

The Evolution of Genesis

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For more than a century and a half after the publication of Charles Darwin's "*The Origin of Species*" a controversy has raged between the scientific account of creation and the young-earth creationists' version based on a literal reading of Genesis. The following excerpts are from the book *The Evolution of Genesis the Commonsense Biblical Interpretation*, which is listed in Amazon Books. They present a rational interpretation of Biblical text that is supported by modern science and provide a rational alternative to the mythical young-earth creationist interpretation of Genesis. Pay particular attention to the three experiments presented because they will demonstrate the flaws in creationist claims.

Relax. Your Bible is safe and only requires a commonsense interpretation.

Noah's Ark and the Flood

Was there a worldwide flood of Noah as described in Genesis chapters 6 through 8? According to young-earth creationists, a literal reading of the Biblical text clearly indicates there was a world-wide flood, an ark constructed of some sort of wood and similar in design to Exhibit-1. The first clue that the literal reading of the text is misleading is found in Genesis 6:7 where God is destroying all life on earth. That would include little children and infants and place God in the gutter with all the murderous tyrants of human history. Why would the author attribute the cause of the flood to God? In the era that the flood took place it was commonly assumed that if there was a natural disaster it was God, or the Gods, punishing humanity for some transgression. The Bible however provides clues that there was no world-wide flood, and there are experiments anyone can conduct that will demonstrate that this is so. These are experiments that could have been conducted at any time during the last three thousand years.

Was there a world-wide flood?

In Genesis 8:11, the dove that Noah sent out returned with a fresh olive leaf. If the olive tree had been completely submerged under water, as Genesis 7:20 states, and for five months as Genesis 7:11 and 8:4 claim, the tree would be dead and leafless. Any arborist or olive orchard operator can testify to that fact. The following three experiments will demonstrate that the flood was not world-wide.

Experiment One – The Olive Tree

I purchased a small five-foot olive tree from a local nursery, placed it in a burlap sack with two bricks on the bottom for weight, secured the top of the sack around the trunk of the olive tree and attached a cord to facilitate lowering and raising the tree. The olive tree was completely submerged in my swimming pool and left there for not five months but three. The first month nothing seemed to be happening. The second month leaves began to appear on the bottom of the pool. At the end of the third month the tree was leafless. The tree was then raised from the pool and planted in potting soil and cared for. After a month a gentle flexing of the outer branches caused them to snap off.

At the end of another month the truck snapped off. The tree was not only leafless but dead. The dove therefore could only have returned with a leaf from an olive tree that had never been underwater, and thus there was no world-wide flood, and God did not cause the death of anyone. See Exhibits 2 & 3.

Experiment Two – What would the herbivories have to eat once they left the Ark?

Obtain a small aquarium, or other suitable deep container, a plastic planter pan and several square feet of grass sod. Place grass sod in both the aquarium and the planter tray and cover the aquarium with window screen to prevent mosquitoes from breeding. Water both for a month to insure that the grass is growing and healthy. At the end of the month add water to the aquarium and completely submerge the grass. In one months' time, syphon off the water in the aquarium. What is left is yellow, stinking, inedible goo. See Exhibits 4 & 5.

Experiment Three – Noah's Vineyard

After the flood Noah is said to have planted a vineyard. If so the vines would have been planted in soil that was saturated with salty sea water. Obtain a second plastic planter tray. Clean the existing one and obtain a bag of potting soil and a variety of seeds. I used barley, oats, rye and wheat seed obtained from Peaceful Valley Farm & Garden Supply storeandnursery@groworganic.com. Fill each tray with potting soil. Label one "Water" and water the soil well with plain water. In the other, mix up a salt water solution by filling a one gallon milk jug half full with plain water and adding salt water from the ocean making a half and half solution. If ocean water is not readily available, then make up a solution of salt water by adding 2 1/3 ounces of common table salt to a gallon of water and use this in lieu of ocean water. If you do not have a scale, then measure out a little more than 4 1/2 level tablespoons of common table salt per gallon of water. If you use sea salt or rock salt, grind it to a powder first. Adding the salt produces a salt solution equal to that of the ocean water³. Young-earth creationists will falsely insist that the ocean was less salty in ancient times or that the flood water did not contain salt. They have yet to explain why there are 71 trillion tons of salt 1,200 feet under southeast Michigan and still larger deposits in the Midwest. Water the soil in the second tray with the half plain water and salt water solution and label the tray "Salt Water." Next create four furrows in each tray. Plant a variety seeds in every row and lightly cover with soil and place in a location where the trays will receive sunlight. Water both lightly if the soil begins to dry out. In about seven days green growth will emerge from the tray with plain water. Nothing will emerge from the salt water tray. Grape vines are especially sensitive to salt water, and Noah would not be able to grow grapes as stated in Genesis 9:20, or any grain crops, with soil saturated with salt; thus further proof that there was no world-wide flood. See Exhibit 6.

There is a potential fourth experiment involving placing meat outdoors exposed to the air. Anyone should know that in short order that any flesh under the sea would be consumed by scavengers and flesh on land by maggots and nothing would be left for the carnivore other than bones.

Was there a local flood?

According to Genesis 7:11 and 8:14 the flood lasted 12 months and 10 days. That is an unusually long time for a river flood, but it does match the flood caused when the Mediterranean Sea broke through at the mouth of the Bosphorus and flooded the Black Sea creating a massive water fall some two miles in width and four hundred feet high and caused the shore of the Black Sea to advance on average at the rate of a

thousand feet a day as described in the book '**Noah's Flood**'². Such a flood would have been terrifying to those in the area causing them to flee. If Noah had drifted far out into the Black Sea, and eventually lost sight of land, by his reckoning the whole world must be underwater. In the ancient world natural disasters were typically considered brought on by God as punishment for some misdeed and would lead Noah to believe the world had been destroyed by God.

Translations once again cause problems. The King James Bible says that the mountains were covered by water (Genesis 7:20). But the Hebrew word '**har**' may also mean hill. The King James also infers that the flood was over the entire earth (Genesis 7:17-21) whereas '**erets**' can also mean country or a very large expanse of land but not the entire earth³.

Was there a Noah's Ark?

Genesis 6:14 states that the Ark of Noah was constructed of gopherwood, but Hebrew scholars and theologians can't agree on what type of wood it is. Perhaps they should consider gopherwood to be a Hebrew phonetic version of the Sumerian word 'gaffa' meaning a coracle constructed of reeds and coated with pitch just like the ark. The Sumerian story of Enu Elish, from which much of the Noah story is derived, clearly states "Wall, wall. Tear down this wall of reeds and build an ark"⁵. Using only the primitive stone and wood tools available at the time, tools made of iron not being available for another 800 years, a wooden ship 450 feet long by 75 feet wide and a height of 45 feet would require a king's ransom in funding and an army of workmen to complete. Most likely the ark would have been constructed of bundles of reeds stacked together to form a raft and may have looked somewhat similar to the reed Mudhifs of the Marsh Arabs of southern Iraq. Such a reed raft could easily be built by eight people using only flakes of obsidian, a form of volcanic glass. A raft vessel would flex in rough seas versus a rigid wooden vessel could break in half in rough weather. The S.S. Wyoming was a wooden ship similar in size to the Ark, and it leaked so badly that a steam pump had to be installed to keep it from sinking. See Exhibits 7 & 9.

Did Animals Arrive from all over the World?

Young-earth creationist do not give a reasonable explanation of how animals from all over the world somehow manage to navigate oceans, deserts and mountain ranges and find Noah's ark? They have no rational explanation of how pandas found the special bamboo along the way that they require or koalas the eucalyptus leaves they require. How did Noah store the ants and termites that anteaters require? Strange that Noah's says nothing about any exotic animals that he has never seen. Could it be that he didn't find it necessary to describe the animals because they were his livestock? In addition to the some 25,500 animals⁶ Noah would have to board and care for, he would have to travel all over the world and collect 390,800 species of trees and plants and in addition several million insect species. This does not include all the microorganisms in the soil that are necessary for plant growth. See Exhibit 10.

Then there is the matter of the man-hours required to feed and water the animals and plants. Any major zoo can provide information on the number of animals they have and the number of people that are directly involved in their care^{7, 8}. Simple math will show that the man-hours each of the eight humans aboard the ark would have to work to feed, water and care for the animals, trees, plants and insects far outstrips the hours in a day by a very large factor.

Conclusion

The book “***The Evolution of Genesis the Commonsense Biblical Interpretation***” Amazon books, goes into greater detail concerning the flood of Noah. It should be obvious that the story was based on a real event and that there was no world-wide flood, and thus God did not commit mass murder.

NOTE:

- 1) <http://scribol.com/anthropology-and-history/urban-exploration/the-giant-salt-city-1200ft-beneath-detroit>
- 2) Noah’s Flood by William Ryan and Walter Pitman Touchstone – Simon & Schuster
- 3) <http://www.godandscience.org/apologetics/loalflood.html>
- 4) Tablet XI, Column 1 of the Epic of Gilgamesh by John Gardner & John Maier Random House.
- 5) <http://en.wikipedia.org/wiki/seawater>
- 6) <https://www.currentresults.com/Environment-Facts/Plants-Animals/estimate-of-worlds-total-number-of-species.php>
- 7) <http://www.env.gov.bc.ca/wat/wq/reference/foodandwater.html#table5>
- 8) International Zoo Yearbook

The Creation Story

The Genesis story of Adam and Eve, if taken literally, has God leaving his new creations in the presence of a devious serpent and with access to deadly fruit. Both of them being naive, God having not seen fit not to instruct them as to what is good and what is evil, nor warning them not to trust the serpent, they listen to the serpent’s advice and partake of the forbidden fruit. Upon returning, God finds them dying and does the unthinkable and casts his soiled creations out of Eden. Even more inexplicable God does not take steps to sterilize them to stop them from breeding and creating more flawed humans. Accordingly, we present day humans are to suffer for the disobedience of Adam and Eve. The idea that we, who were born long after the time of Adam and Eve, are to suffer for their misdeeds is utterly ridiculous; unless it involves genetics. If a genetic mutation were involved, then the story makes sense because a genetic mutation can be passed on to future generations. If this hypothesis is correct, then the logical place to conduct a search for would be in the DNA of the human cell.

In accordance with Genesis 2:21, God removed a rib from Adam and created Eve. Human chromosomes, if lined up, look like a rib cage and Adam’s rib is still missing if one examines the male 23rd chromosome. See Exhibit 11. This missing rib heralded a major change in life on earth. The first life forms were primitive prokaryote cells that reproduced by dividing through mitosis forming two identical cells. These cells were quasi-immortal, just like Adam and Eve apparently were, in that they continually divided rather than grow old and die. At some point far back in time a genetic mutation took place that changed this benign, non-sentient life form into an eukaryote life form that employed meiosis that produced non-identical life forms and thus death. Sexual reproduction appeared and created unique life forms that would eventually lead to sentient life forms that could control their own actions and thus introduced the potential for good or evil. Is this what the author is trying to explain with his limited ability? Could it be that the serpent is RNA inserting a fragment of genetic material, the forbidden fruit, into a cell’s DNA and thus causing a mutation that gave rise to a life form that was capable of what the author would call ‘sin’? Of interest to the ladies, who have been charged to be the cause of the fall of man, the original asexual cells, from which a rib was taken, had all their chromosomes intact, and therefore it was technically a female that gave rise to the male when one of her chromosomes was modified. Eve was first,

not Adam, something that the patriarchal society of the Genesis author's time would have never accepted.

After God expelled Adam and Eve from Eden, he placed a flaming sword that guarded the way to Eden. There is a 'flaming sword swaying back and forth' preventing Adam and Eve from returning to their paradise. That sword is the spindle fibers in the cell's nucleus and indeed they do sway back and forth and prevent the chromosomes from retreating to their former condition at the time of cell division. See Exhibit 12. The missing rib and the spindle fibers are microscopic and would not be discovered until the 20th century. How then is it possible that the ancient author was able to describe them?

The Instant of Creation

. According to the opening verses of Genesis –

1. In the beginning God created the heavens and the earth.
2. The earth was without form, and void; and darkness was upon the face of the deep.

When the Big Bang is portrayed on television, it is shown as a brilliant flash of light and a thunderous roar; a completely false image. Although the temperature of the universe in the beginning was in the trillions of degrees Fahrenheit, no light was visible and darkness prevailed, and there was no air to transmit sound. The universe was indeed formless because no atoms had yet formed due to the extreme temperature, there being only a soup of extremely hot fundamental particles. The King James Bible incorrectly translates the last verse as "And the spirit of God was hovering over the face of the waters." The verse should read — "and only an awesome wind sweeping over the waters." Indeed, there was what appeared to the author to be an awesome wind due to the rapid expansion of the nascent universe. Light did finally separate from darkness, as verse 4 states, but not in one day but during the epoch of 'recombination' at 380,000 years after the Big Bang. Only four verses into the story and science and the Bible are in accord.

The fifth verse gives instructions on how the author reckoned time by the appearance of light and its subsequent disappearance. Each occurrence of light emerging and then disappearing marks a major epoch in the evolution of the universe. The first light that appeared in the universe at 380,000 years after the Big Bang eventually faded as the universe continued to expand and cool and the universe entered what science refers to as the Dark Age. See Exhibit 13.

The sixth verse "Let there be an expanse in the middle of the water to form a division between the waters" appears to be the author's way of describing the accretion of gases and the formation of stars. This occurred about 400 million years after the Big Bang as the first stars ignited and light appeared again in the universe. Eventually the distance between the new stars increased to a point where darkness once again ruled and thus the second day.

Subsequent verses tell of the appearance of "— plants that bear seed, and every kind of fruit tree on earth that bears fruit with its seed in it." In these verses it appears that the author is placing trees long before the appearance of life in the sea. Ginkgo's are believed to be the first seed bearing plants, and they appeared around 276 million years ago. Fruit bearing plants arrived somewhere between 120-190 million years ago, and grass surprisingly appeared only about 55-60 million years ago. In the early seas there were microscopic plant life, and some did indeed appear to be like trees and

some had nodules that made them appear to be bearing fruit. This early primitive life may well have evolved before the sun ignited. Such life forms were chemotrophs that utilized heat rather than sunlight to manufacture the complex organic compounds necessary to sustain themselves. Finally, the sun ignited ushering in what the ancient author calls “day four”. Subsequent verses have the evolution of life in the proper order; life in the sea and then life on land. Critics have claimed that birds evolved only in the late Triassic long after land animals appeared in the late Devonian. What the author may have mistaken for birds (Genesis 1:20-21) were giant dragon flies with three foot wing spans that first appeared in the early Devonian such as the *Meganeuropsis permiana*¹.

Genesis 2:7 states that “God Yahweh formed man from clods in the soil.” Clods are suggestive of clay-like material, and science believes that life formed in the interstices of montmorillonite clay; a material that has the property of holding molecules together that normally would break apart.

“After their kind”

Young-earth reationists claim that Genesis 1:21, 24 & 25 exclude the possibility of evolution when they state “according to its kind.” Both the Torah in English and the Anchor Bible use the terms “of every kind—“and “various kinds—“thus allowing for evolution.

The Age of the Patriarchs Problem

There is one final problem; the “patriarch list.” The patriarchs from Adam to Noah cover a span of 1,656 years, and if combined with subsequent genealogies, give credence to Bishop Ussher’s calculation that the age of the earth is a little more than 6,000 years. This posed a serious problem until the discovery of an article written by professor Julius Oppert², a renown Jewish Assyriologist, who demonstrated that the ancient Hebrews had reduced the Sumerian Kings list, upon which some of the creation story is based, from kings living between 18,000 to 64,000 years, to match what they felt was their genealogy. The Sumerian Kings list³ totals to 432,000 years, a figure that would not allow for much evolution except that it has a name; the Kali Yoga the Golden Age. See Exhibit 14. E.A. Speiser, author of the Anchor Bible series **Book of Genesis**, hinted that the Sumerians may have obtained this time from a source farther to the east. He was right because it comes out of the oldest extant religious document: the Rig Veda. The Kali Yoga is part of four cycles that equal 4,320,000 years. A day of Brahma, God, and creator of the universe is said to be 1,000 times this, and his day of 4,320,000,000 years⁴ is right in line with modern science.

Young-earth creationists claim that the end times are near. Well, don’t hold your breath or cash in your investments just yet because according to the Rig Veda, the end times are some 311 trillion plus years in the future. According to science, this is in the time frame of when all stars will have burned out, and the universe will be a cold and dark place. In science it is the time well beyond 100 trillion years in the epoch of heat death referred to as the ‘Big Freeze’. Interesting how the ancients came up with these immense numbers that just happen to agree with modern science.

NOTES:

1) <https://ourplnt.com/top-10-largest-insects-earth/meganeuropsis-permiana-Reconstruction>

<http://qvcproject.blogspot.com/2012/01/magnificent-giant-and-unfortunately.html>

<http://sharksprehistory.blogspot.com/2013/10/prehistoric-insects.html>

- 2) http://en.wikipedia.org/wiki/Julius_Oppert
- 3) <http://prajnaquest.fr/blog/wp-content/uploads/Babylonaica-of-Berosus.pdf>
- 4) https://en.wikipedia.org/wiki/Hindu_units_of_time

Why does the controversy continue?

Why do we still have this controversy? What is it that drives young-earth creationists to advocate their views when so much scientific evidence refutes them? There are nine factors to consider:

1) Jesus never mentions a word concerning the Genesis creation story. If Jesus didn't find it necessary to mention it, then why should any of the Christian faith be concerned? The gospel of Jesus is not concerned with how or where we came from. It is entirely about where we should be going and how to get there.

2) In 66 AD the Jewish population, fed up with Roman rule and taxation, revolted. Rome sent in legions of soldiers resulting in the destruction of the temple, the slaughter of the priesthood and destruction of copies of the Torah. Fortunately the Romans were not more thorough in their attempt to stamp out Judaism, but suppose they had been. In the absence of the Old Testament the Christian religion would continue to function. Again why then all the concern over the Genesis creation story? Jesus stated clearly who he was, what his message was and that all have sinned and are in need of salvation.

3) Young-earth creationists insist that Biblical passages be read literally word for word as absolute truth. This stance ignores the fact that although the original information may have been from God, its subsequent transmission was by humans, and humans are not infallible. If Biblical text is taken literally, then there are instances where one will be required to accept that God resorts to mass murder¹ such as the Flood of Noah or the killing of Egyptians in the Exodus stories and in other passages where God appears to act irrationally and to be incompetent. God has never caused the death of anyone, and God certainly is not irrational or incompetent.

4) The misconception that if one accepts evolution, then one must abandon the creation story of Genesis and thus bring the validity of the entire Bible into question and perhaps lose one's faith. Acceptance of evolution has no detrimental effect on one's faith, and there are many evolutionists who are people of faith."

5) The story of creation, as described here in, is not a supernatural creation but a description of evolution as told by an ancient Hebrew lacking the ability to express the story in a manner that would be readily understood in the 21st century. It provides Christians and Jews alike with the first demonstrable example of revelation because there is no way the author could have known, or even guessed at, things that would not be known until modern times; information that could only have come from a higher intelligence.

6) Authors, submitting articles to creationist publications, and those doing research for creation societies, are required to sign a "Statement of Faith"². This requirement precludes any research into the possibility that the creation story is the story of

evolution. No researchers or scientists worthy of the title would allow themselves to be restricted in such a manner.

7) I wrote a letter to a number of creationist organizations asking if they had considered the possibility that evolution was what the Genesis account was describing. From the responses I received it was apparent that they had never considered such a possibility.

8) During the past half century young-earth creationists have attempted to have their view of creation taught alongside the theory of evolution in our nation's schools and have found themselves in court ten times and lost every case including two before the United States Supreme Court³. After such a string of losses one would think that creationists would come to their senses and reexamine their means of interpretation.

9) Consider the number of scientific organizations⁴ representing hundreds of thousands of scientist worldwide that reject creationism, the 77 scientist who won the Nobel prize that signed a letter⁵ denouncing creationism or the nearly 14,000 ministers and rabbis⁶ who have accepted evolution and rejected creationism.

The foregoing should provide ample evidence that a literal reading of the Biblical verses is not a reliable means of supporting young-earth creationist claims. Why then does creationism persist? I have found that there are three major reasons:

1) The false idea that evolution and/or science invalidate Biblical claims.

2) The false notion that acceptance of evolution would cause one to lose ones faith.

3) What I believe to be the major reason for rejecting evolution came during a lunch break at a creationist lecture. I was having a pleasant discussion about evolution with a group of young-earth creationists. When the discussion turned to the human family tree, the group grew agitated and got up and left exclaiming "We did not evolve from some ape." It appears that vanity plays a major role in rejection of evolution. I did not have an opportunity to tell them that humans did not evolve from apes and that the last branching off of an ape was between 6 to 7 .million years ago. It is difficult for most to comprehend such a vast stretch of time. It is best illustrated by dividing 6.5 million years by an assumed average age for the first birth at 18 years. This results in a little over 360,000 generations. If the mothers, or fathers, are lined up 4 feet apart, the line would stretch some 274 miles, the distance from Los Angeles to Las Vegas. All along the way there would be your ancestors lined up mile after mile clear to the horizon and beyond requiring a 5-6 hour drive. If Genesis is viewed as an ancient author's description of evolution, it puts an end to a literal interpretation that has been an embarrassment to Christianity and an impediment to the teaching of science.

NOTES:

1) Genesis 6:7

2) **Statement of Faith** (that must be signed by creationist researchers)

<http://midwestcreationfellowship.org/pages/misc/statement.php>

1. The Bible is the inspired Word of God and is historically and scientifically accurate throughout.

2. Nature reveals the Creator's handiwork. The study of the natural world by means of the scientific method will help us understand the created order.
3. Plants, animals and man were specifically created as independent functional units by God in six normal, consecutive days.
4. The Genesis Flood was a historical, global event.
5. The genealogies recorded in Scripture limit the maximum age of the earth to less than 10,000 years.
6. Death was introduced by the fall of Adam and Eve, making salvation necessary through the redemptive work of Jesus Christ.

3) Court Cases that have rejected the Teaching of Creationism in Schools

<http://ncse.com/taking-action/ten-major-court-cases-evolution-creationism>

Since 1968 the teaching of creationism in schools has been challenged in court ten times, twice before the United States Supreme Court, and in all ten cases creationism lost and creationism declared a "pseudoscience".

1968 – Eppersen vs. Arkansas – U.S. Supreme Court

1981 – Seagraves vs. State of California – Sacramento Superior Court

1982 – McLean vs. Arkansas Board of Education – Federal Court

1987 – Edwards vs. Aquillard – U.S. Supreme Court

1990 – Webster vs. New Lenox School District – 7th Circuit Court of Appeals

1994 – Peloza vs. Capistrano School District – 9th Circuit Court of Appeals

1997 – Freiler vs. Tangipahoa Parish Board of Education - U.S. District Court

2000 – R. Le Vake vs. Independent School District, Minnesota District Court

2005 – Selman et al vs. Cobb County School District – U.S. District Court

2005 – Kitzmiller vs. Dover – U.S. District Court

For further information on these court cases go to:

<http://www.ncse.com/taking-action/ten-major-court-cases-evolution-creationism>

<http://www.sciencemeetsreligion.org/evolution/court-cases.php>

http://www.tungate.com/evolution_court_cases.htm

4) List of Scientific Organizations that Support Evolution and Reject Creationism United States

American Association for the Advancement of Science <http://www.aaas.org>

the world's largest general scientific society serving 262 affiliated societies and academies of science, serving 10,000,000 individuals involved in science.

American Association of Physical Anthropologists <http://www.physanth.org>

American Association of University Professors <http://www.aaup.org>

American Astronomical Society <http://www.aas.org>

American Chemical Society <http://portal.acs.org/portal/acs/corc/content>

American Geophysical Union <http://www.agu.org> represents over 43,000 scientists

American Geological Institute <http://www.agiweb.org> represents over 250,000 geologists

American Institute of Biological Sciences <http://www.aibs.org>

American Institute of Physics <http://www.aip.org>

American Psychological Association <http://www.apa.org>

American Society of Agronomy <http://www.agronomy.org> represents over 10,000 members

American Society for Biochemistry and Molecular Biology <http://www.asbmb.org> represents 12,000 biochemists and molecular biologists

American Society of Microbiology <http://www.asm.org>
 Botanical Society of America <http://www.botany.org>
 Federation of American Societies for Experimental Biology <http://www.faseb.org>
 represents 22 professional societies and 84,000 scientists
 National Association of Biology Teachers <http://www.nabt.org>
 National Association of Geoscience Teachers <http://www.nagt.org>
 National Center for Science Education <http://www.ncse.com>
 National Science Teachers Association <http://www.nsta.com> representing 55,000
 science teachers
 United States National Academy of Sciences <http://www.nasonline.org>

International Scientific Societies

Australian Academy of Science <http://www.science.org.au>
 Australian Science Teachers Association <http://www.asta.edu.au>
 Scientific and Technological Australia <http://www.sta.org.au>
 Council of Europe <http://www.coe.int>
 United Kingdom Inter Academy Panel Statement on the Teaching of Evolution
<http://www.interacademies.net/10878/13901.aspx>
 International Society for Science and Religion <http://www.issr.org.uk>
 Royal Astronomical Society of Canada <http://www.rasc.ca>
 The Royal Society of the United Kingdom <http://royalsociety.org>

5) 77 Nobel Laureates Call for Repeal of Louisiana Science Education Act

Courtesy Zachary Lopplin <http://www.repealcreationism.com/397/nobellaureateletter>

In 2008 Zackary Kopplin, a student at Rice University, and Sir Harry Walter Krotoschiner, a Nobel prize laureate, composed a letter and eventually had it signed by 77 scientists who had been awarded the Nobel Prize. The letter is addressed to the Louisiana legislature and urges the legislature to repeal a law, The Louisiana Science Education Act of 2008, that would mandate the teaching of creationism in Louisiana schools.

6) Various Religions Reject Creationism

The Clergy Letter Project

<http://www.theclergyletterproject.org>

The project was organized in 2004 by Michael Zimmerman, then a biology professor and dean of the College of Science and Letters at University of Wisconsin–Oshkosh. He was motivated to create a petition by the actions of the school board in Grantsburg, Wisconsin, which had passed some anti-evolution policies in the summer of 2004. Zimmerman was a veteran of similar disputes in Ohio, when he was a professor at Oberlin College. After Zimmerman watched Christian fundamentalist clergy from Dover, Pennsylvania on the television program *Nightline* insisting that decisions about teaching evolution in schools was equivalent to a choice between heaven and hell, he recruited the husband of the head of the university Psychology Department, the Rev. John McFadden, pastor of the First Congregational United Church of Christ in Appleton, Wisconsin, to write a letter describing how science and religion can co-exist. A letter that as of 27 November, 2012, has been signed by 12,813 Christian Ministers, 494 Jewish Rabbis, 257 Unitarian ministers and 23 Buddhist Ministers, supporting the teaching of evolution and rejecting the teaching of creationism in public schools.

The above material has been abstracted from “**The Evolution of Genesis the common sense Biblical interpretation,**” listed in Amazon Books

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Exhibit 1 The traditional depiction of Noah's Ark by Edward Hicks, 1848



Exhibit 2 Olive tree on day one.



Exhibit 3 Olive tree three months later. Dead and leafless.



Exhibit 4 Grass sod on day one



Exhibit 5 Grass one month later. A stinking mass of goo.



Exhibit 6 Left Barley, Oats, Rye & Wheat 10 days after planting.
Right no growth appears in seeds planted in soil saturated with salt.



www.bigstock.com · 25998713

Exhibit 7 A Gaffa coracle fashioned of reeds and coated with pitch.



Exhibit 8 Reed Mudhif of the Marsh Arabs of Southern Iraq.

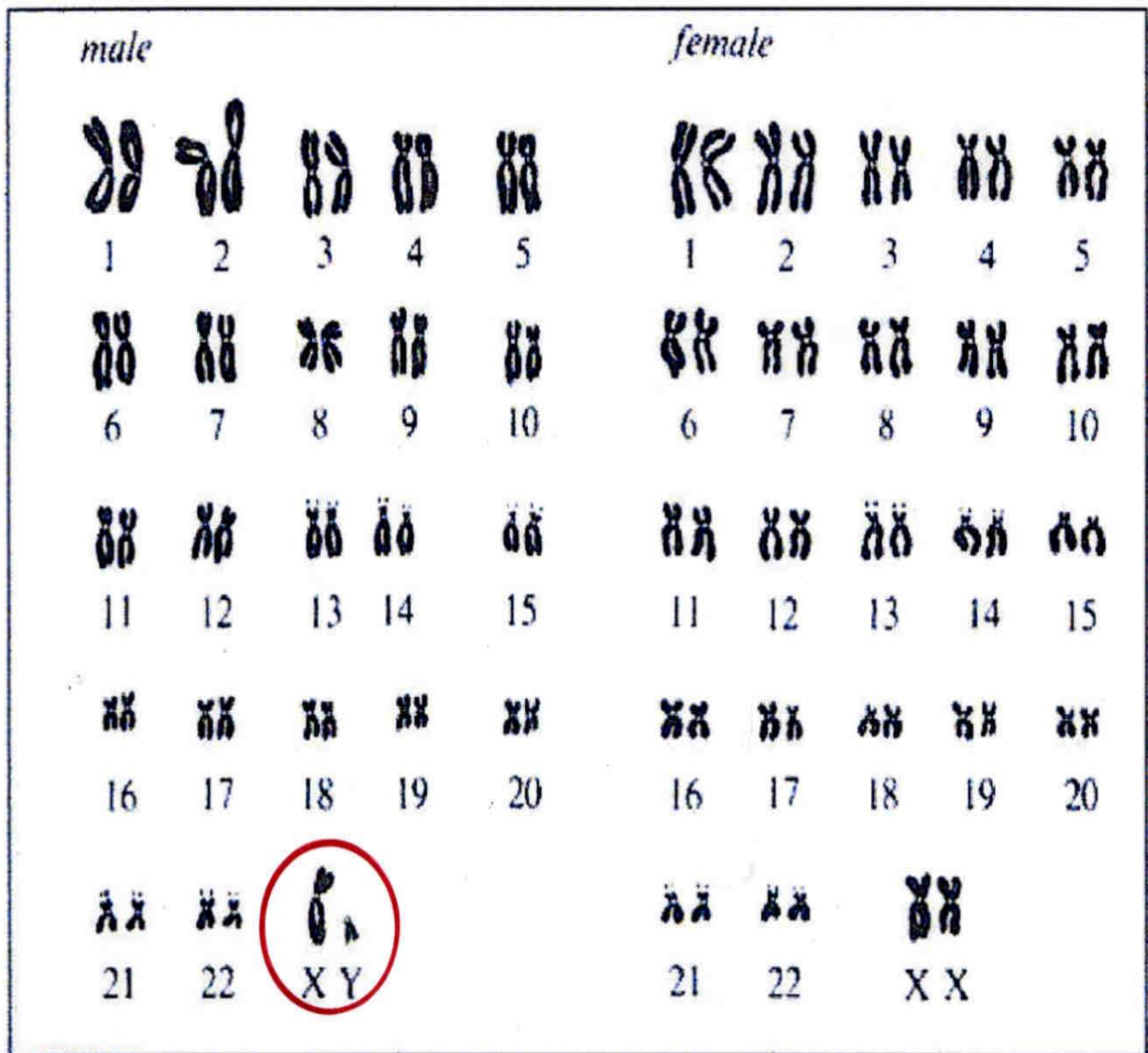


Exhibit 9 interior of a Marsh Arab Mudhif.

Estimate of Plant and Animal species on Earth

Category	Species	Totals
Vertebrate Animals		
Mammals	5,500	
Birds	10,000	
Reptiles	10,000	
Amphibians	15,000	
Fishes	40,000	
Total Vertebrates		80,500
Invertebrate Animals		
Insects	5,000,000	
Arachnids	600,000	
Molluscs	200,000	
Crustaceans	150,000	
Echinoderms	14,000	
Others	791,830	
Total Invertebrates		6,755,830
Plants		
Flowering plants (angiosperms)	352,000	
Conifers (gymnosperms)	1,050	
Ferns and horsetails	15,000	
Mosses	22,750	
Total Plants		390,800
TOTAL SPECIES		7,227,130

Exhibit - 10

Exhibit 11 Adam's Missing Rib, the 23rd Male Chromosome.

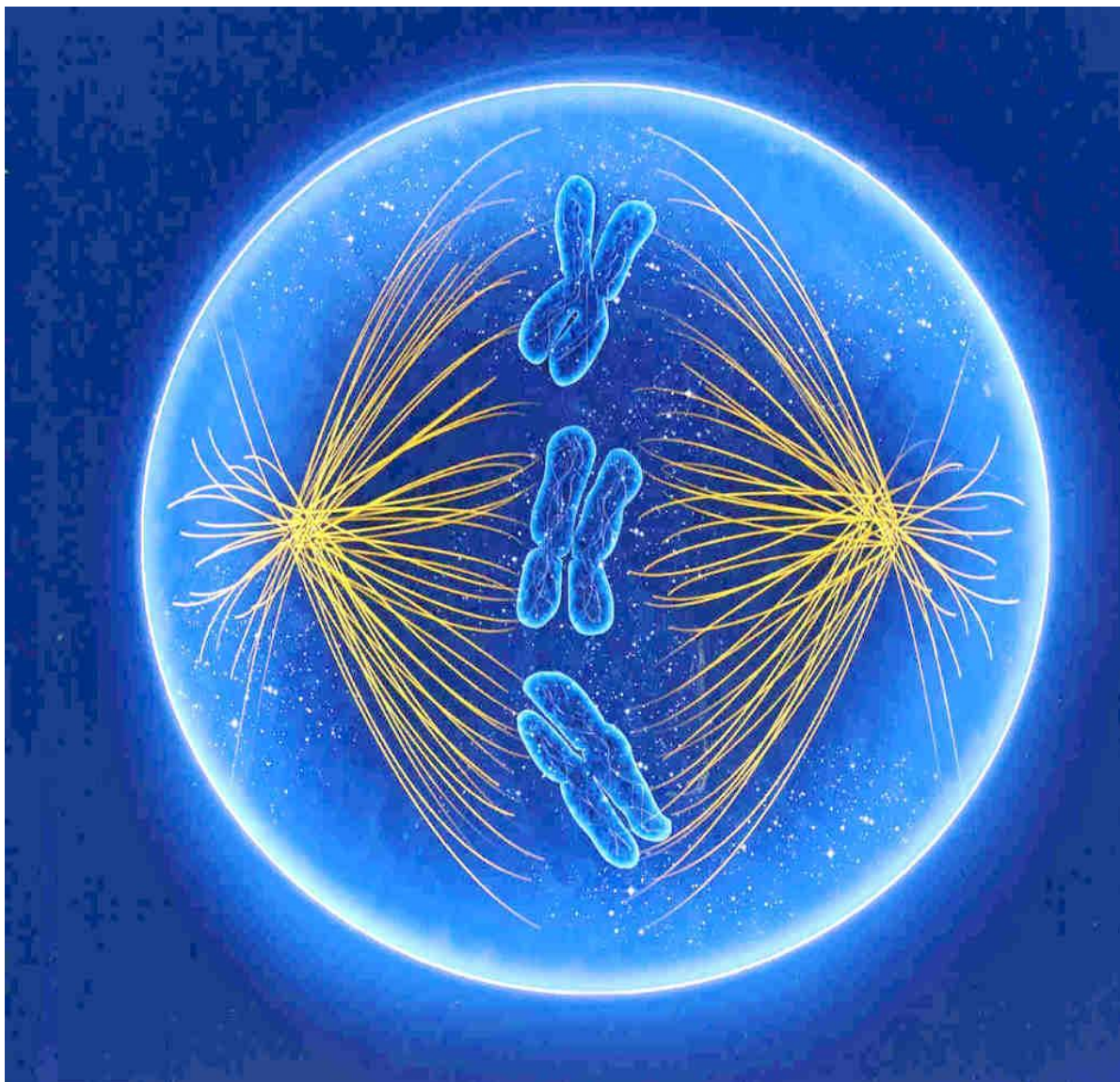


Exhibit 12 A Depiction of Spindle Fibers. The Flaming Sword of Genesis 3:24.

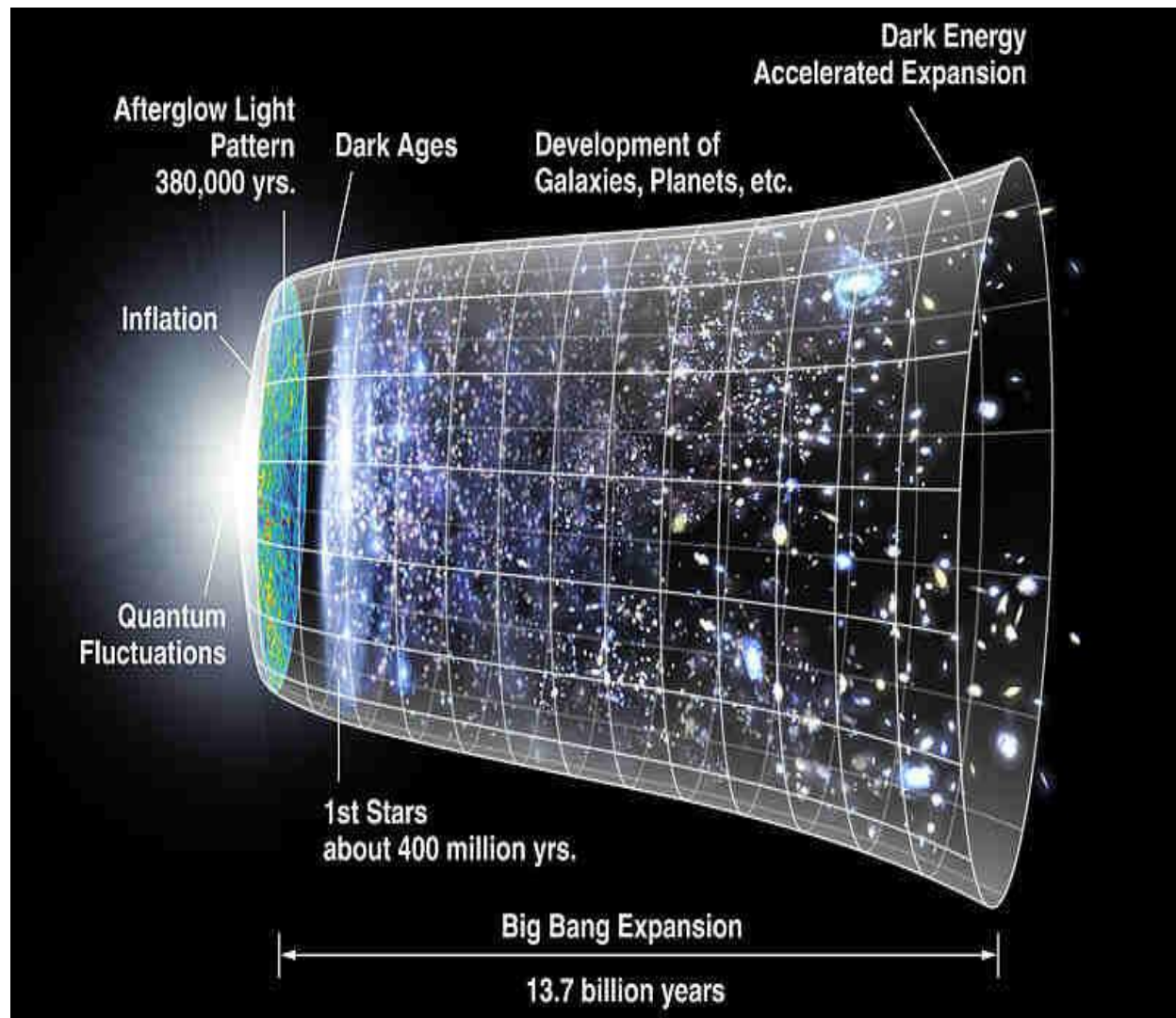


Exhibit 12 The Expanding Universe.