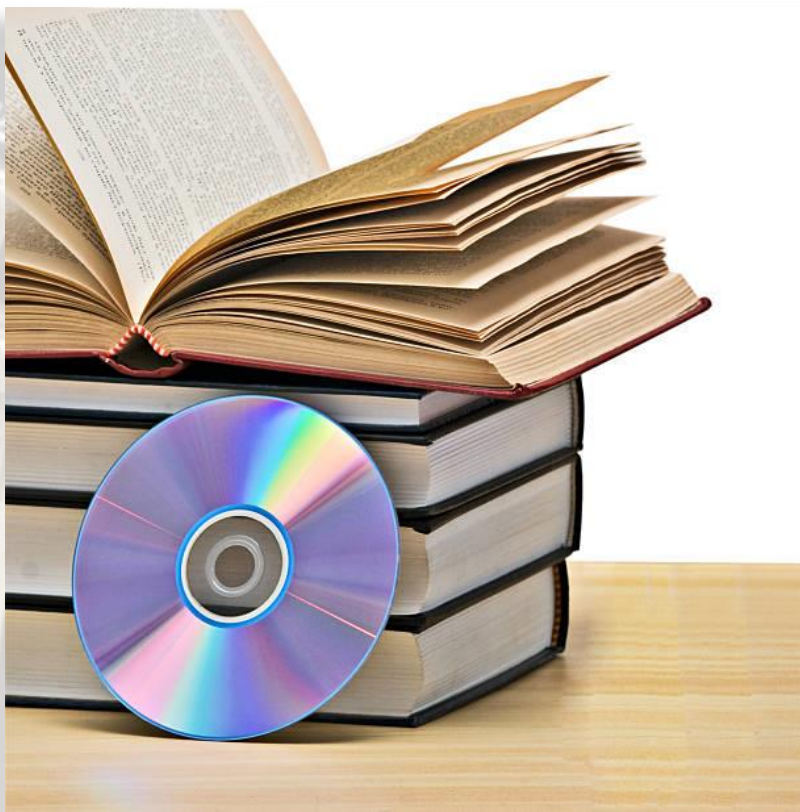
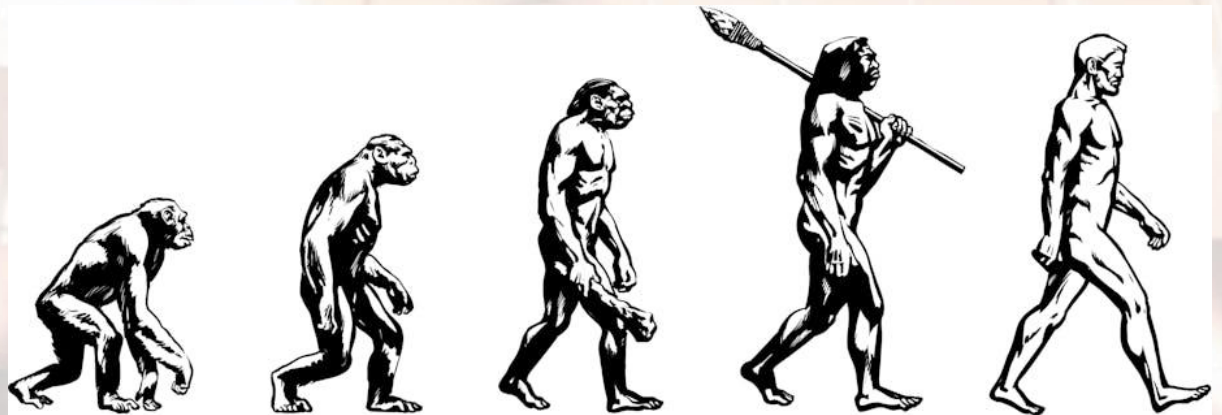




God
MUST NOT
Exist

Scientific
Theories and
Defense of
Creationism



Criteria for Science: CONPTT

Consistency

- Repeated results or observations

Observability

- Event or evidence can be perceived using human senses

Natural

- Observable causes explain how and why events occur

Predictability

- Observation or extension of data can forecast a future event

Testability

- Predictions can be tested using scientific methods

Tentativeness

- Science is a dynamic
- Revisions, corrections, or disproof of theories occurs as new information and technology becomes available

Scientific Explanations

Hypothesis

- An educated guess, Prediction
- Tentative or proposed explanation
- *Ex: "If bacteria are exposed to a new antibiotic, then their growth rate will decrease."*

Theory

- Well-substantiated explanations
- Based on a body of facts
- Can change
- *Ex: Theory of gravitation explains why apples fall from trees*

Fact

- A basic statement established by experiment or observation
- *Ex: "Water freezes at 0 degrees Celsius"*

Improbability of Life Forming by Chance



Stephen Meyer claims that the chance of a single functional protein randomly put together being a is 10^{164} .

† 10^{18} seconds since the Big Bang!

To create life:

† All proteins must be gathered together (randomly) in the same place and time!

† Produce cells, tissues, organs

† Become ALIVE

† The human genome contains 3 billion nucleotide pairs

† mRNA contains the information for the translation of the genetic message into protein.

† Where did mRNA come from?

† Fred Hoyle's junkyard tornado analogy

† Chance of a tornado assembling a Boeing 747 from the materials in a junkyard.

Primordial/Organic Soup Theory

- + *Life on Earth originated from a pool of simple organic molecules, like amino acids, that accumulated in oceans, forming a "soup" where, through chemical reactions spurred by energy sources like lightning, these molecules eventually combined to form the first living organisms*



Primordial Soup Theory: Critique

+ Scientifically:

- † Statistically impossible; doesn't adequately account for the origin of the genetic code's complexity.
- † Where did the energy come from?

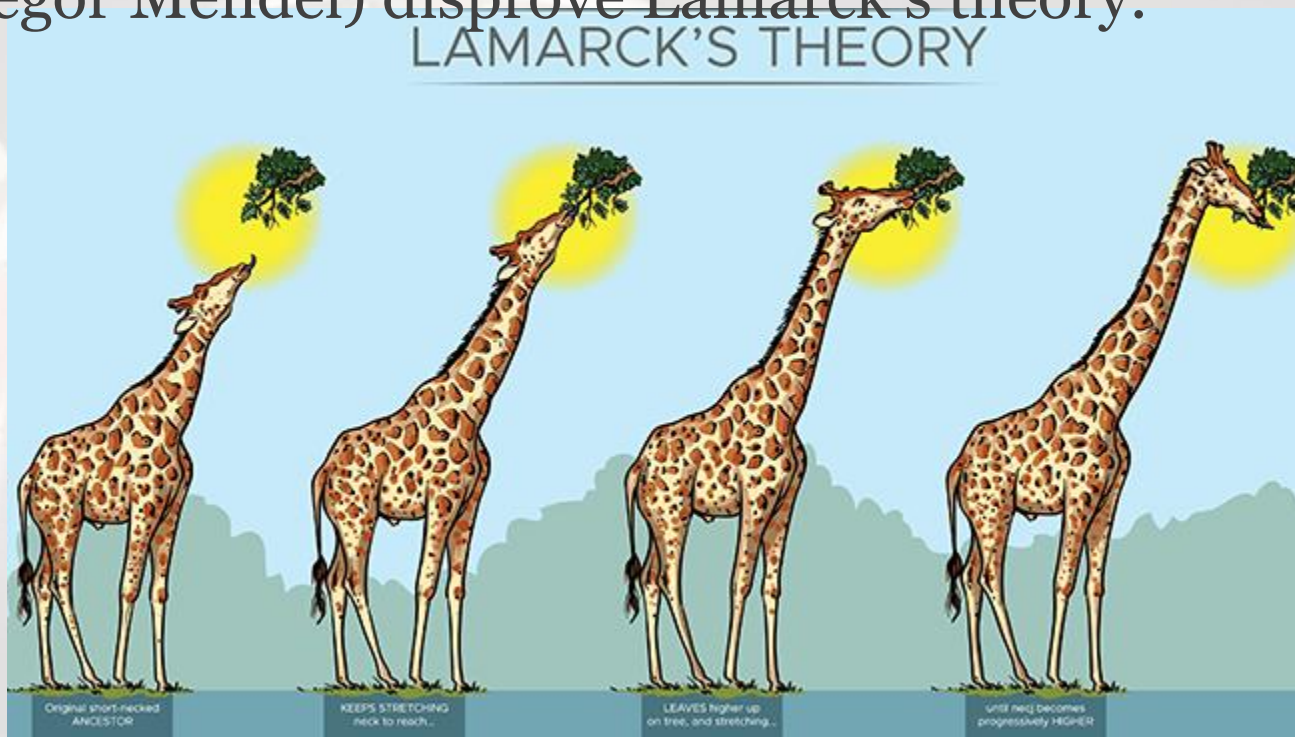
+ Logically:

- † How could complex cells arise from this “soup” purely by chance?
- † How did the first organic soup cell come about?



Lamarck's Theory of Acquired Characteristics

- + Definition: Species evolve by passing on acquired traits (e.g., giraffes evolving longer necks).
- + Critique: Traits acquired during an individual's lifetime are not inherited by offspring.
- + Scientific Rejection: Laws of heredity (discovered by Gregor Mendel) disprove Lamarck's theory.

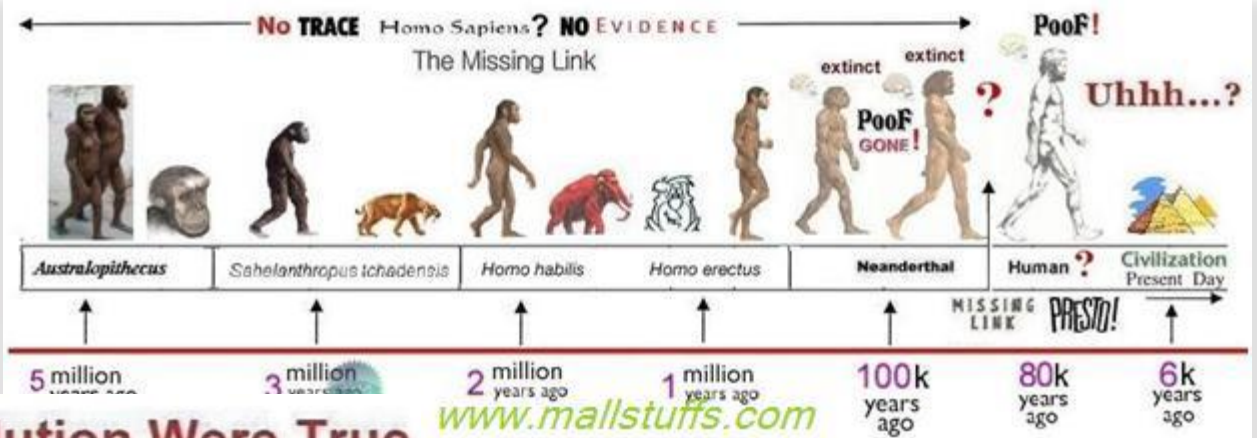


Darwin's Theory of Evolution by Natural Selection

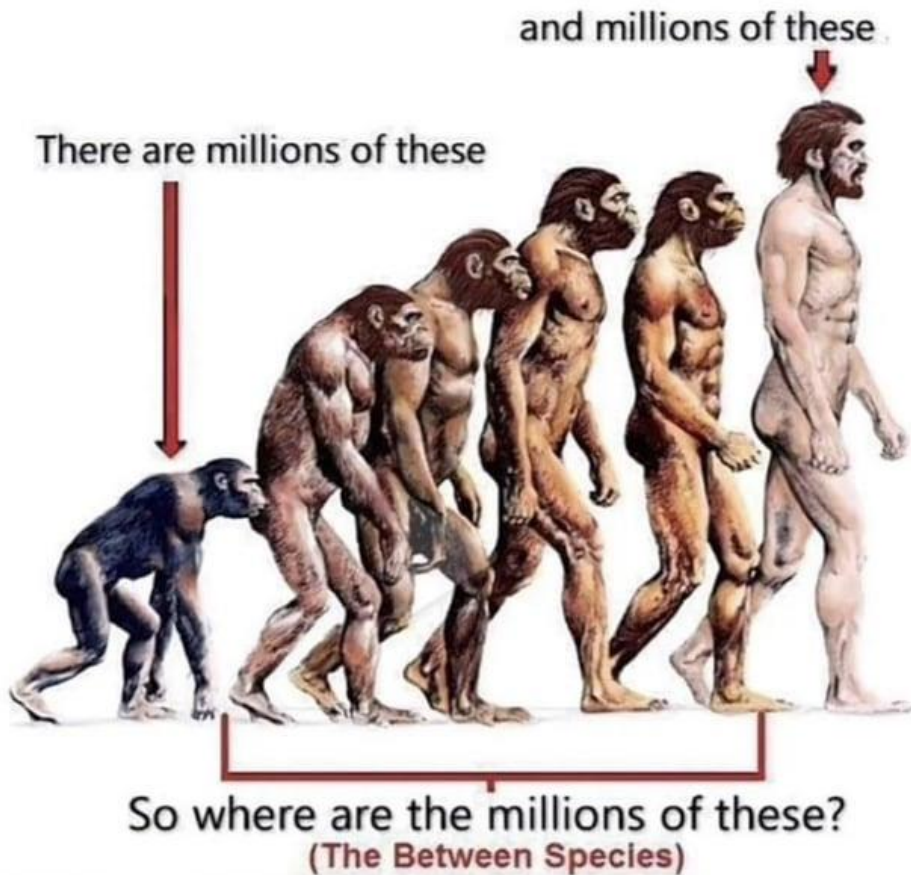
- + Key Concepts: Common ancestry, natural selection, and survival of the fittest.
- + Criticism:
 - + The lack of fossil evidence for intermediate forms (missing links) raises doubts.
 - + Example of discredited discoveries (e.g., Nutcracker Man, Piltdown Man, Java Man).
 - + Fossil Record Issue: The gaps in the fossil record challenge the completeness of Darwin's theory.
 - + Abrupt appearance: many species seem to appear suddenly in the fossil record without clear transitional forms, and then remain largely unchanged for long periods of time
 - + Most major animal groups appear suddenly in the fossil record

"missing links" in human evolution

- + Neanderthal (*Homo neanderthalensis*): A sibling human species.
 - + Never found
- + Java Man (*Homo erectus*): Discovered by Eugene Dubois in 1891 in Indonesia.
 - + Some dismissed the fossils as apes and others as modern humans, whereas many scientists considered Java Man as a primitive side branch of evolution not related to modern humans at all.
- + Piltdown Man: A set of bones found in 1912 thought to be the "missing link" between ape and man.
 - + Eventually revealed to be a hoax.
- + Nebraska Man: Originally described as an ape by Henry Fairfield Osborn in 1922, on the basis of a tooth found by rancher and geologist Harold Cook in Nebraska in 1917.
 - + Later, the original classification proved to be a mistake, and was retracted in 1927.



If The Theory of Evolution Were True



Mutation and DNA

- ✚ Role of Mutations:
 - ✚ Mutations are mostly harmful, causing diseases rather than evolution.
 - ✚ Mutations are changes, not additions, making it improbable that they lead to complex organisms.





Mutation and DNA: *Time Problem*

- + Beneficial mutations take far too long to occur
 - + 7 mutations for a single protein function would take 10^{27} years!
 - + The timeframe required for evolution through mutations is far longer than Earth's age.
 - + 16 genetic differences between leg of chimp and human
 - + Requires six million YEARS of successive targeted useful mutations

Cosmology and the Concept of Multiverse

+ Definition:

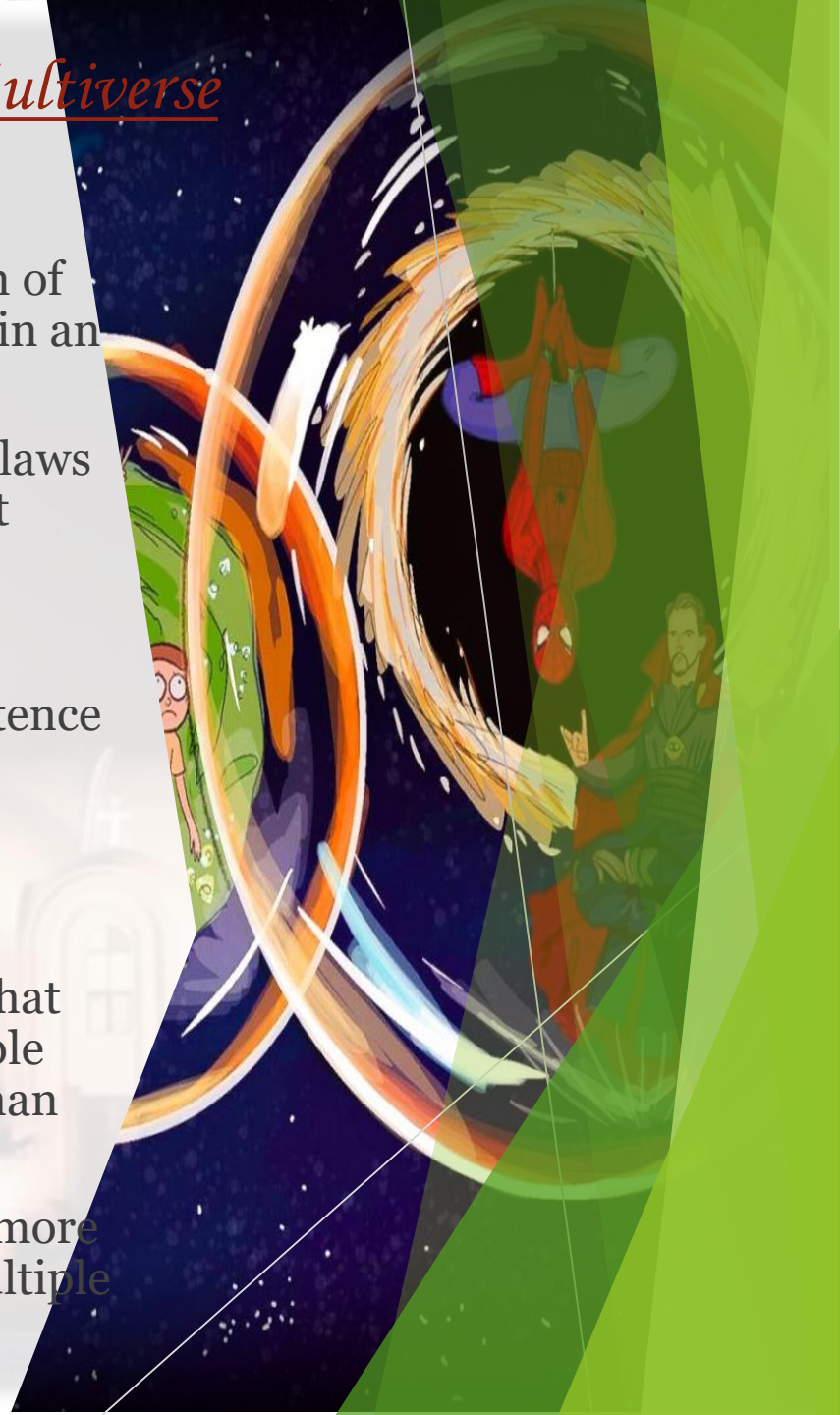
- + Our universe is part of a larger collection of universes, or multiverse, that may contain an infinite number of universes.
- + "parallel universes" may have their own laws of physics, stars, galaxies, and intelligent civilizations.

+ Evidence:

- + No empirical evidence supports the existence of multiple universes.
- + It can't never be tested

+ Hawking's Perspective:

- + Stephen Hawking's last paper suggests that even though we have no proof for multiple universes, some find it more plausible than invoking a Creator.
- + Critique: The existence of a Creator is a more probable explanation than unproven multiple universes.



Case for a Creator!

+ “We don’t yet have evidence that our laws were shaped by such a process (multiverse). But if the alternative is the postulation of a supernatural creator, then this seems like the more plausible proposal.”

(Stephen
multive



Alien Theory

- + Some atheists, including Richard Dawkins, suggest life could have been seeded by aliens.
- + Critique:
 - + This theory is viewed as an implausible alternative to creationism.
 - + Who created the Aliens?

Questions

- + Why is the probability of life forming by chance considered impossible?
 - † Longer than the age of the Earth.
- + What are the gaps in Darwin's theory of evolution?
 - † Missing Links
 - † Abrupt appearance
- + What is the role of mutations in evolution?
 - † Mostly Harmful
- + What is the main challenge to the theory of multiple universes?
 - † It can never be tested
- + What about alternative theories like the alien theory?
 - † There must still be a creator

God MUST exist

- + Faith in God as the Creator is more logically sound than speculative scientific theories lacking empirical evidence.
- + *“Beware lest anyone cheat you through philosophy and empty deceit, according to the tradition of men, according to the basic principles of the world, and not according to Christ.” (Col 2:8)*
- + *“Let no one cheat you of your reward, taking delight in false humility and worship of angels, intruding into those things which he has not seen, vainly puffed up by his fleshly mind, and not holding fast to the Head, from whom all the body, nourished and knit together by joints and ligaments, grows with the increase that is from God.” (Col 2:18-19)*