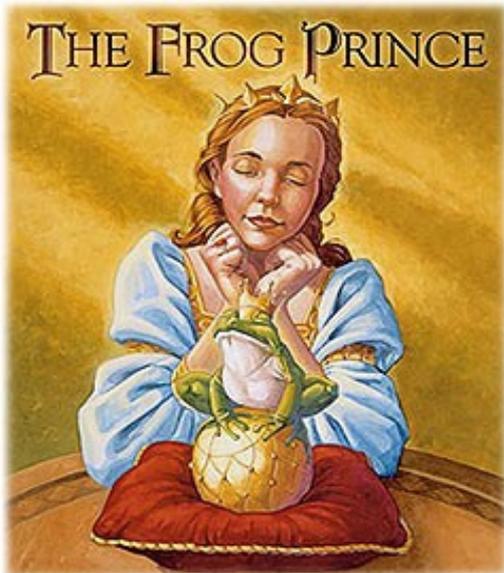


Creation Apologetics

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Frog + time (instantaneous) -> Prince = Fairy Tale
Frog + time (300 million yrs.) -> Prince = Science

Dr. Gish, ICR

“What I see convinces me God exists.

What I cannot see, confirms it.”

Albert Einstein



Stumbling Blocks in Coming to Faith in Christ

1. Lack of intellectual knowledge of God
2. Other Christians – their perceived hypocrisy
3. Sin: accepting Christ would require turning away from sin
4. If God is all-loving and all-powerful, why is there so much pain, suffering, and evil?
5. Perceived conflict between Science and the Bible, e.g. Creation v. Evolution
6. No answers from the Church to the hard questions



The Statistics!

- According to pollster George Barna (in the US):
 - Only 9% of “born again” teenagers believe that absolute truth even exists
 - At least 60% of the children from evangelical homes are estimated to leave the church once they leave home
- Reasons:
 - No answers from the Church for the hard questions asked by our youth
 - Indoctrination of our youth in secularism and evolutionism



The Solution: Creation Apologetics

- **Teach The Truth in the Bible from the very first verse!**
- **Be ready to answer the hard questions**



Creation Apologetics

1. What Does the Bible Say About Creation?
2. What Do Jesus And The Apostles Say About Creation?
3. What Does Science Say About Creation?
 - The Creation and Evolution Models of Origins
 - Which Model Best Fits The Scientific Evidence?
4. [Challenges to Evolutionism]
5. Does It Matter What We Believe About Creation?



1. What Does
The Bible Say
About Creation?



Creation According to the Bible

- Three major worldwide events have produced the world as we know it today:
 1. Six days of special **creation** and formation of all things, the completion and permanence of which are now manifest in the Law of Conservation of Energy (the First Law of Thermodynamics): **Gen. 2:1**, “... were finished.”
 2. The rebellion of man and resultant **curse** of God on all man’s dominion, formalized in the Law of Increasing Entropy [disorder] (the Second Law of Thermodynamics)
 3. Worldwide **flood** in the days of Noah, leaving the world largely under the domain of natural uniformity



Creation of Distinct Kinds

- **Gen. 1: 11(1), 12(2), 21(2), 24(2), 25(3)**
- Ten major categories of organic life created “after its kind”
 - Plant kingdom - grass, herbs, fruit trees
 - Animal kingdom - sea monsters, other marine animals, birds, beasts, cattle, crawling animals
 - Man “kind”
- One kind cannot transform itself into another kind
 - Definite and distinct categories
 - There is variation within a kind
 - These “kinds” are still recognized today



Created in Six Days

- **Gen. 2:1**, “Thus the heavens and the earth, and all the host of them, were finished. And on the seventh day God ended His work which He had done, and He rested on the seventh day from all His work which He had done.”
- **Ex. 20:11**, “For in six days the Lord made the heavens and the earth, the sea, all that is in them, and rested the seventh day.”
- **Ex. 31:17**, “... for in six days the Lord made the heavens and the earth, and on the seventh day ...”



“Fall and Curse” and ...

■ **The Laws of Thermodynamics**

- Universal scientific laws
 - Formally recognized ~ 100 years ago
 - Scientists are unable to explain why they work
- **First Law of Thermodynamics**
 - Conservation of mass and energy
- **Second Law of Thermodynamics**
 - Increasing entropy (disorder)
- These two laws are implicitly explained/revealed in the Bible



OT References to Creation

- **Ex. 31:17** (Moses) “It is a sign between Me and the children of Israel forever, for in six days the Lord made the heavens and the earth ...” - six-day literal creation
- **Josh. 24:2-4** (Joshua) “ ... your fathers, including Terah, the father of Abraham and the father of Nahor, ...” - accepts **Gen. 11** account of Abraham’s ancestors
- **II Kings 19:15** (Hezekiah) “You have made heaven and earth.” - speaks of creation
- **1 Chron. 1:1-28** “Adam, Seth, Enoch, ...” - repeats genealogies of **Gen. 5, 10, 11**
- **Neh. 9:6** (Nehemiah) “You have made heaven, ... the earth and everything on it, the seas and all that is in them, ...” - refers to creation



2. What Do Jesus and the Apostles Say About Creation?



Christ Refers to Gen. 1-11

- **Matt. 19:4-5** “Have you not read that He who made them at the beginning made them male and female, and said ‘for this reason a man shall leave his father and mother and be joined to his wife and the two shall become one flesh.’”
 - Doctrine of marriage refers to first two chapters of Genesis, **Gen. 1:27** and **Gen. 2:24**
- **Mark 10:6** – “But from the beginning of the creation, God made them male and female ...”
- **Mark 13:19** - beginning of creation which God created



Jesus Is The Creator

- **John 1:3** – “All things were made through Him, and without Him nothing was made that was made.”
- **Col. 1:16,17** – “... All things were created through Him and for Him. And He is before all things, and in Him all things consist.”
- **Eph. 3:9** – “... hidden in God who created all things through Jesus Christ.”
- **Heb. 1:1-3** – “... through whom also He made the worlds.”



NT References to Gen. 1-11

- Every NT writer refers to the early chapters of Genesis
- Jesus Christ referred to each of the first seven chapters of Genesis
- Almost all NT books have references to Genesis 1-11
- Every chapter of Genesis 1-11 except chapter 8 is referred to somewhere in NT
- Every NT writer accepted these early chapters as historically accurate



Removing Genesis 1-11

- Removes true history
- Removes the foundation from all future history
- Rejects the teachings of Peter, Paul, other Biblical writers, Christ Himself
- Eventually leads to apostasy



Conclusion

Creation is an essential truth spoken of
in the Bible

Col. 2:8 “See to it that no one takes you captive through philosophy and empty deception, according to the tradition of men, according to the elementary principles of the world, rather than according to Christ.”

A decorative header strip at the top of the slide, divided into three sections. The left section shows a close-up of a yellow flower. The middle section shows a green fern frond. The right section shows a blue sky with white clouds and a yellow sun or moon.

3. What Does Science Say About Creation?



Overview

- Origins Models – Creation and Evolution
- Looking at the Evidence
 - Origin of matter, energy and natural law
 - Classification of biological organisms
 - Mutations and natural selection
 - Origin of man
 - Origin of life (probability)
 - The fossil record
- Founders of Scientific Disciplines
- Conclusions

Some Common Misconceptions

- Skeptics and unbelievers think:

“The Bible is an antiquated religious book, filled with scientific fallacies and mistakes reflecting the naïve cosmology of the primitive tribes of the Near East.”

- Even some professing Christians think:

“The Bible is a book of true religion dealing solely with spiritual subjects and that, where it seems to touch on matters of science and history, it must be interpreted spiritually or allegorically, rather than literally.

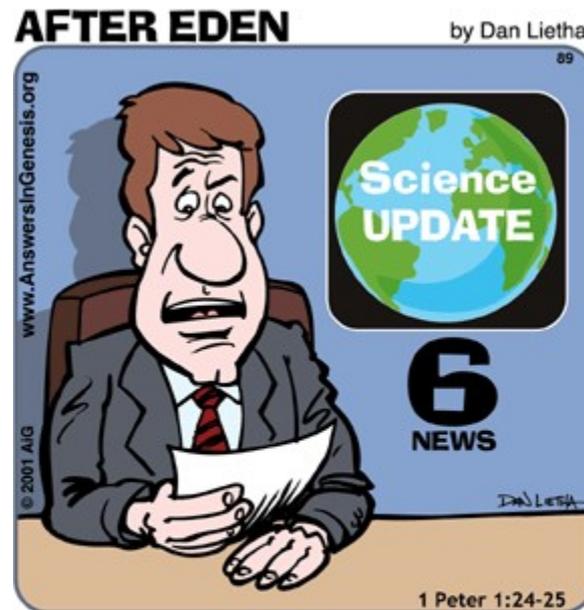
Evolution is Science



Creation is Religion



Should We Change The Bible To Agree With Science?



'...and this new discovery completely changes everything you were ever taught about the origin of life. Oh, wait! A newer discovery totally changes what I just reported...'

Science

■ “Operational” Science

- Postulate theory -> make observations -> prove/falsify theory
- Using the Scientific Method

■ “Origins” Science

- Were you there at the beginning?
- Model of Creation
- Model of Evolution
- Which model fits the observed facts best?
- “Forensic” science



For by Him (Jesus) were all things created, that are in heaven, and that are in earth. Colossians 1:16a

Scientific Methodology

- Make observations
- Develop a hypothesis or theory that explains the observations
- Conduct experiments to test accuracy and predictions made by the theory
- Draw conclusions
- Repeat experiments to verify results and eliminate sources of inaccuracy
- Report results so others can repeat the experiment(s)





Origins - Evolution or Creation?

- “Science is the search for truth”
- Hypothesis, theory, model, law, or fact?
 - Fact – proven to be true
 - Law – no known exception
 - Theory – testable, falsifiable, based on empirical findings
 - Hypothesis – provisionally explains some fact
 - Model – simplified representation of reality
- Which is Evolution? Creation?
 - A model – let’s see why ...



Models of Origins

- We can neither observe nor repeat “origins”
- Origins “theories” cannot be tested or proven
- We have two models (not theories) of origins
 - Creation and Evolution
- Models can be compared as to their respective capacities for correlating observable data
- Evolutionists regard evolution as “a proven fact.”
 - They believe that Evolutionism is science and that creationism is religion
 - Evolutionists are unable to prove Evolution
 - Thousands of scientists believe in Creation



Creation Model

- Involves a process of special creation in the beginning
- All the basic laws and categories of nature brought into existence by special creative processes which are no longer in operation today
- Distinct kinds exist today as they have existed in the past
- Processes of creation replaced by processes of conservation



Evolution Model

- Explains origin, development and meaning of all things in terms of natural laws and processes which operate today as they have in the past
- No extraneous processes requiring an external agent (i.e. a Creator) are permitted
- The universe in all respects evolves itself into higher levels of order (particles to people), elements -> complex chemicals -> simple living systems -> complex life -> man



More on Origins Models

- Creation cannot be proved:
 - Not happening now, so far as can be observed
 - The scientific method cannot repeat Creation
 - Cannot ascertain whether Creation took place (except through divine revelation)
- Evolution cannot be proved:
 - Operates too slowly to be measurable, if it is taking place
 - The scientific method cannot be used to measure it
 - Small variations in organisms, observed today, are not relevant (can't be used to distinguish between creation and evolution)



Which Model Best Fits The Facts?

- Creation and Evolution are the only two models of origins
- Both models should be considered as equal alternatives and evaluated objectively in terms of their relative abilities to correlate and explain scientific data
- **The model that incorporates the most data and has the smallest number of unresolved issues is the most likely to be true**



Looking At The Scientific Evidence

1. Origin of matter, energy and natural law
2. Classification of biological organisms
3. Mutations and Natural Selection
4. Origin of man
5. Origin of life – probability
6. The fossil record



1. Origin of Matter, Energy & Natural Law

- Evolution model predicts:
 - Matter, energy and laws may still be evolving
 - May have evolved in the past since there is no external agent to bring evolution to a stop
 - Systems can evolve to higher levels of complexity
- Creation model predicts:
 - Basic laws would not now be changing
 - Fundamental nature of matter and energy would not now be changing
 - Finished in the past, conserved in the present
 - Matter should go from order to disorder



The Laws of Nature

- Everything in the universe is bound by laws
 - Physics, chemistry, mathematics, life, logic
 - Universal constants, planetary motion
 - Laws of nature are uniform throughout the universe
 - Explain the logical orderly state of the universe
- Consequences of laws of nature
 - Laws require a law-giver
 - Laws of nature are consistent with creation
 - Laws of nature make science possible!

“ordinances of heaven and earth” Jer. 33:25



Laws of Logic

- Transcendent truths
- Depended on by the laws of nature
- Law of non-contradiction
 - Cannot have both “A” and “not A” at the same time and in the same relationship
 - God cannot contradict Himself, **Num. 23:19**
- Make reasoning possible
 - God is logical
 - Reflect God’s nature
 - Man, created in God’s image, instinctively knows the laws of logic
- Secularist cannot account for these laws



More On The Natural Laws

- The first two laws of thermodynamics are constant:
 - The total energy of any system remains the same
 - The entropy of a system increases over time
- Other constant laws include:
 - Law of gravity
 - Conservation of momentum
 - Conservation of electric charge
- Did natural laws evolve?
 - There is no evidence of this
 - Laws of nature are uniform throughout the cosmos



2. Classification of Biological Organisms

- The evolution model predicts:
 - A continuum of all forms of life
 - No classification system would work
- The creation model predicts:
 - An array of clear, but distinct organisms
 - similar structures for similar functions, e.g. eyes
 - different structures for different functions, e.g. gills for fish, lungs for man
 - Science of taxonomy
 - distinct kinds/species



The Science of Taxonomy

- The science of taxonomy is a problem for evolution
- The classification system introduced by **Carolus Linnaeus** applies to plants/animals in today's world as well as to extinct plants and animals
 - A continuum of life forms does not exist
 - Credible Intermediates have not been observed and/or identified in the fossils
 - The classification system introduced by Linnaeus still works today



Quoting an Evolutionist

- The anti-creationist, **Niles Eldredge**, wrote in 1985:
 - “And though a few of these eighteenth-century systematists had vaguely evolutionary notions, nearly all were devoutly and orthodoxly religious. They saw the order in their material, the grand pattern of similarity running through the entire organic realm, as evidence of God’s plan of creation.”

Historical Classification

Biological Classification

- **Aristotle** - first classification into animals and plants; sub-classification into “units” of cats, horses, oaks, etc.

- **Genera** (sing. **Genus**) - Latin for “groups”

- **Carl von Linné** (Carolus Linneaus; 1707-1778)

binominal taxonomy:

Each species has distinct name

Names made of *Genus plus species name*; *Homo sapiens*

- **Taxonomic hierarchy:**

Species	<i>Apis mellifera</i> (honey bee)
Genus	<i>Apis</i>
Family	<i>Apidae</i>
Order	Hymenoptera
Class	Insecta (Hexapoda)
Phylum	Arthropoda



Classification Observations

- What we do see is:
 - Variations within species, e.g. varieties of cats, dogs, cows, horses, mankind
 - No new kinds produced
 - Some species become extinct
 - Like begets like
 - Cambrian fossils largely reflect today's classification system

Chalk up another one for the Creation Model!



3. Mutations & Natural Selection

- Evolution model predicts:
 - Small variations between members of a species would confer differing degrees of advantage or disadvantage in the struggle for existence
 - Those with significant advantages would be favored
 - New and higher types of organisms would emerge
 - A mutation (structural change in a gene) is the source of genetic variation
 - Mutations are primarily beneficial



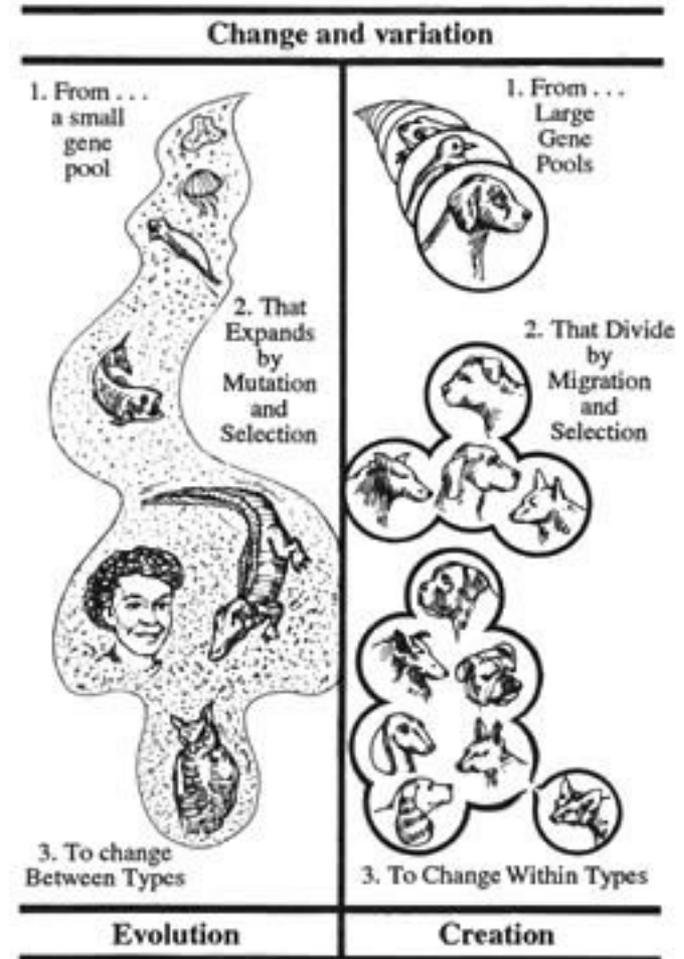
Mutations & Natural Selection - 2

- Creation model predicts:
 - Variation and natural selection work to assure genetic integrity and to enable the organism to survive in nature
 - Characteristics can be adjusted, within limits, to changes in the environment
 - Mutations are primarily harmful

Change and Variation

What is the more logical inference from our observations?

1. Unlimited change from one kind to another? (Evolution)
2. Limited variation within kinds? (Creation)



Changes Over the Years?

- Darwin predicted that fossils would show changes in fossil record over the years
- 25-million-year-old termite fossils in amber
 - Identical to termites living today
- “It has become abundantly clear that the fossil record will not confirm this part of Darwin’s predictions.”
 - **Niles Eldredge**, Paleontologist





What We See Happening Today

- Variations within a kind, e.g. peppered moth “evolving” to darker color as tree trunks grew darker with pollutants during industrial revolution
- Adaptation to the environment for survival
- Mutations are harmful to the organism
- Mutations are random and not directed
- Mutations are rare in occurrence
- Mutations almost always generate misfits which soon die out



“Origin of Species” Never Observed

- All of Darwin’s evidences turn out to be descriptions of creative adaptation, not origin
- According to **Niles Eldridge** (1986):
 - “Darwin, it is now become commonplace to acknowledge, never really addressed the ‘origin of species’ in his book of that title.”
 - Darwin never really cited the origin of a new species by natural selection
- The British evolutionist **Colin Patterson** noted:
 - “No one has ever produced a species by mechanisms of natural selection. No one has ever gotten near it and most of the current argument in neo-Darwinism is about this question.”

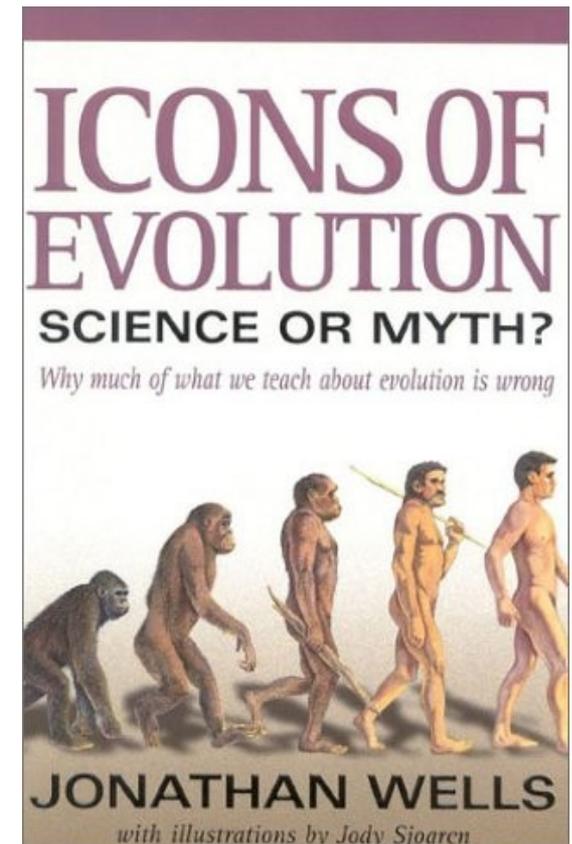


On Mutations & Natural Selection

- The philosopher **Janus Koestler** noted that:
 - “The public continues to believe that Darwin provided all the relevant answers by the magic formula of random mutations plus natural selection - quite unaware of the fact that random mutations turned out to be irrelevant and natural selections a tautology.”
- Mutations turn out to be rare events, and most of those are bad
 - They do not lead to improvements in the species, as evolution predicts

4. The Origin of Man

- Evolution model predicts:
 - Molecules -> man
 - Man evolved from an ape-like ancestor
- Creation model predicts:
 - Man's appearance has remained largely the same





Famous “Hominid” Fossils

- Neanderthal Man – 1856
- Java Man – 1891
- Piltdown Man – 1908
- Nebraska Man – 1922
- Ramapithecus – 1930
- Lucy - 1974

Neanderthal Man



- Fossil fragments first found in France – 1856
 - Skull cap and some limb bones
 - Diagnosed as human with deformed vertebrae
- Neanderthal Man's Site in Krapina, 1899-1999
- Another almost complete skeleton found in 1908
 - Reconstructed by Marcelle Boule to look ape-like
 - Based on pre-conceived evolutionary notions
 - Faulty reconstruction recognized in 1957
- Neanderthal is now known to be fully human with a bone deformity
 - School textbooks still portray as man's ancestor

Lucy

- Discovered in 1974 by Donald Johanson
 - 40% complete skeleton
 - Dated at 3.5 million years old
- Evidence:
 - Arm/leg ratio of 83.9 %
 - Hip/pelvis – walked upright
 - Knee joint – walked upright
- Observations:
 - Fingers long and curved (for climbing)
 - Shoulder blade like gorilla
 - Brain size of chimpanzee



Lucy - Reconstructed

- Digging deeper, we find that:
 - Leg bone broken in two places and one end was crushed -> this invalidates the ratio
 - Hip/pelvis was incomplete, and thus reshaped to make it look as if it walked upright
 - Knee joint was found over one mile away and 200 feet deeper in strata from rest of bones



This is a reconstruction of the famous fossil hominid "Lucy", one of our oldest known ancestors. It is based on a fragmented and almost complete skeleton found in the Hadar region of Ethiopia by Dr. Donald Johanson. The has been dated to ca. 3.18 million years ago and is classified as *Australopithecus afarensis*. Lucy and other fossil and living primates and hominoids will be the focus of an upcoming MEU Museum exhibition on Primate Evolution.



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- Fossil remains of two different creatures fitted to form a make-believe creature



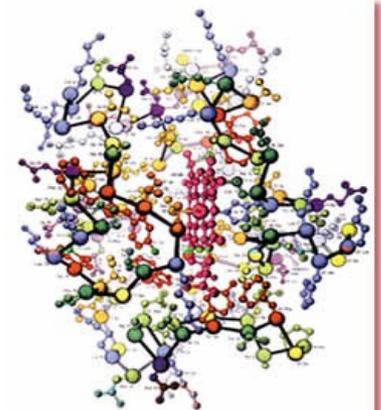
Summary of “Hominid” Fossils

- Neanderthal Man – accepted as homo sapiens
- Java Man – artificial construct
- Piltdown Man – proven to be a hoax
- Nebraska Man – an extinct pig
- Ramapithecus – an orangutan
- Lucy – make-believe creature

NO credible “ape-like -> human” fossil found!

5. Origin of Life - Probability

- What is the probability that an explosion in a junk yard would “create” a car?
- What is the probability of creating a Boeing airplane from such an explosion?
- What is the probability that 200 monkeys pawing away at a typewriter could “write” a Shakespearean play?
- What is the probability of a protein coming into being by chance?





Proteins and Amino Acids

- Amino acids
 - A few thousand types
 - Right- and left-handed
- Proteins - the building blocks of life
 - Large organic molecule
 - Contain 100's to a few 1000 amino acids
 - Specified long sequences of amino acids
 - Contain 20 different left-handed amino acids
- Crucial protein fact
 - Absence, addition, or replacement of a single amino acid in the structure of a protein causes protein to be useless



Probability of Forming one Protein

- Take 200 parts and line them up in a specific order
 - 200! ways of aligning these parts = 10^{375}
 - Try a new alignment 1 billion times a second
 - Assuming 20 billion years of time, we have 20×10^{18} seconds
 - The probability of finding the right alignment is practically zero, i.e. 1 in 10^{356}
 - Anything less than 1 in 10^{50} is regarded as zero probability
- Living organisms contain many more than 200 parts
- Human being contains 60+ trillion cells
- Only 10^{80} “infinitesimal” particles in the whole universe

How Simple Can Life Be?

- Cell structure unknown by Darwin

- Smallest bacteria

- 482 genes
- 600 types of proteins
- 600,000 DNA base pairs
- Probability of chance formation is zero!

- Human genome

- 3,000,000,000 base pairs

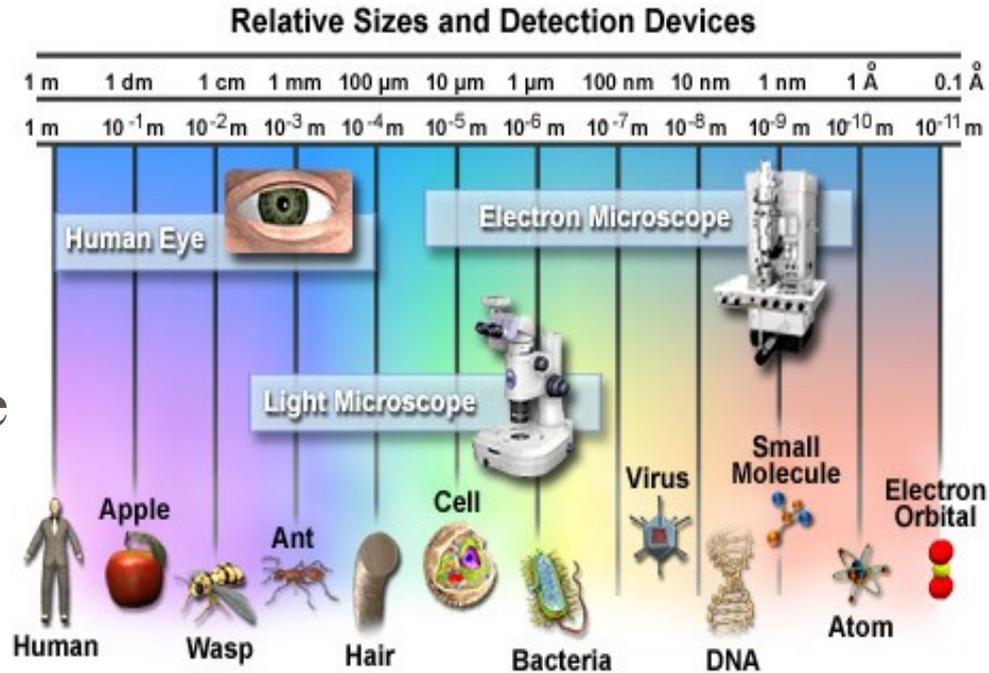


Figure 1



Spontaneous Formation of Life?

“The likelihood of the spontaneous formation of life from inanimate matter is one to a number with 40,000 noughts after it. It is big enough to bury Darwin and the whole theory of evolution. There was no primeval soup, neither on this planet nor on any other, and if the beginnings of life were not random, they must therefore have been the product of purposeful intelligence.”

Wickramasinghe, professor of applied mathematics and astronomy, UK



6. The Fossil Record

- The theory of evolution is based on two major suppositions:
 - Mutations and natural selection supposedly provided the mechanism
 - The fossil record allegedly proved the “fact” of evolution
- Fossils should “prove” evolution since the fossil record has long been considered as the main evidence for evolution
- The creation model predicts that organisms preserved as fossils will correspond to the same classification system as applicable to present-day plants and animals



Fossil Predictions

- Evolution model predicts:
 - Many preliminary forms
 - Many transitional forms
 - Randomly distributed gaps between present kinds and transitional forms
 - Basic taxonomic categories should have been evolving
- Creation model predicts:
 - No preliminary forms
 - No transitional forms
 - Clear gaps between types
 - Same taxonomic categories as at present



Fossil Record Quotes

- **Darwin** admitted in 1859:
 - “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.”
- **Paul Moody** wrote in a standard textbook:
 - “So far as we can judge from the geologic record, large changes seem usually to have arisen suddenly. ... fossil forms, intermediate between large subdivisions of classification, such as orders and classes, are seldom [*read never*] found.”



Expected Transitional Forms

- Evolutionists say we should find transitional forms:
 - Single cell to multi-cell creatures
 - Invertebrate to vertebrate
 - Fish to reptile
 - Reptile to bird
 - Ape-like to man
- To date no true transitional fossil forms have been discovered



Fully Formed

“It is considered likely that all the animal phyla became distinct before or during the Cambrian, for they all appear fully formed, without intermediates connecting one phylum to another.”

Futuyma, Douglas J. 1986. *Evolutionary biology*. 2d ed. Sunderland, MA: Sinauer Associates, Inc. p. 325.



The Fossil Record Summarized

- Missing links are still missing
- Different types of “living fossils” found
- Sudden appearance of fully formed fossils in the “Cambrian Explosion”
- The same “kinds” still appear today
- Some species are now extinct
- No new kinds evolved
- Supports the Creation Model!



Conclusions

- Laws of science consistent with Creationism
- Signs of intelligence in the universe
- The probability of life from non-life is zero
- Abrupt appearance of fully-formed animals
- The missing links are still missing
- Man did not evolve from ape-like creatures
- Catastrophism explains the “geologic column”
- There is NO credible evidence for evolution!
- Science supports Creationism



Scientific Disciplines Established by Bible-Believing Scientists

Discipline	Scientist
Astronomy	Johann Kepler (1571-1630)
Bacteriology	Louis Pasteur (1822-1895)
Chemistry	Robert Boyle (1627-1691)
Computer Science	Charles Babbage (1792-1871)
Dynamics	Isaac Newton (1642-1727)
Electrodynamics	Clerk Maxwell (1831-1879)



Scientific Disciplines Established by Bible-Believing Scientists - 2

Discipline	Scientist
Electromagnetics	Michael Faraday (1791-1867)
Natural History	John Ray (1627-1705)
Oceanography	Matthew Maury (1806-1873)
Taxonomy	Carolus Linnaeus (1707-1778)
Thermodynamics	Lord Kelvin (1824-1907)

A decorative header at the top of the slide features a collage of nature scenes. On the left, there are green leaves and a yellow flower. In the center, a brown butterfly is shown. On the right, there are blue rocks and a yellow flower.

4. Challenges To Evolutionism



Debunking The Myths in the Creation/Evolution Debate

- 1. The myth that** the Neo-Darwinian Macroevolution belief system—as heavily popularized by today’s self-appointed “science experts,” the popular media, academia, and certain government agencies—finds “overwhelming” or even merely unequivocal support in the data of empirical science
- 2. The myth that** the alternative—biblical creation—somehow *fails* to find any compelling, corroborative support in the same data

Evolutionary Theory in a Nutshell

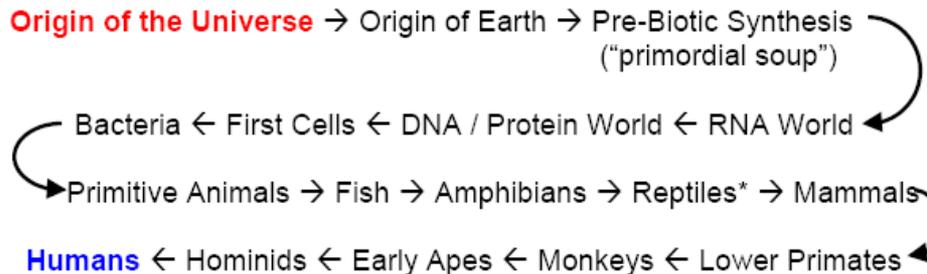
How Evolution Works:

1. Random chance mutations cause changes, or variation, in a population of organisms.
2. These different organisms then compete to survive and reproduce.
3. Those which are best able to survive and reproduce do so, and tend to leave the most offspring.
This is called "natural selection."
4. Over time, if some organisms survive and reproduce more than others, a species will "evolve."

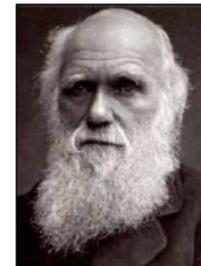
Evolution claims:

- All organisms are related through "common ancestry."
- All organisms arose through the process of mutation and natural selection.
- All organisms arose and persist because of the random chance processes of nature.

The story of evolution:



*Evolutionary theory says some reptiles also turned into birds.



The British naturalist, Charles Darwin, first proposed his theory of evolution in 1859 in *The Origin of Species*. (Picture from <http://www.eeb.lsa.umich.edu/images/darwin.jpg>)



Challenges to Evolutionism

1. Evolution has never been observed
2. Evolution violates the 2nd Law of Thermodynamics
3. There are NO credible transitional fossils
4. Life did not originate from non-life by random chance
5. Evolution is only a theory – it has not been proved



1. Macro-Evolution NOT Observed

- What is macro-evolution?
 - Molecules-to-man
 - Common descent
 - Emergence of new “advanced” features via mutations and natural selection
 - Simple to complex living organism with increase of genetic information
- Macro-Evolution has not been, and is not being, observed
- “Goo-to-you” (macro) evolution requires an increase in information

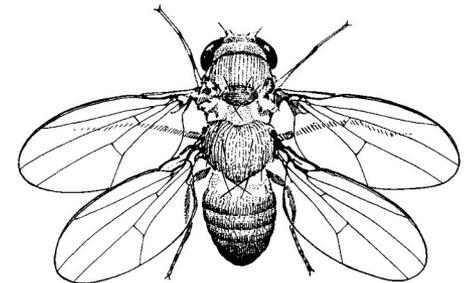
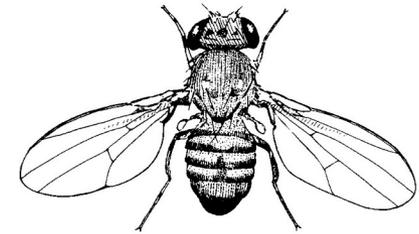


Micro-Evolution IS Observed

- What is micro-evolution?
 - Genetic variation, e.g (dis)appearance of existing/potential genetic traits through recombination of existing genetic code
 - Adaptive variations arising from existing genetic potential already in population's existing pool
- Examples of micro-evolution:
 - Darwin's finches
 - Industrial melanism in peppered moths
 - Insects developing resistance to pesticides
- All observed change involves sorting and loss of genetic information

Dobzhansky's Fruit Flies

- Fruit flies experiment in the lab
 - Radiation-induced mutation of fruit flies
 - Involves deliberate action, not natural
- Results
 - Fruit flies with extra wings, no wings, huge wings, tiny wings
 - Changes detrimental to survival
 - No advantages over other fruit flies
 - Still fruit flies!
- No progressive beneficial changes from simple to complex
- No increase in quantity/quality of genetic info





Quote by Lewin (Evolutionist)

“The central question of the Chicago conference was whether the mechanisms underlying microevolution can be extrapolated to explain the phenomena of macroevolution. At the risk of doing violence to the positions of some of the people at the meeting, the answer can be given as a clear No.”

Reported by Roger Lewin, “Evolutionary theory under fire,” *Science*, vol. 210 (4472), 21 November 1980, p. 883]



2. Evolution & 2nd Law of Thermodynamics

- The Second Law of Thermodynamics
 - Increasing entropy (unavailable energy)
 - Order -> disorder (systems left to themselves)
- Evolution requires
 - Disorder -> order
 - Simple -> complex
- What do we observe in nature?
 - Order -> disorder (deterioration)
 - Less available energy over time
 - Increased randomness over time



Quote by Isaac Asimov

“Another way of stating the second law then is: ‘The universe is constantly getting more disorderly!’ Viewed that way, we can see the second law all about us. We have to work hard to straighten a room, but left to itself it becomes a mess again very quickly and very easily. Even if we never enter it, it becomes dusty and musty. How difficult to maintain houses, and machinery, and our bodies in perfect working order: how easy to let them deteriorate. In fact, all we have to do is nothing, and everything deteriorates, collapses, breaks down, wears out, all by itself—and that is what the second law is all about.”

[Isaac Asimov, *Smithsonian Institute Journal*, June 1970, p. 6]



Open vs. Closed Systems

- Evolutionists argue
 - 2nd Law only applies to a closed system
 - Living systems are exceptions because they represent open systems
 - Solar energy is added to the earth
- But 2nd Law applies to the whole universe
 - Entropy is increasing
 - Things become less organized, less complex, more random in the universe
 - Raw solar energy increases entropy, e.g. heat



Quote by Dr. John Ross

“...there are no known violations of the second law of thermodynamics. Ordinarily the second law is stated for isolated systems, but the second law applies equally well to open systems ... there is somehow associated with the field of far-from equilibrium phenomena the notion that the second law of thermodynamics fails for such systems. It is important to make sure that this error does not perpetuate itself.”

[Dr. John Ross, Harvard scientist (evolutionist), *Chemical and Engineering News*, vol. 58, July 7, 1980, p. 40]



Add “Open” + “Energy”

- Apparent increase in organized complexity in living matter requires more than just an open system and an available energy supply:
 - A “program” (information) to direct growth in organized complexity
 - A mechanism for storing and converting the incoming energy
- Examples:
 - Plant photosynthesis, sun’s energy -> proteins
 - Seed -> plant
 - Animal metabolism, energy -> compose diet

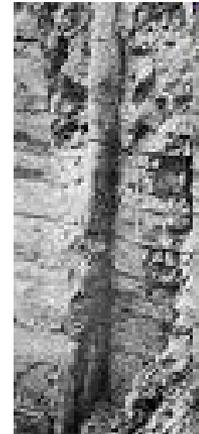


Living Systems & 2nd Law

- Living systems have a “program”
 - Living organism’s DNA contains the code (DNA, information) to direct process of building organism
 - Process continues throughout life of organism faster than natural processes (via 2nd Law) can break it down
- Living systems have “storage/conversion”
 - Built-in mechanism to convert and store incoming energy
 - Photosynthesis converts sun’s energy into usable/storable forms, e. g. proteins
 - Animals use metabolism to convert and use stored, usable, energy from organisms in their diets

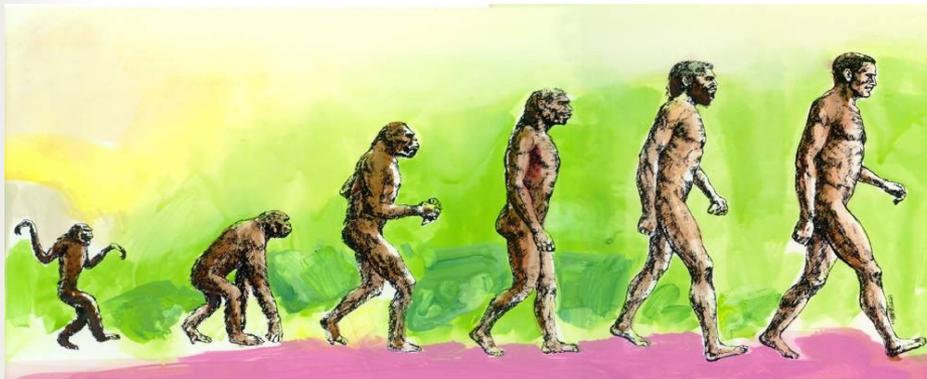
3. NO Transitional Fossils

- No credible “ape-like to human” fossil identified
- Lack of empirical evidence for transitions
 - The archaeopteryx was a bird, not a transitional fossil between reptile and bird
 - Whale “evolution” debunked
 - Horse “evolution” debunked
- “Inverted” fossil orders
- “Living fossils”, e.g. coelacanth fish
- Polystrate fossils
- The “Cambrian Explosion”



“Hominid” Fossils

- Neanderthal Man – accepted as homo sapiens
- Java Man – artificial construct
- Piltdown Man – proven to be a hoax
- Nebraska Man – an extinct pig
- Ramapithecus – an orangutan
- Lucy – make-believe creature



NO credible
“ape-like ->human”
fossil found!



Lord Zuckerman Chimes In

- “For example, no scientist could logically dispute the proposition that man, without having been involved in any act of divine creation, evolved from some ape-like creature in a very short space of time – speaking in geological terms – without leaving any fossil traces of the steps of the transformation.”

Zuckerman, Solly. 1971. *Beyond the ivory tower: The frontiers of public and private science.* New York: Taplinger Publishing Company. p. 64.



Ape-like To Man?

- In a Science Digest article written by **Lyall Watson**, he states that:
 - “The fossils that decorate our family tree are so scarce that there are still more scientists than specimens. The remarkable fact is that all the physical evidence we have for human evolution can still be placed, with room to spare, inside a single coffin.”
- **David Pilbeam** and **Steven Gould** (two evolutionists) report that:
 - “Unfortunately, the fossil record of pongids (*apes*) is nonexistent, making a glaring deficiency in the whole story.”



Quote From Raup [Evolutionist]

“The record of evolution is still surprisingly jerky and, ironically, **we have even fewer examples of evolutionary transition than we had in Darwin’s time**. By this I mean that some of the classic cases of darwinian change in the fossil record, such as the evolution of the horse in North America, **have had to be discarded or modified as a result of more detailed information—what appeared to be a nice simple progression when relatively few data were available now appears to be much more complex...**”

[Raup, David M. (evolutionist), “Conflicts Between Darwin and Paleontology,” Bulletin, Field Museum of Natural History, vol. 50 (January 1979), p.25.]



Quote from Simpson [Evolutionist]

"...Every paleontologist knows that most new species, genera, and families, and that nearly all categories above the level of family appear in the record suddenly and are not led up to by known, gradual, completely continuous transitional sequences."

[George Gaylord Simpson (evolutionist), *The Major Features of Evolution*, New York, Columbia University Press, 1953 p. 360.]



Quote From West [Evolutionist]

“Contrary to what most scientists write, the fossil record does not support the Darwinian theory of evolution because it is this theory (there are several) which we use to interpret the fossil record. By doing so, we are guilty of circular reasoning if we then say the fossil record supports this theory.”

[Ronald R. West (evolutionist), “Paleontology and Uniformitarianism.” *Compass*, Vol. 45 (May 1968), p. 216.]



Evolution: The Fossils Still Say No!

“In the preceding chapters, we have cited example after example of failure to find transitional forms where evolutionary theory predicts such forms should have been found. ... The examples cited in this book are in no way exceptions, but serve to illustrate what is characteristic of the fossil record.”

[Duane T. Gish (Creationist), *Evolution: The Fossils Still Say NO!*, page 333.]

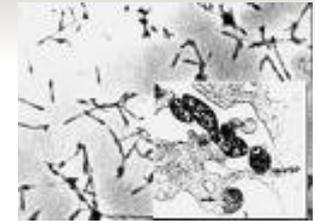


Fully Formed

“It is considered likely that all the animal phyla became distinct before or during the Cambrian, for they all appear fully formed, without intermediates connecting one phylum to another.”

Futuyma, Douglas J. 1986. *Evolutionary biology*. 2d ed. Sunderland, MA: Sinauer Associates, Inc. p. 325.

4. Life Did Not Originate From Non-Life by Random Chance



- Spontaneous generation (chemical evolution) has never been observed or shown to be possible
 - Redi in 1688, Spallanzani in 1780
 - Pasteur in 1860, Virchow in 1858
- Law of biogenesis has never been falsified
- Non-complex life form is impossible
 - Mycoplasma, simplest self-reproducing organism, has 482 genes with 580,000 'letters' (base pairs)
 - Requires parasitizing a more complex organism
 - Parasitism resulted from loss of genetic information



The Origin of Life

“Research on the origin of life seems to be unique in that the conclusion has already been authoritatively accepted What remains to be done is to find the scenarios which describe the detailed mechanisms and processes by which this happened. One must conclude that, contrary to the established and current wisdom, a scenario describing the genesis of life on earth by chance and natural causes which can be accepted on the basis of fact and not faith has not yet been written.”

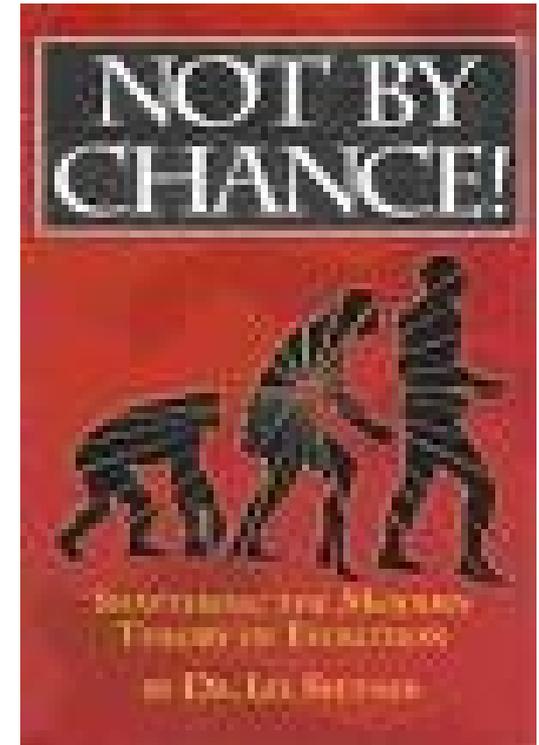
Yockey, H. P., A calculation of the probability of spontaneous biogenesis by information theory, *Journal of Theoretical Biology* 67:377-398, 1977.

Mutations & Information

“Not By Chance”, Dr. Lee Spetner

“But in all the reading I’ve done in the life-sciences literature, I’ve never found a mutation that added information ... All point mutations that have been studied on the molecular level turn out to reduce the genetic information and not to increase it.”

- Random (chance) mutation and natural selection are opposites!





A Self-Replicating Organism?

“Prebiotic soup is easy to obtain. We must next explain how a prebiotic soup of organic molecules, including amino acids and the organic constituents of nucleotides evolved into a self-replicating organism. While some suggestive evidence has been obtained, I must admit that attempts to reconstruct this evolutionary process are extremely tentative.”

[Dr. Leslie Orgel (evolutionist biochemist at the Salk Institute, California), “Darwinism at the very beginning of life,” *New Scientist*, 15 April 1982, p. 150]



Spontaneous Formation of Life?

“The likelihood of the spontaneous formation of life from inanimate matter is one to a number with 40,000 noughts after it. It is big enough to bury Darwin and the whole theory of evolution. There was no primeval soup, neither on this planet nor on any other, and if the beginnings of life were not random, they must therefore have been the product of purposeful intelligence.”

Wickramasinghe, professor of applied mathematics and astronomy, UK



5. Evolution is Only a Theory; It Has Not Been Proved

- Working general biological meaning of “evolution” to most evolutionists is:
 - **“a continuous naturalistic, mechanistic process by which all living things have arisen from a single living source which itself arose by a similar process from a non-living, inanimate world.”**
- A theory implies:
 - Self-consistency
 - Agreement with observations
 - Usefulness



Evolutionism is Not Self-consistent

- By requiring multiple “definitions”, depending on the need of the moment
- In the varied, and contradictory camps connected with thermodynamics, phylogeny, proposed mechanisms, and various sub-theories, etc.



Evolutionism Does Not Agree With Observations

- The fossil record
- Geology
- Genetics
- Molecular biology
- Thermodynamics
- Various dating methods – radiometric and geological/geophysical
- Probability mathematics



Evolutionism Has Not Proved Useful

- No new advancements in scientific knowledge or technology, i.e. science does not require belief in Evolution
- No advancements in medicine (hindered in some cases because of false claims [now discarded] re: “vestigial” organs)
- No positive contribution to society through evolution-based social “sciences”, e.g. justification for racism, nazism, communism, other societal/ideological ills



Evolutionism Found Wanting

- Evolution has never been observed
- Evolution violates 2nd Law of Thermodynamics
- There are NO credible transitional fossils
- Life can/did not originate from non-life by chance
- Evolution is only a (unproven) theory



Evolution Cannot Be Proved!

- It operates too slowly to be measurable (if it is taking place)
- The scientific method cannot be used to measure it
- Small variations in organisms, observed today, are not relevant (can't be used to distinguish between creation and evolution)

Dr. Heribert-Nilsson, Director of the Botanical Institute at Lund University, Sweden, said “My attempt to demonstrate evolution by an experiment carried on for more than 40 years has completely failed. ... The idea of an evolution rests on pure belief.” (*Synthetische Artbildung*, 1953).

British Evolutionist Colin Patterson noted: “No one has ever produced a species by mechanisms of natural selection. No one has ever gotten near it and most of the current argument in neo-Darwinism is about this question.”



5. Does It Matter What
We Believe About
Creation?



Setting The Stage

- Atheists/Evolutionists say “evolution is a fact, not a theory.”
- Atheists say man is the result of a purposeless and natural process (without him in mind).
- Atheists say science is the basic source of knowledge.
- The evils of evolution result from the rejection of God as Creator.

Quote from Dawkins

(British evolutionist)



- **Richard Dawkins:** “It is absolutely safe to say that if you meet someone who claims not to believe in evolution, that person is ignorant, stupid or insane (or wicked, but I’d rather not consider that).”



The Influence of Evolution

- “A person’s philosophy of origins will inevitably determine ... what he believes concerning his destiny, and even what he believes about the meaning and purpose of his life and actions right now ...”
Henry Morris
- “Evolution has an impact on every aspect of man’s thinking: his philosophy, his metaphysics, his ethics ...” **Ernst Mayr**
- “Evolutionary theory has been enshrined as the centerpiece of our educational system, and elaborate walls have been erected around it to protect it from unnecessary abuse.” **Jeremy Rifkin**



How Has Evolution Impacted Us?

- Key influencers:
 - Charles Darwin, Herbert Spencer, Sigmund Freud
 - Karl Marx, Adolf Hitler, Vladimir Lenin
 - Friedrich Nietzsche, Ernst Haeckel
 - John Dewey, Jean Paul Sartre
- The impact on our society is pervasive
 - Science, education, politics, religion, culture
- Secular humanism is a direct result of the philosophy of evolution
- The philosophy of evolution has led to many modern evils in our society

Evolution Is At The Foundation

CREATIONWISE



"Evolution is at the foundation of communism, fascism, Freudianism, social darwinism, behaviorism, Kinseyism, materialism, atheism, and in the religious world, modernism and neo-orthodoxy"

-Henry Morris 1963, *Genesis Flood* p. 24



The Influence of Evolution

- One's view of evolution **DOES** matter, as evidenced by the last 160+ years
- Evolution is **more** than a biological or geological hypothesis
 - **Evolution is a world view!**
- A person's philosophy of origins will inevitably determine:
 - His beliefs concerning his destiny
 - His beliefs concerning the meaning and purpose of his life
 - His actions in the present world



The Influence of Evolution - 2

- Evolution is imposed on every area of our lives
 - Church, theistic evolution, culture
 - Morally, socially, mentally
- Evolution provides an “apparent” way for a man to escape his responsibility to God
 - No judge before whom we must all appear
 - Man is responsible only to himself
 - Whatever helps evolution helps society



Implications of Evolutionary Thought

- Cheapening of human life
 - Abortion, Euthanasia
- Unwarranted elevation of animal life
 - Animals should have human rights
- Overly zealous ecology movement
- Relativistic thinking
- Movement away from law based on Biblical concepts to popular will
- “Change” is the norm

Abortion and Evolution

- Embryo in womb goes through “stages of evolution” – called “**embryonic recapitulation**” by **Ernst Haeckel**,
- Women undergoing abortion are told that the embryo is only in the early stages of evolution (fish or animal)
- Late term abortions -> Infanticide -> euthanasia?



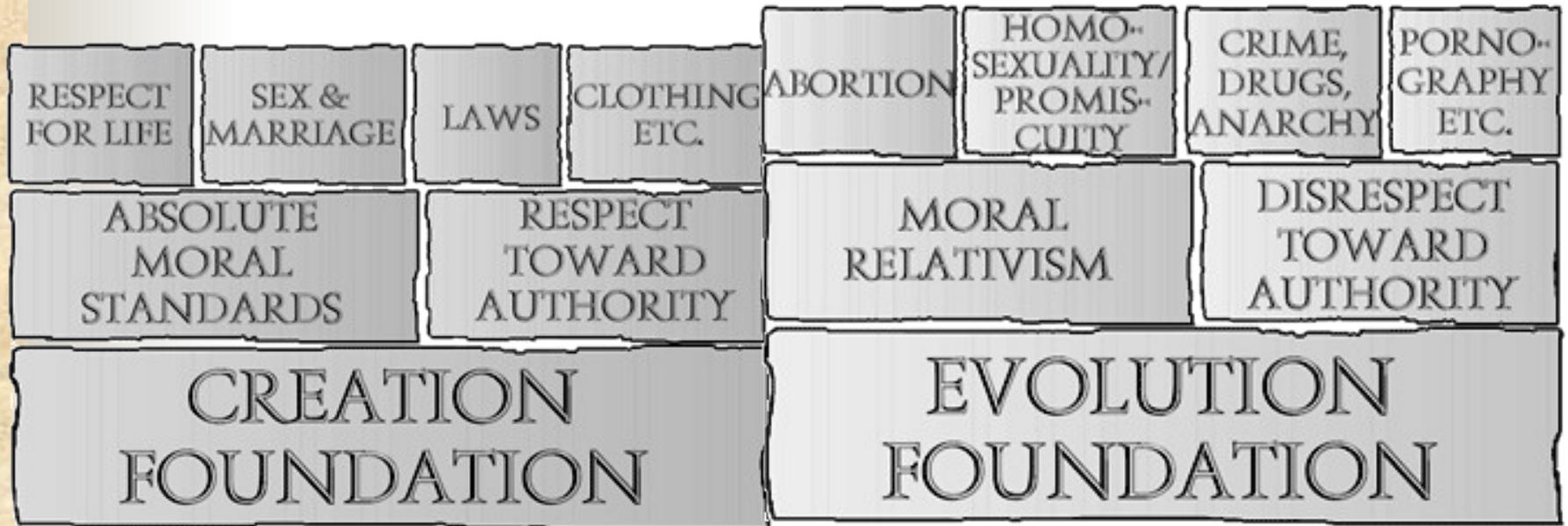


Conclusions

- Jesus is our Creator AND Redeemer
- Creation is an essential truth of the Bible
- You can trust the Bible as God's Word
- Evolution is NOT a proven fact
- Science does support Creation
- It does matter what you believe
- Learn to defend your faith – **1 Pet. 3:15**
- Don't be deceived – **Col. 2:8**

Col. 2:8 “See to it that no one takes you captive through philosophy and empty deception, according to the tradition of men, according to the elementary principles of the world, rather than according to Christ.”

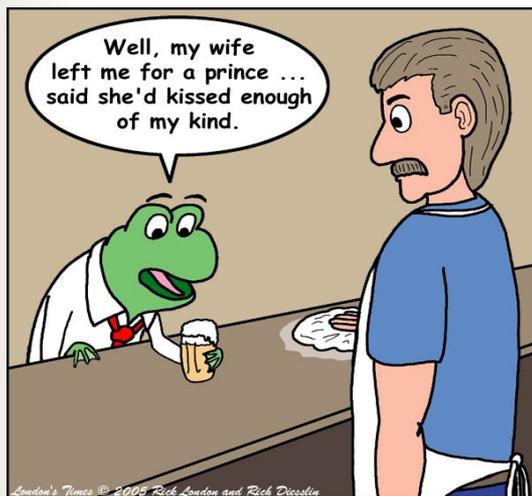
Which Foundation Will You Trust and Build On?





More Information

- ICR – Institute for Creation Research
 - icr.org
 - Acts and Facts articles on Creation
- Answers in Genesis
 - answersingenesis.org
 - Books, seminars, articles on Creation
- Creation Research Society
 - creationresearch.org
 - Publication of peer-reviewed creation articles
- Dr. Heinz Lycklama's Lectures
 - HeinzLycklama.com/creation & HeinzLycklama.com/apologetics
- True Origin Archive
 - trueorigin.org
 - Exposing the myth of evolution



**Thank you
for your
attention!**

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Creation Organizations

- ICR – Institute for Creation Research
 - www.icr.org
 - Books by Henry Morris (founder), e.g.
 - The Genesis Flood
 - The Genesis Record
 - The Modern Creation Trilogy
 - Acts and Facts articles on Creation
- Answers in Genesis
 - www.answersingenesis.org
 - Founded by Ken Ham
 - Books, seminars, articles on Creation



Creation Organizations - 2

- Creation Evidence Museum
 - www.creationevidence.org
 - Dinosaurs and human tracks
- Creation Moments
 - www.creationmoments.com
 - Radio spots
- Creation Research Society
 - www.creationresearch.org
 - Publication of peer-reviewed creation articles



Creation Organizations - 3

- Center For Scientific Creation
 - www.creationscience.com
 - “In The Beginning” Book by Walt Brown, Ph.D.
- Creation Science Evangelism
 - www.drdino.com
 - Videos, seminars
- Discovery Institute
 - www.discovery.org
 - Intelligent Design “Think Tank”



Important Books

- The Genesis Record, Dr. Henry Morris
- The Genesis Flood, Dr. John Whitcomb & Dr. Henry Morris
- The Collapse of Evolution, Scott Huse
- The Lie: Evolution, Ken Ham
- Refuting Evolution, Dr. Jonathan Sarfati
- Evolution: The Fossils Still Say No!, Dr. Duane Gish
- Scientific Creationism, Dr. Henry Morris
- Dinosaurs by Design, Dr. Duane Gish
- Genetic Entropy & the Mystery of the Genome, Dr. J.C. Sanford



More Important Books

- The Young Earth, Dr. John Morris
- Science and the Bible, Dr. Henry Morris
- Tornado in a Junkyard, James Perloff
- In The Beginning, Dr. Walt Brown
- Evolution: A Theory in Crisis, Michael Denton
- Darwin on Trial, Dr. Phillip Johnson
- Darwin's Black Box, Dr. Michael Behe
- Design Inference, Dr. William Dembski
- Icons of Evolution, Dr. Jonathan Wells



Yet More Important Books

- The Battle for the Beginning, Dr. John MacArthur
- Total Truth, Nancy Pearcey
- The Design Revolution, Dr. William Demski
- The Origin of Species Revisited, W. R. Bird
- It Matters What We Believe, Mike Riddle
- The Evolution of a Creationist, Jobe Martin
- Grand Canyon (a different view), Tom Vail
- In Six Days, Dr. John Ashton
- Starlight and Time, Dr. Russell Humphreys
- Starlight, Time and the New Physics, Dr. John Hartnett