## God's Creation Timeline – Misunderstood with Incomplete Truth

Before investigating creation, I doubted the Bible's accuracy and accepted the idea of the earth being 4.5 billion years old. So how could I expect the Bible to give me an accurate image of God? As a child, I learned about Jesus at a church that didn't teach the Bible was accurate. I believed Jesus was real and sent from God. but also accepted the modern-day delusion of an old-earth, which overshadowed my personal "Image of God." I set my "oldearth" assumptions aside and read books on creation. I also attended a creation course taught by Donald Chittick (a Ph.D. expert on radiological dating methods) at George Fox College. I discovered countless resources supporting the actual Biblical record of creation and the worldwide flood event. Surprisingly, I found most informed, "Creationists" studied both creation and evolution in detail, whereas many "Evolutionists" did not bother considering creation science or evidence of a "Young Earth." In his book, The Science Delusion (the United States version is Science Set Free), Dr. Rupert Sheldrake exposes the prejudice and delusion of modern science paradigms that shackle people's minds and limit a clear understanding of our earth's origin.<sup>2</sup> Compare the science of creation versus evolution:

a. The grandeur and complexity of God's creation is evident to all. Psalm 19:1-4 The heavens declare the glory of God; the skies proclaim the work of His hands. Day after day they pour forth speech; night after night they reveal knowledge. They have no speech, they use no words; no sound is heard from them. Yet their voice goes out into all the earth, their words to the ends of the world. In the heavens, God has pitched a tent for the sun.

**<sup>1</sup>** Excellent resources for understanding a "Young Earth View" of human origins & creation:

a) Genesis Apologetics, P.O. Box 1326, Folsom, CA 95763-1326 (844-743-6374).

Provides resources on "core" Creationist positions. <a href="https://genesisapologetics.com/product/1-free-genesis-app/">https://genesisapologetics.com/product/1-free-genesis-app/</a>

b) DVD - Produced by Thomas Purifoy Jr., <u>Is Genesis History</u>; (Compass Cinema, 2017). ISBN: 9780979852497; UPC: 723466876100; available at <u>www.isgenesishistory.com</u>

c) Bryan Osborne & Bodie Hodge, **Quick Answers to Tough Questions**; (Master Books, New Leaf Publishing, July 2017). ISBN: 978-1-68344-010-9; <a href="https://www.masterbooks.com">www.masterbooks.com</a>

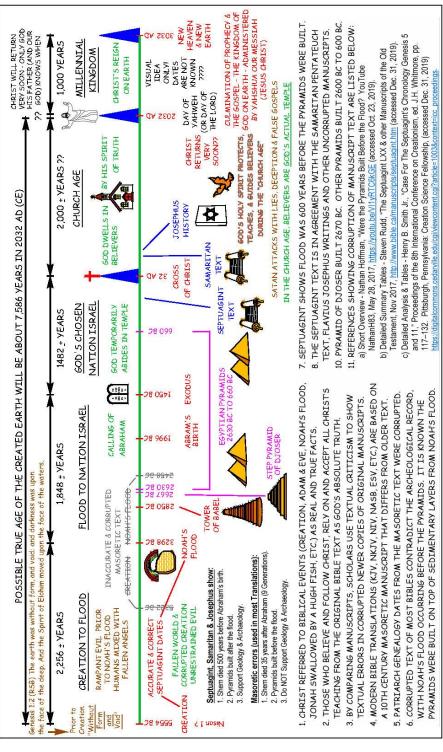
d) Robert Carter, Ph.D. <u>Evolution's Achilles' Heels</u>;(Powder Springs, Georgia: Creation Book Publishers November 2015). ISBN: 978-1-921643-82-8; <u>www.creation.com</u>

**<sup>2</sup>** Rupert Sheldrake, <u>The Science Delusion</u> or <u>Science Set Free</u>; (Deepak Chopra, 2013) ISBN-10: 0770436722 or ISBN-13: 978-0770436728; <a href="https://www.sheldrake.org/">https://www.sheldrake.org/</a>

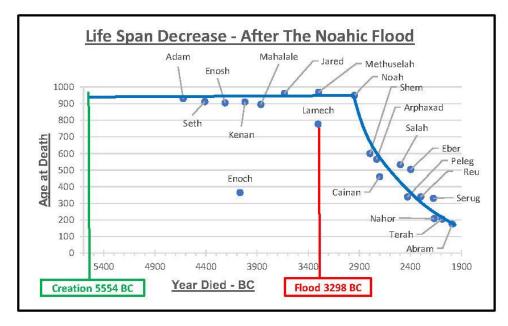
- b. We can study both <u>Historical Science</u> and <u>Observational</u>
  <u>Science</u>. Historical Science describes a catastrophic flood from the Bible. Observational Science explains the flood and creation using Laws of Science that are (1) Measurable, and (2) Repeatable facts that conflict with the evolutionary hypothesis.
  - 1. First Law of Thermodynamics Observational Science The total quantity of energy and matter in the universe is constant. Historical Science Genesis 2:1-3 The heavens and the earth were completed in all their vast array. By the seventh day, God had finished the work He had been doing; so on the seventh day, He rested from all His work. Then God blessed the seventh day and made it holy, because on it He rested from all the work of creating that He had done.
  - 2. Second Law of Thermodynamics Observational Science Also called a law of increasing entropy, all things go from order to disorder the universe is continually deteriorating, becoming less and less orderly.

    Historical Science Psalm 102:25-26 In the beginning, you laid the foundations of the earth, and the heavens are the work of your hands. They will perish, but you remain; they will all wear out like a garment. Like clothing, you will change them and they will be discarded.
  - 3. Law of Biogenesis Observational Science Life only comes from life. Historical Science John 1:1-5 In the beginning, was the Word, and the Word was with God, and the Word was God. He was with God in the beginning. Through Him all things were made; without Him, nothing was made that has been made. In Him was life, and that life was the light of all mankind. The light shines in the darkness, and the darkness has not overcome it.
- c. Archaeologists are verifying the accuracy of the TRUE Biblical record timeline. Recent discoveries show the actual location of the Red Sea Crossing (Bay of Aqaba) and Mt. Sinai (in Saudi Arabia). There is no discrepancy between the "true" Biblical and archeological record if <u>accurately</u> interpreted. Modern Bible translations (from corrupted manuscripts) give inaccurate dates. The true Biblical and historical timelines are in agreement.

**<sup>3</sup>** Answers in Genesis, "Science Confirms the Bible" YouTube Answers in Genesis, May 28, 2017, <a href="https://www.youtube.com/watch?v=CFYswvGoaPU">https://www.youtube.com/watch?v=CFYswvGoaPU</a> (accessed March 12, 2020).



this material may be freely used, copied & distributed. Created on Aug. 30, 2021 (edited June 25, 2024) Possible Bible Timeline - Based on uncorrupted Septuagint Ages - Creation at 5554 BC. Earth Age = 7,578 years at 2024 AD. Developed by God's Truth Ministry (www.godstruth.us) 503-557-5500



## Life Span Graph Notes:

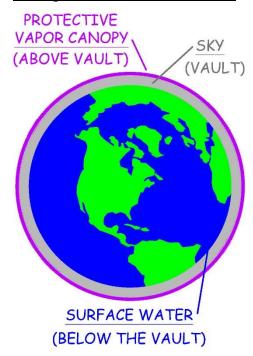
Enoch did not die A natural death. God took him from the earth. *Genesis 5:24 God took him away.* 

Methuselah (Noah's grandfather) and Lamech (Noah's father) died near the flood date.

#### **Our Decreased Life Span**

During the flood, the vapor canopy collapsed & protection from radiation was lost. Life spans were reduced from 950 years to 120 years with a new equilibrium of the earth's systems (biosphere, atmosphere, hydrosphere, lithosphere, etc.). Genesis 6:3 "My Spirit will not contend with humans forever, for they are mortal; their days will be a hundred and twenty years."

# "Young Earth" Pre-Flood Model



### PROTECTIVE "VAPOR CANOPY"

- d. Using a "Young Earth" Biblical understanding, Creationists have built a hypothetical model, of a Pre-Flood earth based on geological and paleontology discoveries.<sup>4</sup> Genesis describes the catastrophic events of the Noahic Flood as follows:
  - 1. The Pre-Flood earth is described with a water canopy over the sky (vault): Genesis 1:6-8 God said, "Let there be a vault between the waters to separate water from water." So God made the vault and separated the water under the vault from the water above it. And it was so. God called the vault "sky."
  - 2. Before the Flood, there was no rain: Genesis 2:5-6 No shrub had yet appeared on the earth and no plant had yet sprung up, for the Lord God had not sent rain on the earth and there was no one to work the ground, but streams came up from the earth and watered the whole surface of the ground.
  - 3. The <u>vapor canopy collapse</u> caused a torrential rain with added impact from <u>subterranean magma upheavals</u>: Genesis 7:11-12 In the six hundredth year of Noah's life, on the seventeenth day of the second month—on that day, all the <u>springs of the great deep burst forth</u>, and the <u>floodgates of the heavens were opened</u>. And rain fell on the earth forty days and forty nights.
  - 4. There was no rain prior to the Flood. The rainbow was a sign another flood like this would not occur: Genesis 9:11-13 I establish my covenant with you: Never again will all life be destroyed by the waters of a flood; never again will there be a flood to destroy the earth." And God said, "This is the sign of the covenant I am making between Me and you and every living creature with you, a covenant for all generations to come: I have set My rainbow in the clouds, and it will be the sign of the covenant between Me and the earth.
- e. Perceived discrepancies in the Biblical and archeological records can now be explained, showing the historical timelines and Bible are in agreement. Nathan Hoffman provides a clear explanation of the Biblical timeline and manuscript variations on his YouTube Channel (*NathanH83*). He clarifies the patriarch ages, the Flood date with the Septuagint, Samaritan Pentateuch, and works of Josephus. In addition, Nathan specifically references

**<sup>4</sup>** NW Creation Network, 8019 196th St. SW #4C, Edmonds, WA 98026 – Educational Resources Online, <a href="https://www.nwcreation.net/ageyoung.html">https://www.nwcreation.net/ageyoung.html</a> (accessed Jan-14-2020).

the work of four reliable authorities who all believed and accepted the Greek Septuagint's record of the patriarch ages.<sup>5</sup>

- 1. Flavius Josephus 1st century Jewish historian
- 2. Theophilus of Antioch 2nd century church historian
- 3. Julius Africanus 3rd century church historian
- 4. Eusebius of Caesarea 4th century church historian

Steven Rudd is another resource on the patriarch ages and provides an in-depth analysis (with graphic tables).<sup>6</sup> Bible translations today (NKJV, NIV, NASB, ESV) use the corrupted Masoretic text, instead of the older Septuagint text. Inaccuracies can now be exposed on the corrupted manuscripts.<sup>7</sup>

Manuscript	Date	Flood	Creation		
Hebrew Masoretic	1008 AD	2518 BC	4114 BC		
Greek Septuagint	400 AD	3298 BC	5554 BC		
Samaritan Pentateuch	200 AD	3108 BC	4415 BC		
Flavius Josephus	900 AD	3236 BC	5492 BC		
Henry B. Smith Jr.	Refer to	3298 BC	5554 BC		
reconstruct Genesis 5 & 11	Footnote 8	3298 BC	5554 BC		

In his paper "The Case for the Septuagint's Chronology in Genesis 5 and 11," from the Proceedings of the Eighth International Conference on Creationism, Henry B. Smith Jr. concluded genealogies in today's Bible translations of Genesis 5 and 11 are inaccurate. He states the Masoretic Text Translations show the chronology of Adam to Abraham as "... 2008 years. The Samaritan Pentateuch presents markedly different chronological data for each epoch, for a grand total of 2249

- 5 Nathan Hoffman, "Were the Pyramids Built Before the Flood?" YouTube NathanH83, May 28, 2017, <a href="https://youtu.be/VI1yRTC6kGE">https://youtu.be/VI1yRTC6kGE</a> (accessed Oct. 23,2019). Nathan Hoffman, "How Long Were The Israelites In Egypt?" YouTube NathanH83, Oct. 10, 2018, <a href="https://www.youtube.com/watch?v=yrVs5Hqqth">https://www.youtube.com/watch?v=yrVs5Hqqth</a> (accessed Oct. 25,2019). Nathan Hoffman, "William Lane Craig Septuagint Vs. Masoretic Genealogies." YouTube NathanH83, May 19, 2020, <a href="https://www.youtube.com/watch?v=yrVs5Hqqth">https://www.youtube.com/watch?v=yrVs5Hqqth</a> (May 21,2020).
- **6** Steven Rudd, "The Septuagint LXX and other Manuscripts of the Old Testament, Nov 2017, <a href="http://www.bible.ca/manuscripts/septuagint.htm">http://www.bible.ca/manuscripts/septuagint.htm</a> (accessed Dec-31-2019).
- **7** An excellent resource for understanding the Historical Accuracy of the Bible is the Associates for Biblical Research, PO Box 144 Akron PA 17501, (Henry B. Smith Jr. is the Administrative Director), <a href="https://biblearchaeology.org">https://biblearchaeology.org</a> (accessed Jan. 1, 2020).
- 8 Henry B. Smith Jr., "The Case For The Septuagint's Chronology In Genesis 5 And 11," Proceedings of the 8th International Conference on Creationism, ed. J.H. Whitmore, pp. 117–132. Pittsburgh, Pennsylvania: Creation Science Fellowship, (Dec. 31, 2019) <a href="https://digitalcommons.cedarville.edu/cgi/viewcontent.cgi?article=1003&context=icc\_proceedings.">https://digitalcommons.cedarville.edu/cgi/viewcontent.cgi?article=1003&context=icc\_proceedings.</a>

years. Calculations derived from the primary manuscripts (MSS) of the Greek Septuagint (LXX) yield a chronology of 3394 years for this period, 1386 years greater than" [Masoretic translations (NKJV, NIV, NASB, ESV, etc.) and] "...places creation at 4004 BC and the Flood at 2348 BC." The Septuagint (LXX) places "creation at ca. 5554 BC and the Flood at ca. 3298 BC". He suggests the Masoretic Translations "...does not represent the original text, and is the result of a deliberate and systematic post AD 70 corruption." Refer to the following summary:

#### The Difference In Manuscript Genealogies From Genesis

Patriarch	Birth Year from	Age at	Age	Birth	Age			Dist	Δ				
A	Adam	Son Birth	at Death	Year from Adam	at Son	Age at Death	Birth Year BC	Birth Year from Adam	Age at Son Birth	Age at Death	Birth Year from Adam	Age at Son Birth	Age at Death
Adam	0	130	930	0	130	930	5554	0	230	930	0	230	930
Seth	130	105	912	130	105	912	5324	230	205	912	230	205	912
Enosh	235	90	905	235	90	905	5119	435	190	905	435	190	905
Kenan (Cainan)	325	70	910	325	70	910	4929	625	170	910	625	170	910
Mahalale	395	65	895	395	65	895	4759	795	165	895	795	165	895
Jared	460	162	962	460	62	847	4594	960	162	962	960	162	962
Enoch	622	65	365	522	65	365	4432	1122	165	365	1122	165	365
Methuselah	687	187	969	587	67	720	4267	1287	187	969	1287	187	969
Lamech	874	182	777	654	53	653	4080	1474	182	777	1474	182	753
Noah	1056	502	950	707	502	950	3898	1656	502	950	1656	500	950
Shem	1558	100	600	1209	100	600	3396	2158	100	600	2156	100	600
Arphaxad	1658	35	438	1309	135	438	3296	2258	135	565	2256	135	465
Cainan	-			-	_		3161	2393	130	460	2391	130	460
Salah (Sala)	1693	30	433	1444	130	438	3031	2523	130	533	2521	130	460
Eber (Heber)	1723	34	464	1574	134	404	2901	2653	134	504	2651	134	504
Peleg (Phaleg)	1757	30	239	1708	130	239	2767	2787	130	339	2785	130	339
Reu (Ragau)	1787	32	239	1838	132	239	2637	2917	132	339	2915	132	339
Serug	1819	30	230	1970	130	230	2505	3049	130	330	3047	130	330
	1849	29	148	2100	79	148	2375	3179	79	208	3177	79	208
Terah	1878	70	205	2179	70	145	2296	3258	130	205	3256	70	205
Abram - Birth	1948	100	175	2249	100	175	2166	3388	100	175	3326	100	175
Septuagint	1440	Less	Years	1139	Less	Years		0	Base	Year	62	Less	Years
Todays Year	2020	AD	Noah	600	Years	Old at	Flood	Abr	aham'	s Birth	2166	BC	
Creation	4114	ВС		4415	ВС			5554	ВС		5492	ВС	
Age of Earth	6134	Years	6	6435 Years			7574 Years			7512 Years			
Flood - BC	2458	BC		3108	BC			3298	BC		3236	BC	
Djoser Pyrmd	2670	BC	Pyra	amids Built Before Abraham									
Egypt Pyrmds	2630	BC	Pyramids Built Before Abraham					464	Years	3			

Dates from "Uncorrupted" Manuscripts. Reliable resources were Steven Rudd and Henry B. Smith Jr.

<sup>1.</sup> Steven Rudd, "Bible Chronology Charts-Septuagint (LXX) vs. corrupted Masoretic, Nov 2017.

Henry B. Smith Jr, "The Case for Septuagint's Chronology In Genesis 5 & 11," 8th International Conf. on Creationism, Editor J.H. Whitmore, pp. 117–132. Pittsburgh: Creation Science Fellowship, 2018.

- f. The Bible shows us God's purpose and His truth. Increased evidence and understanding support the accuracy of the Bible and how God's intelligent design permeates all living creatures from humans to dinosaurs. Fossils show plants and animals are the same throughout history, with no changes or transitional links. Common sense tells us a building has a builder; a painting has a painter; a book has an author; and our earth has a creator. Below are reference proofs for a young earth created by God:
  - 1. The presence of DNA and Soft Tissue in Dinosaur Bones

    "Researchers are confirming that soft tissue are present in fossils..." <a href="Iizard's keratin">Iiizard keratin</a>. This finding suggests that neither the biochemistry nor the lizard has evolved. A rapidly buried lizard skin in which biomolecules have survived should not surprise scientists who accept the Bible's account of earth's history"... <a href="Iiia">11</a>
  - 2. Unusually little seafloor sediment Points to a Young Earth "...About 20 billion tons of dirt and rock debris from the continents and deposit them on the seafloor....Yet the average thickness of all these sediments globally over the whole seafloor is not even 1,300 feet (400 m)...This evidence makes sense within the context of the Genesis Flood cataclysm, not the idea of slow and gradual geologic evolution..." 12
  - 3. Adaptation versus Evolution (the Micro/Macro Deception)

    "One of the dirty little secrets most people don't know is that there are, in fact, 2 types of Evolution Micro-evolution, and Macro-evolution. Micro-evolution happens all the time and is perfectly Biblical. Macro-evolution is what Darwin claimed, and it never happens....Evolutionists fill our textbooks, news reports and peer review publications with legitimate examples of observed Micro-evolution and no examples of observed Darwinian....or Macro-evolution. (Because there aren't any) The evolutionists then lump it all together and call it "proof of evolution."..."This "Micro-evolution" is fully accepted by Creation Scientists. [Adaptation] It has always been seen as an example of God's brilliance in creating all life forms with more genetic information than they use at any given time. This allows them to adapt to various environmental

**<sup>9</sup>** Ray Comfort, "Ten of the Top Scientific Facts in the Bible", YouTube Living Waters, Feb. 10, 2017, https://www.youtube.com/watch?v=t2sMJMXDiH4 (Jan-4-2020).

**<sup>10</sup>** Dinosaurs & the Bible (Debunking 7 Myths) YouTube Genesis Apologetics, Aug. 27, 2019, https://www.youtube.com/watch?v=m3vQvgfwvbc&t=54s (Accessed Jan. 6,2020).

**<sup>11</sup>** Dr. Tommy Mitchell, "More Soft Tissue in "Old" Fossils: Design in Nature", *Answers Magazine*, July 1, 2011; last featured October 12, 2014, (accessed October 23,2019), <a href="https://answersingenesis.org/dinosaurs/bones/more-soft-tissue-in-old-fossils/">https://answersingenesis.org/dinosaurs/bones/more-soft-tissue-in-old-fossils/</a>

**<sup>12</sup>** Dr. Andrew A. Snelling, "Very Little Sediment on the Seafloor:" <a href="https://answersingenesis.org/geology/sedimentation/1-very-little-sediment-on-the-seafloor/">https://answersingenesis.org/geology/sedimentation/1-very-little-sediment-on-the-seafloor/</a> (Accessed Oct-23-2019)

- 4. Science Confirms Creation Genetics, DNA and Geology Astrophysicist and author, Dr. Jason Lisle, gives one of the best presentations on scientific facts in (1) genetics, (2) information science, and (3) geology, in the video, "Science Confirms Biblical Creation." 14 Dr. Lisle explains assumptions used in the theory of evolution and exposes faults with the evolutionary arguments. Dr. Lisle's other books and resources include:
  - 1. The Ultimate Proof of Creation: Resolving the Origins Debate
  - 2. Discerning Truth: Exposing Errors in Evolutionary Arguments
  - 3. The Stargazer's Guide to the Night Sky
  - 4. Taking Back Astronomy: The Heavens Declare Creation
  - 5. Why Genesis Matters: Christian Doctrine & the Genesis Account
  - 6. <u>www.jasonlisle.com</u> <u>www.icr.org</u> (Acts & Facts Magazine)
- 5. Carbon-14 Supports a <u>Biblical Account of a Young Earth</u>
  "In <u>Dr. Libby's original work, he noted that the atmosphere did not appear to be in equilibrium</u>...he attributed it to experimental error. However, the discrepancy has turned out to be very real. <u>The ratio of 14C /12C is not constant</u>"..."the assumptions were evaluated and shown faulty; the results supported the biblical account of a global Flood and young earth."... 15

# 6. Our Complexity is Beyond Perception (Partial Quotations):16

- Your body has 100 Trillion Cells, but at conception, there was one single tiny cell with all the complexity that defines you and all your organs.
- 10,000 average size human cells can fit on the head of a pin.
- All species are complex, with unique immune systems designed to defend.
- Your brain has 100,000,000,000,000 electrical connections (100 Trillion)
   More than all the connections of all the electrical appliances in the world!
- The back of your eye has over 137 million light-sensitive cells wired to your brain. Your eye is self-cleaning and self-healing, as created by God and is not the result of arbitrary, blind, undirected, and meaningless chance.
- Cells have unique molecular transports moving materials within a cell.

<sup>13</sup> Bob Dutko, "Evidence for Creation vs. Evolution: Top 10 Proofs", P.O. Box 380942, Clinton Twp., MI 48038; <a href="http://www.toptenproofs.com/article.php?id=6">http://www.toptenproofs.com/article.php?id=6</a> (Oct-23-2019).

**<sup>14</sup>** Dr. Jason Lisle, Ph.D., "Science Confirms Biblical Creation", Institute for Creation Research, Calvary Chapel Quakertown YouTube, Aug. 24, 2016, <a href="https://www.youtube.com/watch?reload=9&v=XatoDTIXRgY&feature=youtu.be">https://www.youtube.com/watch?reload=9&v=XatoDTIXRgY&feature=youtu.be</a> (accessed Apr-7-2020).

**<sup>15</sup>** Mike Riddle, "Doesn't Carbon-14 Dating Disprove the Bible?:Chapter 7", *The New Answers Book 1*, September 20, 2007,(accessed October 23,2019), <a href="https://answersingenesis.org/geology/carbon-14/doesnt-carbon-14-dating-disprove-the-bible/">https://answersingenesis.org/geology/carbon-14/doesnt-carbon-14-dating-disprove-the-bible/</a>

**<sup>16</sup>** Michael Dimond, Creation is Scientific Fact, Wake Up YouTube, Feb-25-2019, <a href="https://www.youtube.com/watch?v=JWM5sX132nA&feature=youtu.be">https://www.youtube.com/watch?v=JWM5sX132nA&feature=youtu.be</a> (accessed Apr-16-2020).

- Some cell bacteria use a 100,000 rpm flagellar motor to move in the cell.
- A flagellar motor has 30 separate protein parts assembled in an exact order, structure, location, and time - or it will not work, and the cell dies.
- Eight million flagellar motors would fit within a human hair cross-section.
- Cells use thousands of proteins, the simplest cell using 600 different kinds.
- Proteins made by sequencing 50 to 1,000 specific amino acids (20 types).
- Some proteins have thousands of sequenced amino acid chains.
- The 20 different amino acid types must be in a specific order for a protein to function. They are placed in the correct sequence by DNA in the cell.
- DNA is a master code with a four-letter chemical alphabet ATCG.
- If DNA is absent, amino acids can't be placed correctly, a protein is not formed, and the cell will not survive. But DNA cannot function without at least 75 pre-existing proteins - only produced by DNA. Both are needed.
- DNA and proteins appeared at the same time as created by God.
- DNA fiber is two-millionths of a millimeter thick, but exceptionally long when uncoiled and flattened. DNA from one of your cells stretches out to 7 feet.
- Yet DNA is so thin that it can't be seen with an electron microscope.
- If all the DNA present in your body were stretched out and placed end to end, it would run from the Earth to the moon over 500,000 times.
- Yet if you collected a set of DNA from all the people who ever lived on earth, the combined DNA of all people would weigh less than an aspirin.
- DNA is worthless without a system in our cells that can understand the DNA language and translate it into "machines" to build proteins correctly.
- Our cells also make identical copies of DNA with special protein machines that copy, proofread, detect errors, and correct mistakes in our DNA.
- Life includes not just matter and energy, but we have information from an intelligent source that created it and put the full data code in each cell.

### 7. Darwinism's Faults & Destruction of Society (Partial Quotes):17

- <u>Fault 1</u> NO missing links. Life appeared abruptly. Fictional drawings of a Nebraska man "culture" came from <u>one tooth</u>" – later found to be a pig.
- <u>Fault 2</u> Microevolution = species <u>adaptation</u>, <u>NOT</u> species evolution.
- Fault 3 After 170 years of looking for transitions there are none.
- In a letter to Fredrick Engels, Karl Marx claimed Darwinism was the foundation for communism and justified the Survival of the Fittest.
- Communism is rooted in atheism. God is replaced with the State.
- Adolph Hitler used evolutionary Darwinism to justify building a master race
   the epitome of Survival of the Fittest by the genocide of millions.
- In Darwinism, death has no hope but brings fatalistic progress. In Christianity, death is an enemy overcome by the Gospel of Christ.

<sup>17</sup> Dr. D. James Kennedy, Darwin's Deadly Legacy, Wake Up YouTube, Apr-19-2014, <a href="https://www.youtube.com/watch?v=-qHb3uq100Q&feature=youtu.be">https://www.youtube.com/watch?v=-qHb3uq100Q&feature=youtu.be</a> (Apr-16-2020).