natural origin of polystrate fossils. This phenomena is, of course, consistent with the global flood event and in opposition to the evolutionary interpretation of similar finds in Yellowstone National Park.
- Although evolutionists provide evidence to refute the significance of polystrate fossils, it is very limited and easily contested.

NONSENSE

PROBLEMS WITH THE GEOLOGIC COLUMN

- The geologic column typically shown in textbooks is found intact in only .4% of the Earth's surface.
- Only 15-20% of the Earth has three geological periods in correct consecutive order.
- The Grand Canyon exposes many layers, but less than half of the column's strata.
- Sedimentary rock layers formerly dated as being in "millions of years" have been recently formed catastrophically in mere days at Mt. St. Helens. Therefore, this is a reasonable rationale for radically shortening the time scale assigned to the geologic column.
- Highly complex life forms are found in the Cambrian Explosion. In 1976, a fully developed fish with a backbone, the heterostracan, was discovered in upper Cambrian strata in Wyoming, contradicting the evolutionary time perspective. Pollen spores from flowering plants, the most advanced forms of life in the plant kingdom, were also found in Cambrian strata. Given these findings, evidence exists that all of the major categories of animal and plant life are found in the Cambrian Period. This is totally inconsistent with the theory of evolution which requires life to evolve slowly over long eons of time.⁵
- No evidence of amoeba-to-man evolution is found in the fossil record. Transitional fossils required in the story of evolution are virtually non-existent and easily contested.
- Living fossils undermine the basic assumptions in the evolutionary scheme since these creatures were believed to have become extinct long ago, one example being the Coelacanth. According to evolutionists, this fish was not found in the rock record after 65 million years ago. When discovered alive in 1938, it violated the theoretical construct of evolution and was just another conundrum for its proponents.
- Massive chaos exists within the fossil record. Proponents of evolution report that the cause of this disorder is overthrusting which typically occurs with a reverse fault,

i.e., lower/older strata moving over the upper/younger strata. If the chaotic fossil record was a gradual process, one would typically expect to find a large amount of rock breakage, ground-up rock powder, grooves and scratches on the under surface and a general mixture of the upper and lower rocks along the thrust plane; however, this is regularly not the case. The major problem with the uniformitarian scenario is that this massive disorder in the fossil record occurs with no evidence of erosion or overthrusting, which contradicts the orderly ascent of the fossil record foundational to the evolutionary theory. Of course, the key to solving this puzzle is not found within the gradual process of evolution, but rather in the catastrophic geological process of the Genesis Flood.⁶

- As more fossils are found, their ranges within the geologic column increase, thus reducing the credibility of the geologic column and offering further credibility to the Genesis Flood model.
- Polystrate fossils such as trees can span supposed “millions of years” of evolutionary time.
- Human fossils have been found lower in geologic levels than dinosaurs 28 times.
- Artifacts such as an iron hammer were found encased in rocks alleged to be 10 million years old.

ASSUMPTIONS OF BIOLOGICAL EVOLUTION

A particular living organism, animal or plant:

- Evolved from its ancestors.
- Lived successfully for a period of time.
- Became extinct as its offspring evolved improved ways of surviving.

PROBLEMATIC INDEX FOSSILS - A major factor in fixing ages of rock strata.

- Since evolution is considered to be a fact by secularists, different organisms are thought to occur in different periods of an era of the geologic column; however, the fact is that the same index fossils are found in many different layers.
- The age of an index fossil is assumed by consulting the geologic column and vice versa, this being a prime example of circular reasoning.⁷
- Slight differences in shells are designated as new species despite the fact that variations are also found in animals living today.
- There is serious disorder in the fossil record; therefore, determining order by using index fossils is simply not rational.⁸
- Rocks adjacent to a fossil are radiometrically dated. The date closest to the fossil's expected date is used to establish the supposed absolute age of the rock, while other results are considered contaminated and therefore discarded.

THE CONTROVERSY OVER VARVES

A varve is a pair of sedimentary layers that are believed to form annually due to seasonal weather changes. Some varves such as those of Lake Suigetsu in Japan and the Green River formation in Wyoming appear to support an “Old Earth” perspective. In these cases evolutionists rely on the belief that varve couplets are an annual event. With the Mt. St. Helens eruption, 25 feet of finely layered sediment were deposited during an afternoon providing evidence contrary to the evolutionary perspective. The catastrophic Genesis Flood event could also have laid down multiple layers within a short time period.⁹

CONCLUSIONS

- The interlocking dating scheme using the geologic column in conjunction with strata and index fossils has no realistic scientific basis.
- The geologic column interprets the past on the basis of the present, an untestable assumption.
- Sufficient anomalies within the radiometric dating process demonstrate that the timescale is wrong and that the order depicted in the column is at best a local phenomenon.
- The geologic column is essentially an imaginary construct based on the unsubstantiated theory of evolution.

AUDIO VISUAL RESOURCES

(Dr. Pagels' DVD*)

MIDDLE ELEMENTARY

- YOUTUBE – Are Fossils Ever Found in the Wrong Place? This is a 9 minute discussion between two friends from Creation Ministries dealing with the excuses that evolutionists use to explain why fossils are out of place.
- YOUTUBE – Artifacts that Challenge Evolution throughout the Geological Column. A 5 minute YouTube offering meaningful artifacts by Carl Baugh, the director of the Creation Evidence Museum in Texas.
- YOUTUBE – Creation Bytes! Where is the Logic in the Geological Column? This 3 minute lecture which does a good job of explaining the topic.
- DVD - Explore John Day Fossil Beds. This 30 minute Awesome Science Media DVD with Noah Justice set in the Pacific Northwest that deals with of geological formations.*
- AIG YOUTUBE - Evolution vs. Creation: #8 Dinosaurs and the Bible. The theme of this 5 minute YouTube with Ken Ham is that Earth is not "millions of years" old.
- AIG DVD – Explore Yosemite and Zion National Parks. This is a 30 minute DVD featuring Noah Justice with a focus on evidence of erosion from the Genesis Flood and the occurrence of one major Ice Age by Awesome Science Media Production.
- YOUTUBE - Geological Column Busted. This is a 29 minutes Genesis Week YouTube.
- YOUTUBE - Polystrate Fossils - Examining the Evidence for Evolution – Dr. Brad Harrub offers this excellent 8 minute YOUTUBE and provides evidence refuting the validity of the geological column including data from the Mt. St. Helens eruption.
- YOUTUBE – The Geological Column Awesome Science. In an excerpt from the Yellowstone DVD, Noah Justice offers a 5 minute discussion of the topic.

UPPER ELEMENTARY TO ADULT

- ICR YOUTUBE - Geological Column – Flood or Evolutionary Fantasy. The historical figures of Dr. John Morris and Dr. Andrew Snelling discuss the topic.
- YOUTUBE – The Record of the Rocks. This 62 minute lecture by Dr. Don Patton offers helpful information.

NOTES – CHAPTER 11

Regularly used sources: Answers in Genesis; Institute for Creation Research

1. Staff writer, "Scientific Evidence for a Worldwide Flood,"
http://www.earthage.org/EarthOldorYoung/scientific_evidence_for_a_worldwide_flood.htm.
2. Answers in Genesis staff, "Worldwide Flood World Wide Evidence,"
<https://answersinGenesis.org/the-flood/global/worldwide-flood-evidence/>.
3. Michael Brandt, "Stone Tools Before Man?" ANSWERS, Oct–Dec 2013, 54.
4. Earthage staff, "Polystrate fossils,"
http://www.Earthage.org/polystrate/polystrate_fossils.htm.
5. Dale Stuckwisch, "Cambrian Explosion: Evolution exposed,"
<http://www.examiner.com/article/cambrian-explosion-evolution-exposed>.
6. Henry Morris, "Those Remarkable Floating Rock Formations," ICR.ORG/articles/print/212.
7. Gordon Howard, "Index fossils – really?" <http://creation.com/index-fossils>.
8. John Woodmorappe, "The Fossil Record. Becoming More Random All the Time,"
<https://answersinGenesis.org/fossils/fossil-record/the-fossil-record/> (April, 2000).
9. Wiki staff, "Varves," <http://creationwiki.org/Varve>.

Chapter 12

THE GRAND CANYON

Colossians 1:16-17 – “For by Him were all things were created,
in heaven and on Earth, visible and invisible....”

THE BIG IDEA

THE GRAND CANYON, GOD’S MONUMENT TO THE GLOBAL GENESIS FLOOD

SCRIPTURE

Genesis 7:19-20 “And the waters prevailed so mightily upon the
Earth that that all the high mountains under the whole
heaven were covered. The waters prevailed above
the mountains, covering the fifteen cubits deep.”

INTRODUCTION

The Grand Canyon of Arizona, a wonder of God’s creation, is 277 miles long, 4 to 18 miles wide and a mile deep. This canyon offers an unparalleled opportunity to study the interior of God’s Earth. The Grand Canyon was catastrophically carved out by the incredible power of rushing waters, not by “millions of years” of erosion. It offers evidence of granite and schist which make up the basement rock of our Earth, these being the creation rocks. The sedimentary rocks of the canyon were deposited as an aftermath of the Genesis Flood containing millions of fossils, which are a monument to that world-changing event.

THE CANYON IN PERSPECTIVE

- The catastrophic erosion of the canyon, likely a result of drainage from lakes north of the canyon, occurred during the post-flood period as a result of a breached dam.¹
- The Paleozoic Strata in northern Arizona are believed to be deposits dating from the early part of Noah’s Flood. Remnants on the rim of the canyon, the Mesozoic Strata, represent widespread surface erosion.
- In the last half of the Genesis Flood, factors at play in the formation of the canyon included tectonics, sedimentation, erosion and the lifting of the Colorado Plateau to more than a mile above sea level.

EVIDENCE

THE POWER OF CAVITATION

Due to flooding conditions, it was necessary to release massive amounts of water from the Powell Dam on the Colorado River. On June 15, 1983, after four days of water release, the water turned the color of the underlying soil and huge chunks of rock and concrete were expelled into the spillway. Upon examination, it was found that water had eaten through three feet of reinforced concrete casing and opened a massive chasm in the underlying rock.²

Cavitation is obviously capable of causing catastrophic erosion in very short periods of time. It occurs when water moves at a high velocity over a rough surface. Vacuum bubbles form and implode with such great force that they fracture adjacent rock, greatly accelerating erosion.

Many geologists have given up on the proposition that a small stream was responsible for creating the Grand Canyon and suspect it was the result of a breached dam. In the case of Mt. St. Helens, the water that was held back for two years led to a breached dam and a related mud slide producing a canyon one-fortieth the size of the Grand Canyon. Layering of the soil similar to other layering found around the world also occurred. Clearly, "millions of years" were not required to produce the erosional field at either Mt. St. Helens or the Grand Canyon.

THE GRAND CANYON, A NATURAL CATASTROPHE

- The catastrophic evidence from six exposed layers of the Grand Canyon and Colorado Plateau covers the North American continent and beyond.
- The lack of a delta at the mouth of the canyon suggests a catastrophic water event.
- The Navajo Sandstone layering shows evidence that minerals at the Grand Canyon site were carried from the Appalachian Mountains.
- Large boulders moved by storm and water factors are found in the Tapeats Sandstone layering of the canyon and also over immense areas of North America.
- The Redwall Limestone layering extends from the Southwest to Pennsylvania and Tennessee.
- From a purely scientific perspective, the Little Colorado River could not possibly have carved the Grand Canyon since it is essentially a rather small river.
- Folded rocks, without breakage, show that the strata were laid down when wet.
- Many fossils in the region of the canyon are oriented in the same direction indicating that they were buried in the presence of fast-moving water.³
- Fossilized foot prints of creatures walking in sand found in the sedimentary layers of the canyon are not possible on an erosional field, but only in a catastrophic water event.
- The mini-canyons on the north side of the canyon are similar to those produced by the recent volcano eruption of Mount St. Helens in 1980. This suggests that both formations could have formed in a matter of days.

NONSENSE

IMPOSSIBLE CONSIDERATIONS

- The Grand Canyon was formed by a relatively small flow of slow-running water over long periods of time.
- Radiometric dating techniques have dated lower rocks in the Grand Canyon to 700-800 million years whereas rocks on the upper part of the canyon are given an age of 2 billion years.⁴ This makes no common sense.
- The rim of the Grand Canyon is over four thousand feet higher than the entrance of the Colorado River into the canyon. This means that if the canyon was formed by erosion, the Colorado River would have had to flow uphill for “millions of years” which is obviously an impossibility. This clearly rejects the possibility of a small river forming the Grand Canyon.

SUMMARY

The grandeur and awesomeness of the Grand Canyon are easily explained within the biblical framework of a Young Earth and Noah’s Flood.

AUDIO VISUAL RESOURCES

MIDDLE ELEMENTARY

- DVD – Explore the Grand Canyon. This is a 30 minute Awesome Science Media Production featuring Noah Justice on the catastrophic formation of the canyon.

UPPER ELEMENTARY TO ADULT

- YOUTUBE – How Long Did it Take Form the Grand Canyon – Creation Today. This is a 28 minute presentation offered in an interesting way.
- YOUTUBE – The Grand Canyon: Evidence for the Flood. This is an 80 minute lecture on the topic offered by Dave Flang.
- YOUTUBE – What does the Grand Canyon Indicate? Dr. Russ Miller of Creation Ministries offered this 28 minute YouTube.

NOTES – CHAPTER 12

Regularly used internet materials: Answers in Genesis; Institute for Creation Research

1. Steven Austin, “Red Rock Pass: Spillway of the Bonneville Flood,” <http://www.icr.org/article/red-rock-pass-spillway-bonneville-flood/>.
2. John Morris, “Cavitation,” www.icr.org/article/6920/.
3. Steve Austin, “Grand Canyon,” *Answers* 8 no.1, (Jan. - Mar. 2013): 68-71.
4. Steven Austin, “Excessively Old “Ages” For Grand Canyon Lava Flows”, <http://www.icr.org/article/excessively-old-ages-for-grand-canyon-lava-flows/>.

Chapter 13

DARWIN IN PERSPECTIVE

II Thessalonians 2:9-11 "The coming of the lawless one is by the activity of Satan with all power and false signs and wonders. Therefore God sends them a strong delusion, so that they may believe what is false."

THE BIG IDEA

NATURAL SELECTION AND RANDOM MUTATIONS CREATE LOSS OF GENETIC MATERIAL AND DEGENERATE A SPECIES.

SCRIPTURE

Genesis 1:24 – The fixity of kinds, "And God said, 'Let the Earth bring forth living creatures according to their kinds....'" God made permanent the designation of "kind" so that it would not to be violated.

Genesis 1:27 – "So God created man in His own image, in the image of God created He him; male and female he created them."

EVIDENCE

NATURAL SELECTION AND ITS DRAWBACKS

- Natural selection only occurs within members of the same species, e.g., breeding of dog "kinds" can produce a new breed of dogs, but the new breed is still a dog. The genetic material for the new breed was contributed from the parents of that dog.
- The finches that Darwin discovered on the Galapagos Islands are typically cited as a case of evolution in spite of the fact that their offspring are still finches. However, hidden characteristics may emerge typically as a reaction to changes within the finches' environment. Such examples are cases of micro-evolution; however, there is no generating of a new "kind"; therefore no true case of evolution has taken place. Of course, for evolutionists micro-evolution equals macro-evolution because that is what their definition of the term dictates.
- Gregor Mendel, living from 1822 to 1884, with his selective breeding of garden peas, pioneered the study of genetics which used selective breeding to affect changes within a "kind," however, his work did not support a case for evolution.

NO NATURAL SELECTION BETWEEN SPECIES

- The 2nd Law of Thermodynamics states (Law of Conservation of Matter and Energy) that everything in the universe moves from order to disorder (entropy). Enlisting natural selection to implement evolution is against this basic law of nature. Increasing disorganization cannot increase complexity; the opposite is actually the case. The disorder caused by mutations does not create order.
- Charles Darwin stated that if no example of a transitional species could be found in the fossil record, his theory could not be supported. Note the following quote, "Why then is not every geological formation and every stratum full of such intermediate links? Geology assuredly does not reveal any such finely-graduated organic chain; and this perhaps, is the most obvious and serious objection, which can be urged against the theory. The explanation lies, as I believe, in the extreme imperfection of the geological record."¹ The truth is that after a hundred and fifty years a scant number of contested links have been found. If the theory of evolution is true, transitional species should outnumber other fossil finds.
- The interbreeding of species is a very complex matter with the chromosomes typically not matching up. When offspring do result, they are sterile, e.g., a liger, a cross between a male lion and a female tiger; or a mule, a cross between a male donkey (jack) and a female horse (mare).

HISTORICAL CONTEXT

Philosophers throughout the ages have proposed multiple theories concerning the evolution of the universe and life that excluded God, the Creator of all things. Materialists believed that all life originated from pre-existent matter. The focus of naturalism was that all living things have originated from non-life. In the past, these philosophies have received traction in the absence of any other empirical explanations. As far as the existence of the universe, the hard core evolutionists have a conundrum. Either matter came into existence spontaneously or it was always here; neither of these makes any sense and in addition, are in opposition to the 1st Law of Thermodynamics, namely the conservation of matter which states that matter can only convert to energy and vice versa indicating that matter cannot through some specific mechanism be self-existent.

The Enlightenment of the early 1700's surfaced in opposition to tradition and the Catholic Church. One of the pioneers was Baruch Spinoza who directed a frontal attack on Scripture by denying the supernatural, including miracles. His proposition was that Scripture was a cobbled together document and that it was Ezra who wrote the five books of the Bible ascribed to Moses. According to the Enlightenment, nature was the only driving force in the universe.

Charles Darwin's grandfather Erasmus Darwin was a physician, a free thinker and student of the Enlightenment. Charles' religious background was largely Unitarian, a philosophy originating in England in the 1700's claiming god is one person and that Jesus is not God. Unitarianism rejected the Christian doctrines of original sin, predestination, the trinity and the inerrancy of Scripture.

Charles Darwin was born in 1809. His mother died when he was eight years old and was then raised by his sister. Growing up amid wealth, Charles had a taste for natural history. From a psychological perspective, Charles was a reclusive, homebound individual who was subject to fear and anxiety and could be described as an agoraphobic. His obsessive compulsive characteristics fit well into his fixation for details and a life pattern of research.

Although Charles attended medical school, he had little interest in his studies. His true interests included taxidermy, natural history, materialism and marine biology. Upon his father's transferring Charles to a divinity program, he chose to embrace a general program of studies, finding his passion in botany, geology, studying Paley's *Natural Theology* of an argument for design in nature.

In 1831 Darwin joined a five-year voyage on the HMS Beagle as an onboard naturalist with Captain FitzRoy who was charting coastal waters of South America. Charles spent most of his time on land focusing on geology and collecting zoological specimens along with copiously taking notes. Having received a copy of Charles Lyell's *Principles of Geology*, Lyell's uniformitarian concept of immense time periods in the world's history greatly influenced Darwin's perspectives on geology.

Charles Darwin and the Galapagos Islands will be forever linked. His visit there had a resounding impact on his theory of natural selection. During that time, Darwin noted that animals and birds differed slightly from island to island and from those on the mainland. Of particular note were the finches which were later named in his honor. The small differences within these finches, for Charles, were an example of evolution. However, the truth is that these changes are an example of microevolution or small changes within a species based on the emergence of pre-existing genetic material, not macroevolution which involves movement toward the development of a new species.

Alfred Wallace, a British naturalist and Darwin published a joint paper on natural selection in 1858. Later in 1859 Darwin published his landmark work *The Origin of Species*. The primary premise of his book was codifying the concept of natural selection as the mechanism for evolution. By the 1870's, Darwin's theory of natural selection was accepted as fact in scientific community and by the middle 1900's, it was the acknowledged mechanism of evolution.

Charles Darwin's very close friend, Charles Lyell was a lawyer, geologist, and activist. Lyell's goal was to undermine Scripture by replacing the supernatural with naturalism. He, following the lead of James Hutton, popularized the theory of uniformitarianism (gradualism) by introducing the idea that the universe had come into existence over "millions of years." This offered a theoretical construct opposing the catastrophism implicit in Scripture and supported by the global Genesis Flood. This tactic was most successful with secularists.

Another friend of Darwin was Thomas Huxley, commonly referred to as "Darwin's bulldog." Huxley followed up on Darwin's theory by challenging the fixity of species by offering an exhibit of horse drawings as supposed proof for evolution. Although this illustration is still found in textbooks today, evolutionists now have accepted the fact that Huxley's horse evolution is just another discarded perspective in the evolutionary record. However, the support for Huxley's horse evolution is a tribute to the power of the pictorial format which was also used by a future charlatan, Ernst Haeckel, with his drawings of embryos (recapitulation theory) and also the Nebraska Man. Like other missteps or frauds in evolution, success was related to the fact that a deception was believed by many for extended periods of time until the evidence of fraud had emerged.

TRUTH ABOUT NATURAL SELECTION

- Natural selection can only act upon genetic information that already exists.
- With the case of natural selection, genetic information actually decreases.
- Natural selection leads nowhere, since it is non-directional. Conversely, evolution is a process that assumes progress or improvement within a species.²
- Genetic variants causing differences in survival have nothing to do with explaining design. Saying that “nature's designer is nature” provides no useful explanation. This is a case of circular reasoning with “cause” and “effect” being equal.

NONSENSE

Natural selection states that there is a relentless competition for survival going on in nature. Certain individuals within a species have a better chance of surviving and passing their genetic strengths on to future generations. These small changes are only observable after many generations and lead to the creation of a more advanced species.

SUMMARY

The fact is that evolution has not occurred in the past, is not occurring now and will not occur in the future. Natural selection and mutations are simply examples of dead ends within the theory of evolution.

AUDIO VISUAL RESOURCES

MIDDLE ELEMENTARY

- YOUTUBE - Collapse of Darwinism Refuted Theory of Evolution. This is a 59 minute presentation with good visuals dealing articulately with the topic.
- YOUTUBE – Evolution is History’s Greatest Hoax – Darwin’s Theory is Wrong. This 47 minute lecture is very articulate.
- YOUTUBE – Refuting Darwin’s Evolution at San Diego’s Natural History Museum. This 10 minute presentation by Thad Rothrock hits all the high points attacking the folly of evolution.
- YOUTUBE - Refuting Darwinism in 7 Seconds Flat. This 8 minute YouTube lecture deals with biblical “kind” by differentiating between micro- and macroevolution.
- YOUTUBE - Refuting Darwinism through the Birds. This 58 minute lecture by Dr. Thomas Kindell articulately covers the topic.
- YOUTUBE - Documentary – Wonders of the Galapagos HD Nature. This YouTube appears to showplace the animals of the island without a reference to evolution.

UPPER ELEMENTARY TO ADULT

- YOUTUBE – Fossil Record: A Problem for Evolution. A 64 minute lecture at a conference by John Morris, the father of creationism in America.
- YOUTUBE – Inherently Wind. This is a 17 minute analysis of Inherit the Wind which is a synopsis of the Scope Trial of 1925.
- AIG YOUTUBE – Evolution of Darwin His Impact. Ken Ham lectures 8 minutes.

- AIG YOUTUBE – Evolution of Darwin His Life – Dr. Tommy Mitchell discussed the historical events in the life of Charles Darwin.
- YOUTUBE – Forbidden Science – Shattering the Myths of Darwin’s Theory of Evolution. This 32 minute lecture has good content.
- AIG DVD - Was Darwin Right? Real science confirms God’s Word is true in two 67 minute DVDs by Dr. Terry Mortenson.*

NOTES – CHAPTER 13

Regularly used internet materials: Answers in Genesis; Institute for Creation Research.

1. Charles Darwin, *Origin of Species by Means of Natural Selection*, (New York: Modern Library, 1993), 63.
2. Randy Guliuzza, “Natural Selection Is Not Nature’s Process,” <http://www.icr.org/article/5295/>.

Chapter 14

MYTH OF MONKEY-TO-MAN EVOLUTION, THE PILTDOWN MAN AND LUCY

(Cases of Fraud and misidentification)

Genesis 1:26 And God said, "Let us make man in our image...."

THE BIG IDEA

**MAN IS A CREATION OF GOD, NOT
A FULLY EVOLVED MONKEY.**

SCRIPTURE

Genesis 1:27 & 31 – "So God created man in His own image,
in the image of God created him; male and female created
He them. 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."

EVIDENCE

(Refer to the evidence sections in
chapters 2 and 12, as required.)

Dr. Jeff Tomkins, of the Institute of Creation Research, in reanalyzing data from the chimpanzee DNA sequencing project of 2003, found the actual genetic similarity between humans and chimpanzees is only about 70%. In DNA letter differences, this amounts to a 900 million-letter differences. Previous studies had disregarded the DNA called "junk" and had claimed that the DNA similarities between man and chimpanzees were at 99%. However, the non-protein coding parts of the genome coined as "junk DNA" regulates the protein coding genes. This is contrary to the claims of researchers who previously thought these non-protein coding regions were a wasteland of discarded sequences resulting from the evolutionary process. Moreover, another interesting fact in this conflict is that humans have 23 sets of chromosomes whereas chimpanzees have 24.²

Then there is case of the mitochondria, small organelles outside the cell's nucleus, containing their own DNA separate from that of the cell nucleus. Mitochondrial DNA is typically inherited from the mother and its mutation rates can supposedly be measured to produce a molecular-genetic clock. Computer modeling demonstrates that when mutations

reach a specific level in the DNA of man, this process of disorder or deterioration causes the extinction of the species. This accumulation of genetic code errors is called genetic degradation/entropy. Genetic clocks have confirmed a date of creation of not more than 10,000 years ago, fitting the Young Earth time frame, not “millions of years” ascribed to evolution.³

The analysis of human genetic data supports the existence of a single pair of humans who lived less than in 10,000 years ago, not pre-human creatures that evolved into modern man. DNA is transmitted at the moment of conception. Only DNA directly provides a record of a species’ genealogy. A fossil, anatomical structure or geological strata cannot accomplish this although many researchers consistently use these as symbolic relics in their search for molecule-to-man evolution.⁴

NONSENSE

PILTDOWN MAN

In 1909, Charles Dawson, a British lawyer and amateur archeologist, started finding pieces of bones and teeth and related artifacts in a gravel pit near Piltdown, England. In 1913, having parts of a skull, jaw and teeth, he declared these bone fragments to be the missing link in the evolutionary sequence between monkey and man. Valid protests from experts were disregarded, but left unpublished. Plaster casts were made and the artifacts placed under lock and key in the British Museum in England.

The exhibit of the Piltdown Man was on display in the British Museum in England and carried around the world with great notoriety until 1953. At that time, a fluorine test was developed that could determine the relative age of bones. Three scientists were permitted to examine the artifacts and determined the exhibit to be a fraud.

The pathetic thing about this ruse is that it offered superficially positive proof to generations around the world regarding the validity of the theory of evolution. The House of Commons was outraged by the revelation of this fraud because a considerable amount of taxpayer money had been recently spent for a monument at the gravel pit in Piltdown. As pitiful as the Piltdown hoax was, it was far surpassed by a supposedly creditable British Museum maintaining a cobbled together deception for molecule-to-man evolution under its protective preview for two generations.

INTERESTING RELATED FACTS

- The pit where the bones and related fragments were found was only a few miles from Charles Darwin’s mansion.
- The natural environment of the English countryside is wet and not conducive for bones to be preserved over long periods of time.
- The bones appeared quite well-preserved in spite of their reported evolutionary age of 300,000 years.
- The jaw of the specimen was that of an orangutan of a quite recent origin.
- The bones and teeth were filed, stained and chemically treated to appear old.
- An elephant’s tooth at the site was chemically similar to those recovered in Tunisia, clearly suggesting that it had been planted there along with other bone fragments.

LUCY - Australopithecus afarensis (southern ape)

In 1974, Dr. Johanson found a supposedly 3.2 million year old “missing link” in Ethiopia in the continuing story of monkey-to-man evolution. The fragmented remains, being the most complete southern ape example in existence, comprised about 40% of the total skeleton. In 1983 Richard Leakey, one of the best known anthropologists in the world, stated that there was no conclusion that could be drawn about Lucy’s species.⁵

PROBLEMATIC SKELETAL FEATURES

- The skull was completely shattered and the arrangement the skull bones of could create either an ape-like or human-like being. There were 41 potassium-argon dates for the skull, all of which were rejected because the date obtained was not a date that fit into their theoretical evolutionary construct. Ultimately, pigs teeth found in the strata adjacent to the skull were used to obtain the date that was more acceptable.⁶
- All of the upper face of the artifact was missing.
- The pelvis was likely not consistent with a human gait.
- Scientists acknowledged that the hands were ape-like.
- The knee bone thought to be from Lucy was found 1½ miles away from the original site in strata 200 feet lower. A question regarding this is why would this knee bone even be considered as belonging to the original “Lucy?”
- The absence of feet made it impossible to know if the feet were human or ape-like.

PROBLEMATIC ISSUES

- Evolutionists, in evaluating data, constantly rely on the worldview that evolution is a fact which is actually unprovable and is definitely not scientific.
- The worldview of artists greatly influences their drawings, thus vastly different reconstructions of Lucy were produced.
- The skeletal material of Lucy was found in Ethiopia. Her walking upright was based on fossilized foot prints 932 miles away in Laetoli, Tanzania. These foot prints were indistinguishable from those of modern man.⁷ Of interest is the fact that the human and associated dinosaur footprints from the Laetoli site were in the “wrong” strata and in the wrong time sequence based on evolutionary assumptions implying that modern man lived with animals from the beginning of time.
- Studies have concluded that the Australopithecine walking pattern is neither like apes or modern man, but more like the orangutan.
- Some supposed “bipedal” characteristics found in Lucy’s bones are also seen in living apes that are not bipedal.
- The very sophisticated computer analysis of australopithecine fossils by Charles Oxnard has concluded that Lucy’s bones are that of an extinct ape, Australopithecus afarensis.

CONCLUSION

The monkey-to-man theory is fraught with case after case of mistaken identity and outright fraud. The Piltdown Man and Lucy are simply the most recent examples of this ongoing pattern. In each case, the popular press offers considerable fanfare at the outset

of a new example of monkey-to-man evolution in spite of scant evidence. Adding to this fiasco, evidence has also surfaced that evolution could not occur since monkeys and man are not as genetically similar as evolutionists previously had claimed. This attempt at proving that evolution has occurred is just another case of the secularist worldview and/or philosophy trumping science. Creationists have provided considerable proof that Lucy is just another example of one of the 6,000 apes or monkeys currently living or extinct.

AUDIO VISUAL RESOURCES

(Dr. Pagels' DVD*)

EARLY ELEMENTARY

- YOUTUBE – Fearfully and Wonderfully Made by Matt Redman. Excellent visual effects accompany this 5 minute YouTube with Matt Redman singing in the background.

MIDDLE ELEMENTARY

- OUTUBE – All Caveman Finds Have Been proven to be Wrong or Hoaxes. This YouTube is 8 minutes.
- YOUTUBE – Artifacts That Challenge Evolution: A Man-Made Hammer. This is a 5 minute YouTube by Dr. Carl Baugh, the director of the Creation Evidence Museum.
- YOUTUBE – Failed Evolutionary Theory Neanderthal Man. This is a 3 minute YouTube by Dr. Carl Baugh of the Creation Evidence Museum offering startling facts.
- YOUTUBE - God and the Universe. This speaker uses excellent visuals in discussing the universe.
- YOUTUBE - God of Wonders: Scientists Prove Almighty God's Existence. This is an 84 minute YouTube that is conceptually and visually excellent.
- YOUTUBE – Scientists Prove Human Evolution Being a Hoax. This is an 8 minute YouTube.

UPPER ELEMENTARY TO ADULT

- YOUTUBE – Forbidden Science – Shattering the Myths of Darwin's Theory of Evolution. This 32 minute lecture has good content.
- AIG DVD – Lucy – She's No Lady! This is a 59 minute DVD by Dr. David Menton which unmask evolution's most recent poster child linking monkey to man.*
- AIG YOUTUBE - Fearfully and Wonderfully Made. This 63 YouTube is a lecture by Dr. David Menton, a Lutheran.

NOTES – CHAPTER 14

Regularly used internet materials: Answers in Genesis; Institute for Creation Research.

1. Georgia Purdom, "Decoding the Debris," *ANSWERS*, 9 no. 3 (July-Sept 2014): 37-39.
2. Jeffrey Tomkins, "BioOrigins Project Update Purpose Progress and Promise Part 3," *Acts and Facts* (December 2014): 9.
3. Jeffrey Tomkins, "Genetic Entropy Points to a young creation," *Acts and Facts* (November, 2014): 14.

4. Staff writer, "Lucy" isn't the "Missing Link!" <https://answersinGenesis.org/human-evolution/lucy/lucy-isnt-the-missing-link/>.
5. Nathaniel Jeanson, "Bioginis Project Update, Purpose, Progress, and Promise Part 5," *Acts and Facts* (February 2014): 9.
6. David Plaisted, "Problems with Lucy and Skull 1470", <http://www.cs.unc.edu/~plaisted/ce/lucy.html>.
7. Brian Thomas, "Laetoli Footprints Out of Step with Evolution," www.icr.org/article/6266/372.

Darwin's Black Box - The Biochemical Challenge to Evolution

By Michael Behe, 1996

Michael Behe, a biochemist, is a proponent of intelligent design (ID). His viewpoint is that biological systems are too complex to have come into existence by natural selection and chance mutations, thus opposing Darwinian evolution. Of course, the secular scientific community considers such a viewpoint pseudo-science. By using the "black box" concept in his title, Behe refers to the internal workings of a device that is essentially taken for granted, this being a common phrase used in science. Of course, the complex functions of the cell were not understood in Darwin's day when the idea of a "simple cell" was still prominent.

Behe stated that he believes in natural selection in general and the evolution of man from primates, namely the "Old Earth" dogma. He claims that the underlying complexity of cells and related mechanisms are ignored and thus undercut the possibility of evolution occurring as a result of random processes. Behe introduced two concepts to support his point of view, the first is irreducible complexity. He explained that if a part of a particular system is missing in the cell or organ it will cease to function. The example used to illustrate this point is that of a mouse trap. If any one of its five parts were removed, a mouse trap would no longer carry out its intended purpose. His point is that in the process of evolving, biochemical systems will not be able to advance to higher levels of organization when necessary parts involving developmental functions are absent. Behe then discussed the apparent irreducible complexity of several biological systems, including the cilium, the bacterial flagellum, blood clotting, the immune system and vesicular transport.

The second concept proposed by Behe is that of minimal function. For an organism to begin to evolve it must be able to successfully accomplish a specific development task, e.g., the mouse trap with all of its intended parts must be able to appropriately trip and catch the mouse when it is so engaged. Therefore, it is not sufficient that all the needed parts are merely present; they must also be properly integrated to successfully accomplish the necessary result.

Behe notes that the operation of the cell is based on molecular machines, some being simple and others being enormously complex. These cellular machines are primarily made up of proteins, which in and of themselves, are extremely complex. His premise is that this level of complexity cannot possibly occur as a random or chance event.

Michael Behe's overall perspective is that although he supports the theory of evolution, he does not believe the theory is supported experimentally by observable science. He therefore offers intelligent design as the solution to irreducible complexity and minimal function. Distracters strongly maintain that invoking design into the argument of origin attempts to insert the supernatural thus replacing naturalism which is totally unacceptable.

http://en.wikipedia.org/wiki/Darwin%27s_Black_Box

Darwin on Trial

By Phillip Johnson, 1991

This book was written by the Berkeley law professor emeritus, Philip Johnson. His premise was that evolution could be tried like a defendant in a court of law. This type of perspective has become central to the intelligent design movement.

Evolutionists such as Stephen Jay Gould, a biological evolutionist, were highly critical of his book. Johnson described Stephen J. Gould's position as follows, "Evolution is a theory. It is also a fact. And facts and theories are different things, not rungs in a hierarchy of increasing certainty. Facts are the world's data. Theories are structures of ideas which explain and interpret facts. Facts do not go away while scientists debate rival theories. Einstein's theory of gravitation replaced Newton's, but apples did not suspend themselves in mid-air pending the outcome. And human beings evolved from apelike ancestors whether they did so by Darwin's proposed mechanism or by some other, yet to be discovered." Gould's explanation offers a dichotomy that is frequently used to support the philosophy of evolution, namely to use observational science to prove historical science. Of course, these philosophies are actually worlds apart as far as science is concerned. To such a premise, Ken Ham would ask the question, "Were you there?" Whether support is being offered for materialism or naturalism, it still is pseudo-science since it is a viewpoint that lacks proof in terms of supporting evidence and mechanisms.

Johnson stated, "I am interested in what unbiased science has to tell us about the history of life, and in particular, how the enormously complex organs of plants and animals came into existence." Johnson evaluates the evidence for evolution by natural selection using legal principles for assessing its probative value and examines what he sees as the philosophical presuppositions of the scientific community. He claims that biologists have not made their case, that there are serious evidentiary holes in the theory of evolution, that conclusions from evolutionists are driven mainly by their prior assumptions and that evolutionary scientists presume that there must be a naturalistic explanation for everything.

Johnson also indicated that there is a protective wall in secular science around the philosophical doctrine of naturalism stating, "Naturalism assumes the entire realm of nature to be a closed system of material causes and effects, which cannot be influenced by anything from the outside." Although God is not denied, secular science claims itself to be the only reliable path to knowledge. Such a system of beliefs makes evolution the basis of ethical and religious statements. It is interesting that this is specifically what many evolutionists find repulsive about the philosophy of creation. Furthermore, Johnson suggests that evolution involves a program of indoctrination and Darwinism is a philosophical/religious belief system that is protected by organized science rather than being tested as a theory determining if it has merit.

Raymond Bohlin, *Darwin on Trial*, <http://www.leaderu.com/orgs/probe/docs/darwin.html>.

Natural Theology – Evidences of the Existence & Attributes of the Deity

William Paley, 1802

William Paley (1743-1805) was an English clergyman, a Christian apologist and a philosopher. He is best known for his watchmaker analogy. His writings were described as natural theology which involves making inquiries into the existence and attributes of God without referring to divine revelation. Paley's philosophy is a teleological argument for the existence of God, namely based on the perceived evidence of deliberate design as found in the natural or physical world. Earlier philosophers such as John Ray and William Derham as well as Cicero had also argued for natural theology.

The watchmaker analogy is regularly used by philosophers and theologians alike. Paley explained this analogy as follows: "If one was walking across a field and comes upon a watch, on picking it up and examining it, one realizes that on the basis of the design, it was made with a purpose and required a designer. Similarly, as we view design in nature, it is obvious that there is a creator-God." This watch analogy was used during the Enlightenment by both deists and Christians.

In his book, Paley shared a series of other examples of designs in nature focusing particularly on human anatomy, e.g., comparing the eye to a telescope and describing finely adapted mechanical structures in animals such as joints. In his conclusion, Paley argued that God must be good because designs seen in nature are beneficial. Building on this analogy, he argues that the regular movements of the solar system resemble the works of a giant clock.

The main thrust of Paley's argument for God's design all of creation can be seen in the harmony of physical and social order. Furthermore, Paley's natural theology has found its true home in the intelligent design movement, e.g., the work of the biochemist William Behe and his explanation of irreducible complexity.

Charles Darwin, himself an agnostic, spent his entire life attempting to explain that design was an invalid concept since naturalism demonstrates that man evolved over time as a result of an accumulation of chance events. Through this he eliminated the need for a creator-God. Richard Dawkins, in his opposition to Paley's natural theology, wrote the *The Blind Watchmaker*. His attack was based on the proposition that a God capable of designing something as complicated as DNA, not only the code of life, but also a language requiring intelligence and not aligned to chance, explains precisely nothing. Dawkins then stated that one then is required to explain the origin of the Creator-God by saying that God was always there is just a lazy way out. In avoiding the whole issue of origins, Dawkins would claim that it would be more scientifically accurate to just say "Life was always there." For some as is the case with Richard Dawkins, man's reason consistently trumps the supernatural God.

http://rationalwiki.org/wiki/Argument_from_design

The Blind Watchmaker

Richard Dawkins, 1996

In this book, subtitled *Why the Evidence of Evolution Reveals a Universe without Design*, Dawkins argues for the theory of evolution by means of natural selection. In selecting the title, Dawkins was countering the watchmaker analogy made famous by William Paley's book, *Natural Theology*, written in 1802. Paley held that the complexity of the design of living organisms was evidence of a designer, a divine creator. Dawkins' counterattacked, underscoring that natural selection was analogous to a blind watchmaker in processing evolution. He attempted to dispel the issue of complexity arising without a "creator" using the example of the eye, noting that a series of simple-to-complex eyes in various animals are simply intermediates in stages of development of the mammalian eye.

Dawkins' third chapter introduced the "monkey theorem" as the foundational premise for his book. Dawkins proposes that a monkey bashing away randomly on a typewriter could produce all the works of Shakespeare, given enough time. Dawkins limited the task to the phrase 'METHINKS IT IS LIKE A WEASEL' on a restricted keyboard of 26 capital letters and a space bar and raised the question, "How long will it take to write this one little sentence?" Using a computer program and millions of combinations per second, it was determined that it is unlikely for the monkey to achieve the weasel sentence, even given the entire lifetime of the universe.

Using the metaphysical concept of hill climbing assumed in natural selection, Dawkins then proceeded to "theoretically prove" that ascent in the evolutionary process is possible. This "proof" is based on the belief that micro-evolution (speciation) equals macroevolution, namely that if a dog has genes for thick fur and was within a very cold environment, this would be the first step in the evolution of a new species. This construct, along with the retention of positive mutations, theoretically would support the ascent from molecules-to-man. One major roadblock to this conjecture is that many mutations are neutral and about 60 are degenerative within one generation. Furthermore, Dr. John Sanford, the inventor of gene splicing, reports that one mutation in a million is positive. Still given his false assumptions, Dawkins linked natural selection to metaphysics and passed it off as fact. With this unsubstantiated foundation, Dawkins introduced an additional computer model. This is similar to the trickery used by a magician, namely to use distraction for the purposes of deceiving. One can only reason that Dawkins had to resort to these tactics because the evidence for his theory regarding macroevolution is sorely lacking and basically an argument of ignorance.

In closing, Dawkins focuses on his philosophy with an argument against the existence of God by stating: "A deity capable of engineering all the organized complexity in the world, either instantaneously or by guiding evolution ... must already have been vastly complex in the first place ..." Again, we have come full circle with the rational mind of man being unwilling to accept the supernatural Creator, God. In his book, Dawkins stated "I want to persuade the reader not just that Darwinian world-view happens to be true, but that it is the only known theory that could, in principle, solve the mystery of our existence."

"The Blind Watchmaker," http://en.wikipedia.org/wiki/The_Blind_Watchmaker
"Watchmaker, <https://sites.google.com/site/transcendingproof/watchmaker>

The Dawkins Delusion?

Alister and Joanna McGrath, 2007

This book is subtitled, *Atheist Fundamentalism and the Denial of the Divine*. Alister McGrath, a former atheist and Oxford professor, is an apologist of an Anglican persuasion who advocates for natural theology and theistic evolution. By way of definition, natural theology is a branch of philosophy and theology endeavoring to prove and define God and a doctrine based solely on human reason and the observation of the natural world. *The Dawkins Delusion* was written as a response to arguments put forth in *The God Delusion* by Richard Dawkins. It criticizes Dawkins for a religious fundamentalism which refuses to allow his ideas to be examined or challenged. Both Dawkins and McGrath reject *William Paley's Watchmaker* analogy as plausible, but incorrect. With regard to irreducible complexity, Behe's concept relating to intelligent design, McGrath instead proposed the option of the monotheistic God of Christianity as a viable mechanism in molecule-to-man evolution.

McGrath proceeds to address whether religion specifically conflicts with science, stating that science deals with the temporal and religion deals with the spiritual, but both occasionally intertwine. In this regard, he refers to Francis Collins, head of the human genome project, a fellow theistic evolutionist. Dawkins' lack of training in psychology is criticized when he is supposedly dealing with matters of faith.

Regarding Dawkins' description of the Old Testament God as "a petty, unjust ... a capriciously malevolent bully," McGrath stated that he does not believe in such a god and knows no one personally who does, focusing on Jesus in the New Testament being the object, not the agent, of violence." Conversely, McGrath agrees with Dawkins that it is necessary to have external means of critiquing biblical texts, which is, of course, the basis of the higher critical method of biblical interpretation which discounts the biblical text and the inerrancy of Scripture by using materials outside of Scripture to interpret Scripture. McGrath concludes with the suggestions that belief in God has "rebounded" and that Dawkins' work is more theatre than scholarship.

McGrath refers to Jeremy Craddock, a forensic biologist, who believes that Dawkins contradicted himself by asserting that the fine tuning of the universe needs no explanation. Of course, admitting that is to admit the existence of God who fixed order into the universe. Craddock concludes, "I am sad that Dawkins, once my hero, has descended to unscientific nonsense." Responding to the charge that he is "dogmatic", Dawkins writes that scientists "...are humble enough to say we don't know." Of McGrath, Dawkins remarks, "Christian doctrine is remarkably specific: not only with cut-and-dried answers to the deep problems of the universe and life... and yet McGrath has the almighty gall to accuse me of a 'glossy', 'quick fix', naive faith that science has all the answers. Is McGrath an 'ideological fanatic' because he doesn't believe in Thor's hammer? Of course not. Why, then, does he suggest I am exactly that because I see no reason to believe in the particular God whose existence he, lacking both evidence and humility, positively asserts?"

"The Dawkins Delusion," http://en.wikipedia.org/wiki/The_Dawkins_Delusion%3F

The God Delusion

by Richard Dawkins, 2006

Richard Dawkins was born in Kenya in 1941. He arrived in England in 1949 at the age of eight. His parents were scientists and of the Anglican faith. During his teenage years, Dawkins decided that the theory of evolution made better sense than faith in a Creator-God. In time, he became a professor of biology at Oxford.

Dawkins started his book by calling the god hypothesis which he vehemently rejects, delusional and stated, "There exists a superhuman, supernatural intelligence who deliberately designed and created the universe and everything in it, including us. Such a god figure would be described as being involved in human affairs such as answering prayers, forgiving or punishing sins, and intervening in the world by performing miracles."

Dawkins claims the natural world appears to be designed; however, natural selection offers clear evidence that this is not the case. Natural selection was described as a highly improbable cumulative process, but when viewed as a step-wise progression, not prohibitively improbable. Dawkins states that evolution, from a naturalistic perspective, is the only known process capable of generating complexity from simplicity and a mystery that science will eventually solve. Given his metaphysical viewpoint, a non-empirical study of origins merged with naturalism, this incongruent marriage of philosophies allows Dawkins to divorce himself from god and then claim that his perspective is actually scientifically viable.

Dawkins goes on to critique the intelligent design movement as largely a "God of the gaps" mentality, where a designer is claimed when there is no scientific basis for an event. He calls this being lazy and, in the end, leaving us ignorant and being satisfied to say "God did it," and thereby dismissing the matter. Of course, this places the reasoning of man superior to the mind of God.

In explaining why there almost certainly is no god, Dawkins reverts to Fred Hoyle's comments of the probability of life originating on Earth by chance events and equating that to a Boeing 747 being assembled by a hurricane sweeping through a scrap yard. He suggested that such an event could not happen as a single event, but would likely occur through successive slight modifications. Ultimately, Dawkins states that the universe may appear to be "fine-tuned," but it is not, suggesting that with billions of planets, life is bound to develop somewhere in the universe via chance. This brings up the law of non-contraction, namely that planets and stars orbit in ways indicative of design, not by mere chance. When a premise contradicts itself, it is clearly false. Behind these arguments, Dawkins throws out the question, "Who made God?" Given Dawkins' assertion that the fine tuning of the universe needs no explanation, it appears that he has descended into unscientific nonsense and since he embraces a philosophy that embraces metaphysics this appears not to be an issue for Richard Dawkins.

<http://www.bolton.ac.uk/Chaplaincy/Documents/GodDelusionSummary.pdf>

The Language of God

By Francis Collins

This is a bestselling book advocating theistic evolution. The author is an American physician and geneticist who headed the Human Genome Project. He founded BioLogos in 2007 which supports the idea that true science and faith in Jesus Christ co-exist in perfect harmony. In his book Collins presents the rationale of why he, a naturalist, became a believer. He considers the Moral Law as the strongest argument, basically being a sign post for God. He reported that all cultures and religions endorse the Moral Law and that this selfless altruism is a major challenge for an evolutionist. Collins also indicated that his contact with the writings of C.S Lewis offered him a reasoned case for faith.

Collins supports the evolutionary story for the existence in the universe and indicated that introducing God into the story helps explain what existed before the big bang. He considers Genesis to be poetry, but separates himself from deists since they see God as distant and uninvolved while his perspective is that of a close and loving God. Collins says pain and suffering are necessary in building moral character and a consequence of man's fall into sin. As a believer in naturalism, Collins maintains what he described as a healthy scepticism regarding miracles. He stated that faith should not be shaken by naturalistic explanations regarding origin yet to come. Collins reports that origin-of-life research is promising but not yet at hand, warning that using the "God of the gaps" as proof for God where current gaps in scientific knowledge currently exist, is not wise.

Collins' primary goal in coming from the "motherland of reason," is to establish a faith and science interface, claiming they are in perfect harmony. He frequently quotes Augustine for his "loose" interpretation of Scripture and the geocentric controversy as cautioning against a literal interpretation of Scripture. Actually Augustine was a Young Earth creationist although he did allegorize some aspects of the creation account. Collins, in support of naturalistic explanations, was dismissive of arguments of fossils being formed during the Flood, the lack of intermediates in the fossil record, that radioactive decay rates have not been constant and the Second Law of Thermodynamics precluding evolution. Collins used outdated research regarding "junk DNA" as evidence for evolution. Of course, when *The Language of God* was written in 2006 "junk DNA" was the common misconception; however, more recent research has determined that the so-called "junk DNA" is actually functional. Also, from a theological perspective, Collins objects to intelligence design in that it creates a "God of the gaps" and claims that God must have been clumsy, having to frequently intervene to make his creatures turn out right.

Collins does not deal with the basic problems associated with theistic evolution, namely death before sin and theodicy, i.e., the defence of God's goodness and omnipotence in view of the existence of evil. So with a picking and choosing perspective similar to C. S. Lewis regarding miracles, Collins rejects the Genesis account as historical narrative while still holds to the resurrection of Jesus Christ as a fact based on extra-Scriptural sources.

In closing his book, Collins shares his inability to meet God's standard of perfection explaining that Christ's redemptive sacrifice made sense. When the philosophy of naturalism which was established to reject God, is merged with Scripture which proclaims the supernatural God of the universe, the only expected outcome will be that of ongoing discord.

<http://creation.com/harmony-and-discord-a-review-of-francis-collins-book-the-language-of-god>

QUIZ ON APOLOGETICS – DEFENDING THE FAITH

(Written for a middle elementary population and intended only to provoke discussion - Each question equals 2.5 %)

True (T) and False (F) questions.

1. ____ The Neanderthal man is a cave man who lived before Adam.
2. ____ Real science says that evolution is not possible.
3. ____ Noah's Flood changed the Earth by the action of much water.
4. ____ The Bible has many stories, some of which are myths (untrue).
5. ____ Dinosaur stories and pictures show that dinosaurs lived with man.
6. ____ We can trust what magazines and TV say about Earth's history.
7. ____ Some smart people say that life actually came from non-life.
8. ____ A fish cannot become a reptile after millions of years.
9. ____ Well-known evolutionists say that life came to Earth by aliens.
10. ____ The geologic column is essentially an imaginary visual creation by secularists which supports the theory of evolution.

Use either (E) for Evolution or (S) for Scripture:

11. ____ The eight generations from Noah to Abraham were in the Ice Age.
12. ____ Radiometric dating gives the true age of the Earth.
13. ____ People can use their reason to find God's truth.
14. ____ A philosophy is an example of science.
15. ____ Major changes on Earth have included only wind/water erosion.
16. ____ There was only one Ice Age on the Earth.
17. ____ Genesis 1 does not say if a "day" was 24 hours or much longer.
18. ____ Time plus random change and nature caused life on Earth.
19. ____ God by His Word created the universe out of absolutely nothing.
20. ____ God's Word implies that the Earth is very young.

Multiple Choice

21. ____ The Genesis Flood covered which part(s) of the Earth? A) most B) small parts C) all.
22. ____ God created the Earth as.. A) one land mass B) the 7 continents as we see them today.
23. ____ The Bible tells us that God is a.. A) natural being B) supernatural being.
24. ____ Creationists believe that the Grand Canyon came into existence. A) by erosion over millions of years B) due to a dam breaking and releasing a large lake which rapidly eroded the canyon.

FILL IN THE BLANKS

DNA	Natural Selection	Cavitation	Dinosaur	Lucy
Big Bang	Radiometric dating	Mt. St. Helens	C-14 Dating	Mutation
Tectonics	Geologic column	Evolution	Noah's Flood	

25. _____ An attempt to show that man evolved from a monkey.
26. _____ Used by scientists supposedly to find the age of rocks.
27. _____ The most dramatic example of a catastrophe.
28. _____ An imaginary model of what secularists claim the Earth's rock layers look like.
29. _____ Animal used to introduce children to evolution.
30. _____ Belief that the universe came into being slowly over billions of years.
31. _____ Water rapidly wearing away rock solid rock.
32. _____ Used to find the relative age of plant/animal material.
33. _____ Most popular theory of biological evolution.
34. _____ A blueprint in the form of language that tells the cell how to make an animal or human.
35. _____ An example of the massive damage a small volcano could do during the global flood.
36. _____ A permanent alternation in genetic material.
37. _____ Secularists claim the universe was made by this type of explosion.
38. _____ Seven or eight major plates that float on the Earth's lithosphere.

Short Answer

39. Why are evolution and Christianity both a religion?
40. In the evolution and Scripture debate, what does skeptic refer to?

Keep in mind that this quiz is intended to be is an instructional tool, not to evaluate performance. It is meant to be the first step in helping students differentiate between the truth of Scripture and the nonsense of evolution.

QUIZ ON APOLOGETICS – ANSWER KEY

(Written for a middle elementary population and intended only to provoke discussion - Each question equals 2.5 %)

True (T) and False (F) questions.

1. F The Neanderthal man is a cave man who lived before Adam.
2. T Real science says that evolution is not possible.
3. F Noah's Flood only changed the Earth by the action of much water.
4. F The Bible has many stories, some of which are myths (untrue).
5. T Dinosaur stories and pictures show that dinosaurs lived with man.
6. F We can trust what magazines and TV say about Earth's history.
7. T Some smart people say that life actually came from non-life.
8. T A fish cannot become a reptile after millions of years.
9. T Well-known evolutionists say that life came to Earth by aliens.
10. T The geological column is essentially an imaginary visual creation by secularists which supports the theory of evolution.

Use either (E) for Evolution or (S) for Scripture:

11. S The eight generations of Noah to Abraham were in the Ice Age.
12. E Radiometric dating gives the true age of the Earth.
13. E People can use their reason to find God's truth.
14. S A philosophy is an example of science.
15. E Major changes on Earth have included only wind/water erosion.
16. S There was only one Ice Age on the Earth.
17. E Genesis 1 does not say if a "day" was 24 hours or if much longer.
18. E Time plus random change and nature caused life on Earth.
19. S God by His Word created the universe out of absolutely nothing.
20. S God's Word implies that the Earth is very young.

Multiple Choice

21. C The Genesis Flood covered which part(s) of the Earth A) most B) small parts C) all.
22. A God created the Earth as A) one land mass B) the 7 continents as we see it today.
23. B The Bible tells us that God is a A) natural being B) supernatural being.
24. B Creationists believe that the Grand Canyon came into existence A) by erosion over millions of years B) due to a dam breaking and releasing a large lake which rapidly eroded the canyon.

FILL IN THE BLANKS

DNA	Natural Selection	Cavitation	Dinosaur	Lucy
Big Bang	Radiometric dating	Mt. St. Helens	C-14 Dating	Mutation
Tectonics	Geologic column	Evolution	Noah's Flood	

25. Lucy - A recent attempt to show that man evolved from a monkey.
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33. Natural selection - Most popular theory of biological evolution.
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36. Mutation - A permanent alteration in genetic material.
37. Big bang - Secularists claim the universe was made by this type of explosion.
38. Tectonics - Seven or eight major plates that float on the Earth's lithosphere.

Short Answer

39. Why are evolution and Christianity a form of religion?
They are both belief systems.
40. In the evolution and Scripture debate, what does a skeptic refer to?
A skeptic is one who calls into a question a concept, namely the truth of Scripture and God being the Creator of all things.

Keep in mind that this quiz is intended to be an instructional tool, not to evaluate performance. It is meant to be the first step in helping students differentiate between the truth of Scripture and the nonsense of evolution.