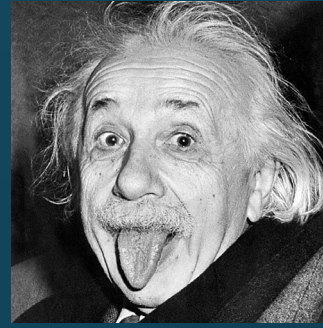




GENESIS
IN THE BEGINNING

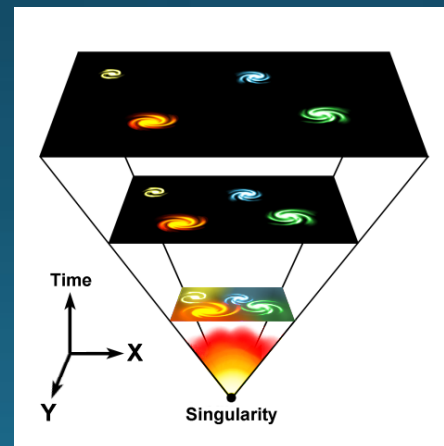
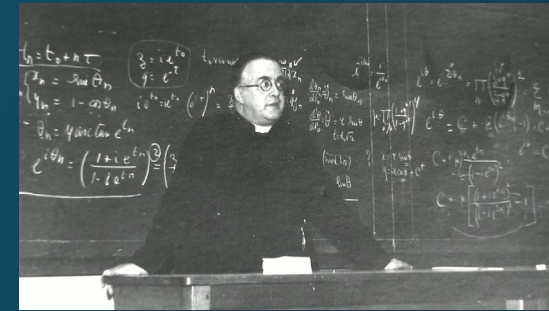
**The story of Creation &
Science**



Steady State Theory

- ❑ 1920s and 1930s: The universe has no beginning (No Creation) and no end, but is constant.
- ❑ Eternal steady state universe, scientists complained that the beginning of time implied by the Big Bang imported religious concepts into physics
- ❑ Albert Einstein's general relativity: "cosmological constant" to avoid saying that the universe is expanding
- ❑ Could not account for a factor he called "fudge factor" or "the biggest mistake of my life"

Big Bang Theory?

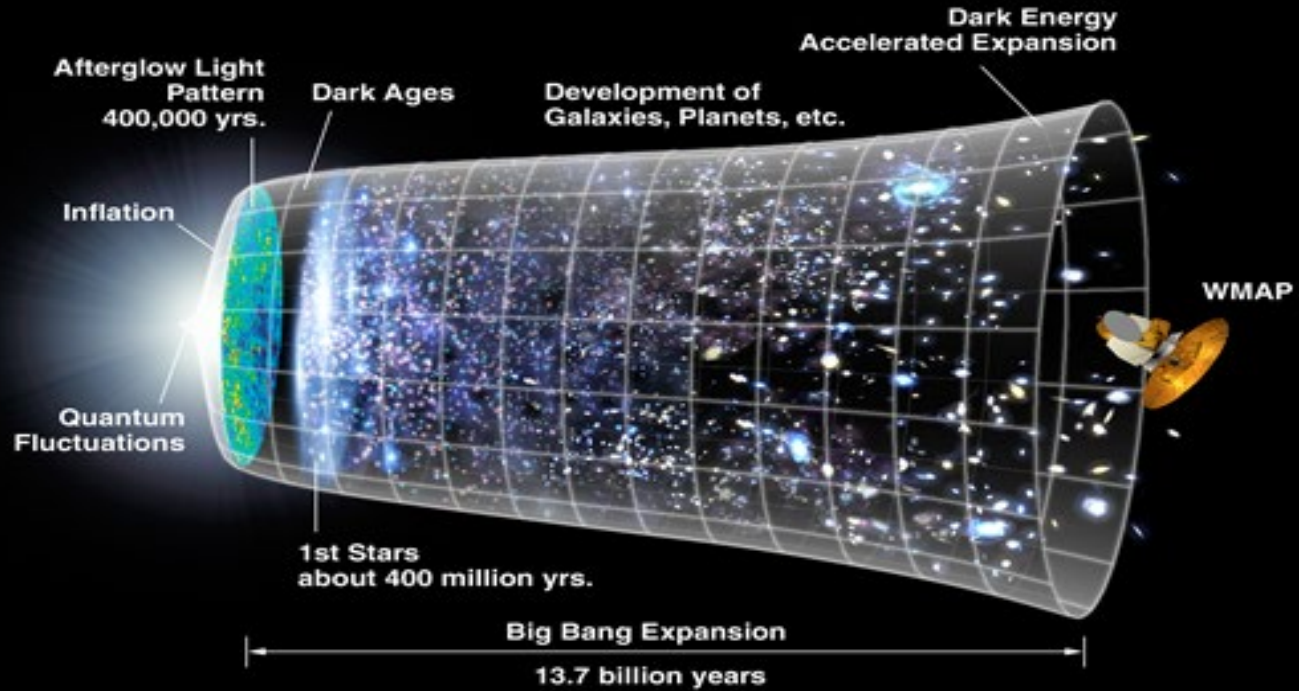


Modern day understanding

- ❑ The universe is ever expanding. Galaxies around us are moving further away. (Hubble telescope)
- By reverse calculation, there appears to be a start point (Singularity) to the universe.
- *(Hawking, S. W.; Ellis, G. F. R. (1973). The Large-Scale Structure of Space-Time. Cambridge University Press. ISBN 0-521-20016-4.)*
- ❑ Following initial explosion there was a period of “inflation”
- Many rapid explosions and implosions, high temperatures and energy density, no stable molecules were formed.
- *Formation of protons, neutrons, and electrons following period of cooling. (Schewe, P. (2005). "An Ocean of Quarks". Physics News Update (American Institute of Physics) 728 (1).)*

Model

- Fo
- Ga
- Gr
- St



NASA/WMAP Science Team

Harvard University Gazette: 25
February 1999.





Journey back in time with the world's first scientist

Creation of the Universe

How did Moses know about all this?

- ❑ Guided by the holy spirit 2Peter 1:20-21
- ❑ *²⁰ knowing this first, that no prophecy of Scripture is of any private interpretation, ²¹ for prophecy never came by the will of man, but holy men of God spoke as they were moved by the Holy Spirit.*
- ❑ God telling Moses about the creation of the universe during the 40 days on Mount Saini

Day 1

- In the beginning (**beginning of creation**)
- The darkness was over the deep (Gen1:2)
- The Spirit of God was hovering over the face of the water (Gen 1:2)
- Let there be light (Gen1:3)
- And there was evening and morning (Gen1:5) (*periods of darkness and periods of light*) (*Not 24hrs*)

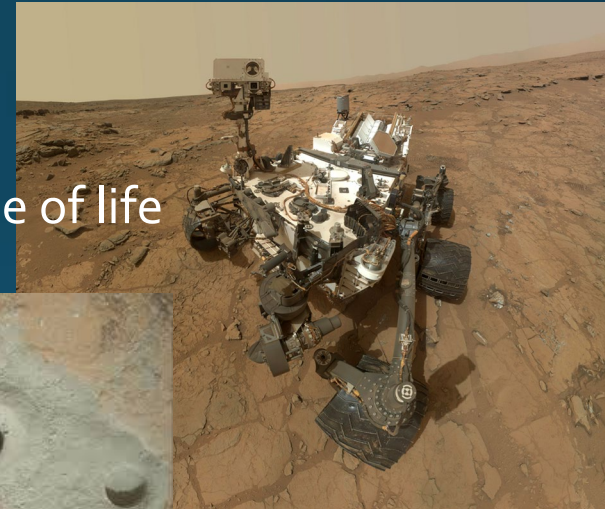


“The Spirit of God was hovering over the face of the water” Genesis 1:2

SPACE.COM
Water is one of the building blocks of life
The first molecules to form.
TRENDING: Skywatching Guide // Space Webcasts // Mars Rover Curiosity // Solar Flares // Space

Curiosity Rover Drills Into Mars Rock, Finds Water

by Miriam Kramer, Space.com Staff Writer | December 16, 2014 06:30pm ET



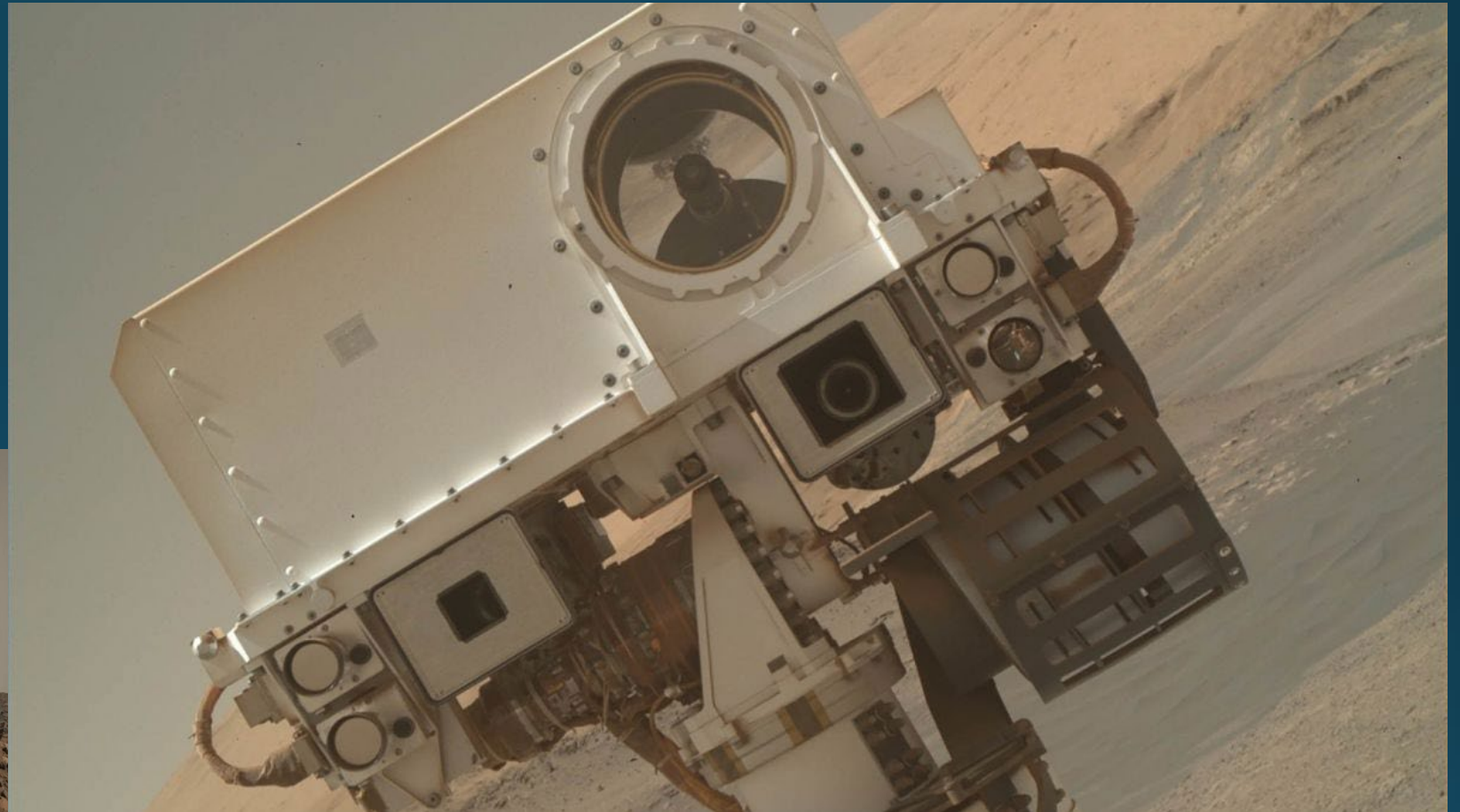
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Mars

Nasa finds evidence of a vast ancient ocean on Mars

First space selfie



Astronomers Find Largest, Oldest Mass of Water in Universe

SPACE.com Staff | July 22, 2011 03:48pm ET

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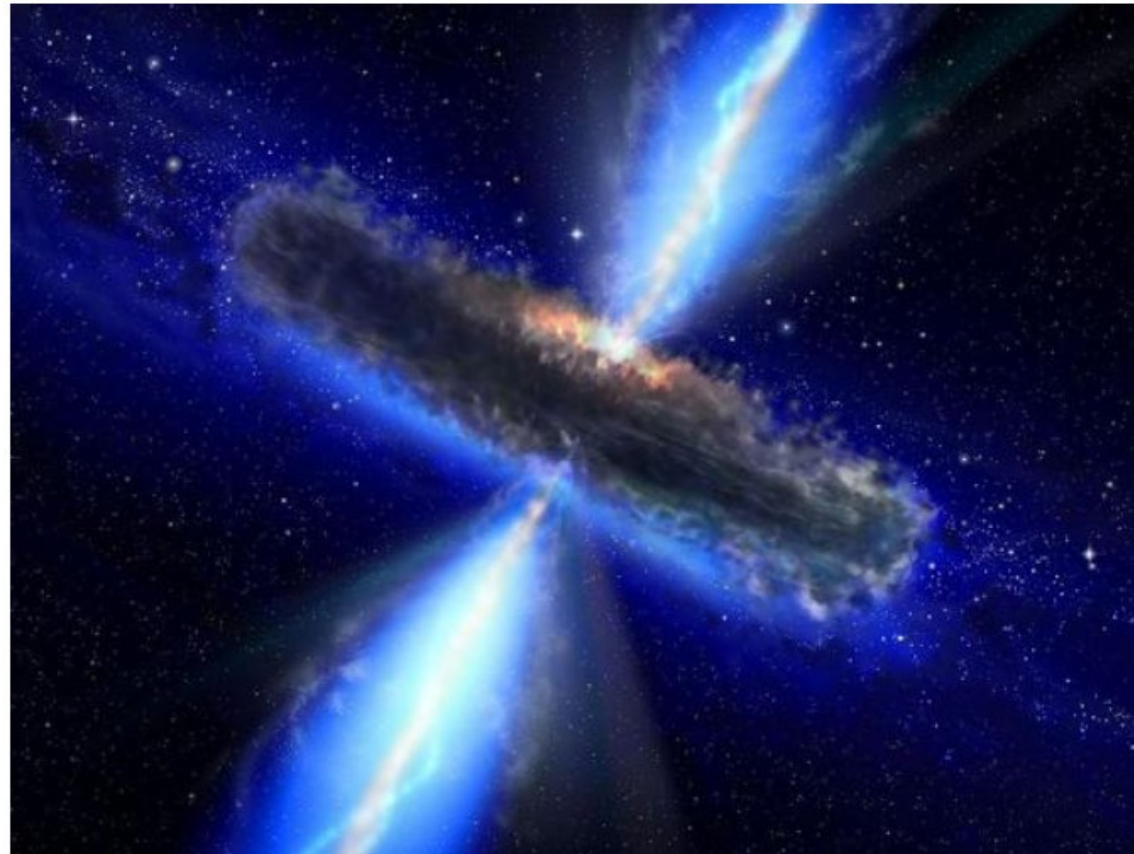
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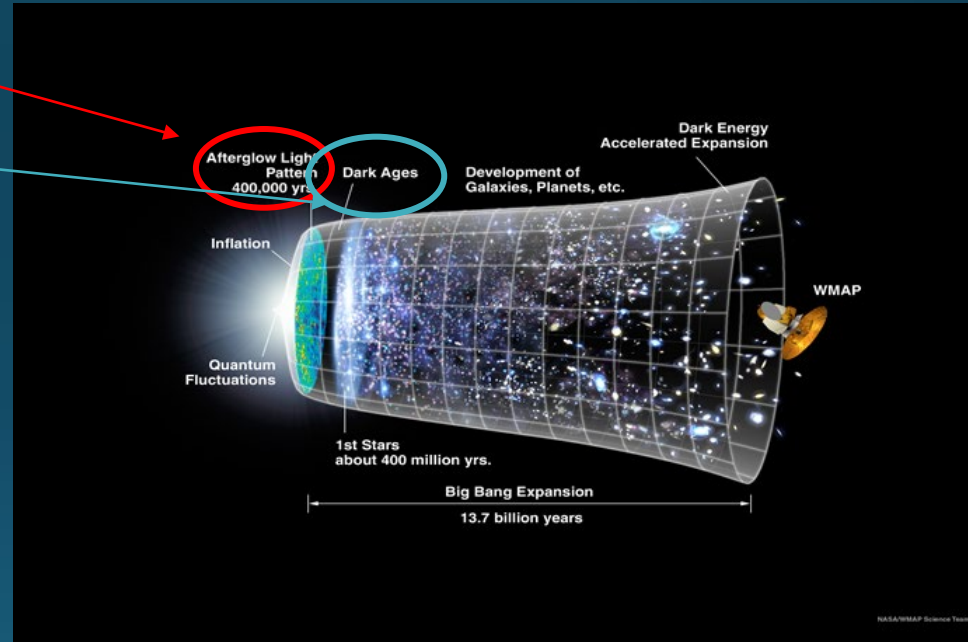
Reddit

More



Times of darkness and light

- “and darkness was over the deep”
Gen 1:2
- “Then God said,
“Let there be light”” Gen 1:3
- “and there was evening and morning, one day”



Day 2

- Let there be firmament in the mid of the water (Gen1:6) (*clouds of gases arises, before the land*)
- Thus God made the firmament, and divided the waters which *were* under the firmament from the waters which *were* above the firmament; and it was so.
⁸ And God called the firmament Heaven.



THE ASTROPHYSICAL JOURNAL LETTERS

[The Astrophysical Journal Letters](#) > [Volume 527](#) > [Number 1](#)

Volker Bromm *et al.* 1999 *ApJ* **527** L5 doi:10.1086/312385

Forming the First Stars in the Universe: The Fragmentation of Primordial Gas

FREE

Volker Bromm¹, Paolo S. Coppi¹, and Richard

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International weekly journal of science

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Letters to Nature

Nature **425**, 812-814 (23 October 2003) | doi:10.1038/nature02071; Received 18 August 2003; Accepted 18 September 2003

The formation of the first low-mass stars from gas with low carbon and oxygen abundances

Volker Bromm¹ & Abraham Loeb¹

1. Astronomy Department, Harvard University, 60 Garden Street, Cambridge, Massachusetts 02138, USA

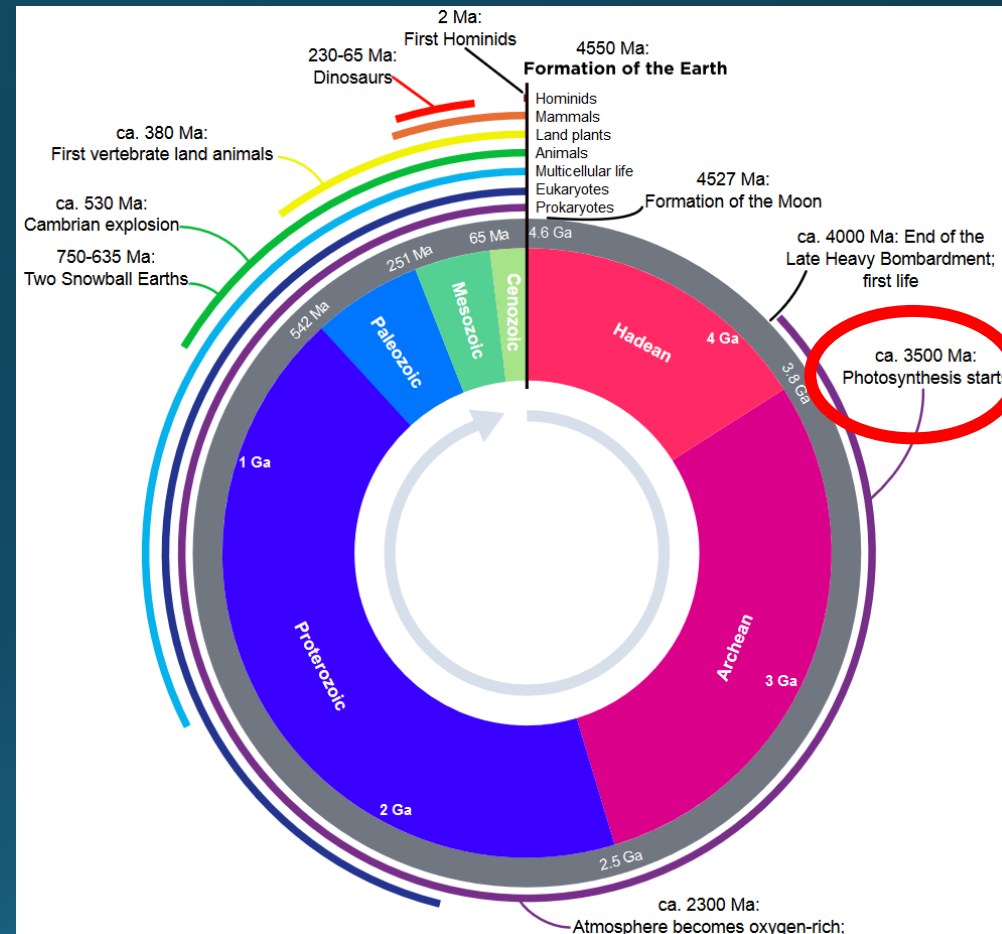
Day 3



- Let the waters under the heavens be gathered together into one place, and let the dry *land* appear
- Let the earth bring forth grass, the herb *that* yields seed, *and* the fruit tree *that* yields fruit according to its kind, whose seed *is* in itself, on the earth"; and it was so. ¹² And the earth brought forth grass, the herb *that* yields seed according to its kind, and the tree *that* yields fruit, whose seed *is* in itself according to its kind. (*1st sign of Genetics*)

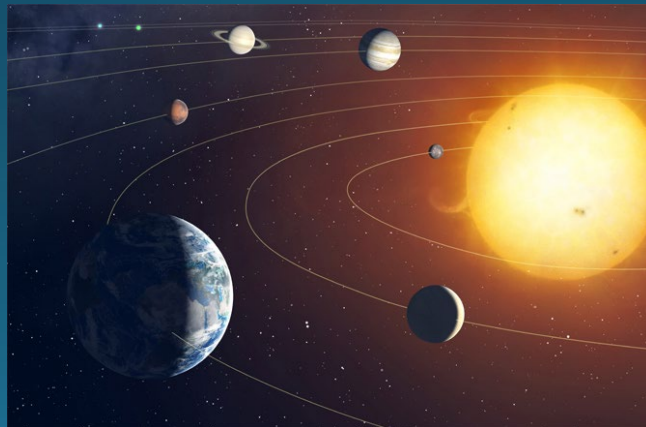


- Photosynthesis started before the sun is formed in its present form.
- Light was present from the space.
- Oxygen rich atmosphere forms.
- Each species multiplies and brings forth more its own, proof of genetics and understanding of species specificity.



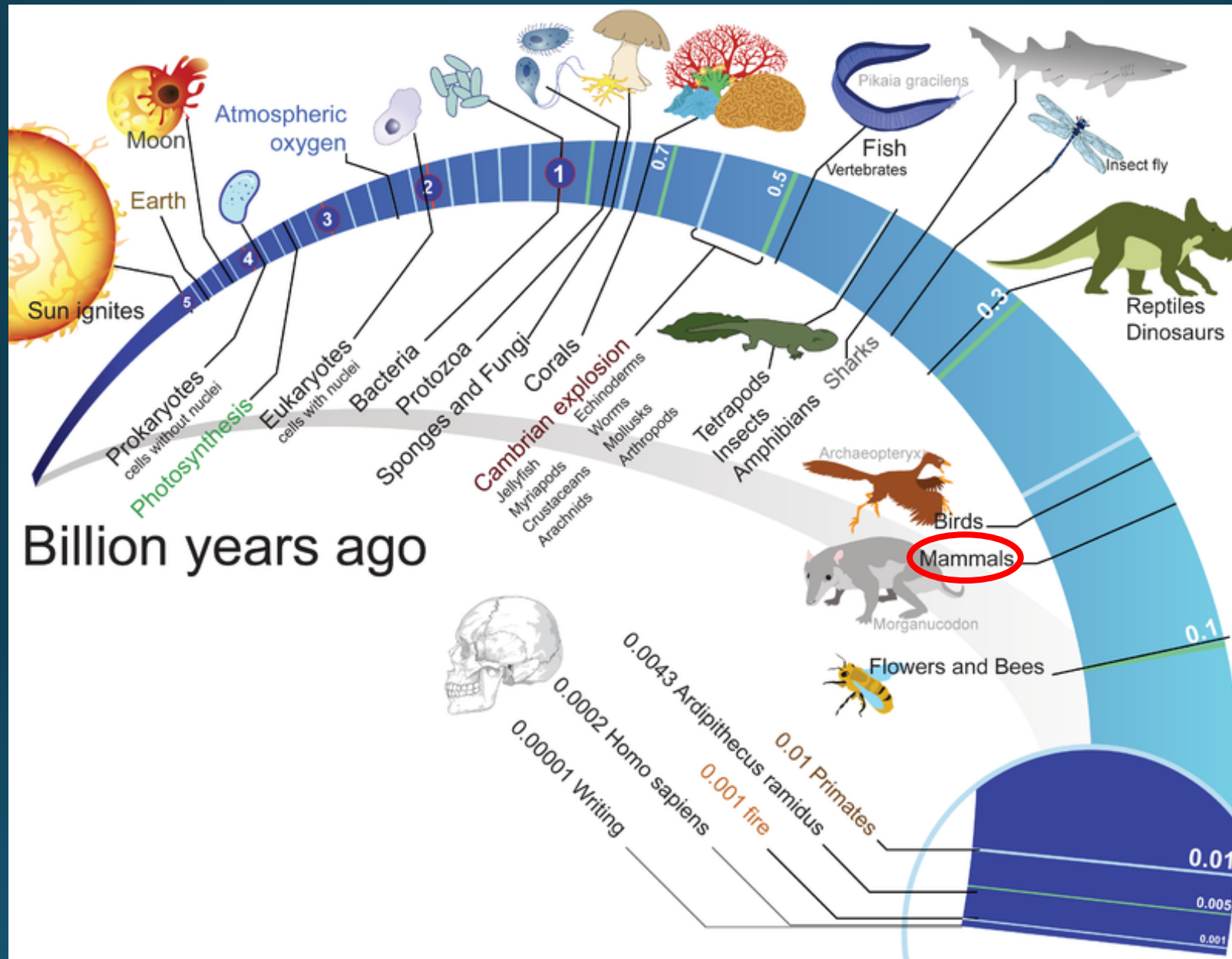
Day 4

- Let there be lights in the firmament of the heavens to divide the day from the night; and let them be for signs and seasons, and for days and years; ¹⁵ and let them be for lights in the firmament of the heavens to give light on the earth
- Then God made two great lights: the greater light to rule the day, and the lesser light to rule the night. *He made* the stars also. ¹⁷ God set them in the firmament of the heavens to give light on the earth to divide the light from the darkness



Day 5

- Let the waters abound with an abundance of living creatures, and let birds fly above the earth across the face of the firmament of the heavens
- *(water creatures were the first)*
- Be fruitful and multiply, and fill the waters in the seas, and let birds multiply on the earth
- And God made the beast of the earth according to its kind, cattle according to its kind, and everything that creeps on the earth according to its kind



Billion years ago

Mammals

Day 6: Everything is ready for Adam

- Then God said, “Let Us make man in Our image, according to Our likeness; let them have dominion over the fish of the sea, over the birds of the air, and over the cattle, over all^[b] the earth and over every creeping thing that creeps on the earth.
- God created man in His *own* image; in the image of God He created him; male and female He created them. *(notice how the word image is singular, The Holy Trinity is one)*
- ⁷And the LORD God formed man *of* the dust of the ground, and breathed into his nostrils the breath of life; and man became a living being. Gen2:7
- *(the only creature who received a breath from God)*

Day 7

- ²And 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. ³Then God blessed the seventh day and sanctified it, because in it He rested from all His work which God had created and made.



Day 7

- *(God rested from creating, now celebrating it, shepherding it) (we are in the 7th day)*
- 16For this reason the Jews were persecuting Jesus, because He was doing these things on the Sabbath. 17But He answered them, "My Father is working until now, and I Myself am working." John 5
- "Is it lawful to heal on the Sabbath?"—that they might accuse Him. (Mathew 12)
- ¹¹Then He said to them, "What man is there among you who has one sheep, and if it falls into a pit on the Sabbath, will not lay hold of it and lift *it* out? ¹²Of how much more value then is a man than a sheep? Therefore it is lawful to do good on the Sabbath."
- *(God is healing/saving us)*

Science can NOT explain the origin of the first cause

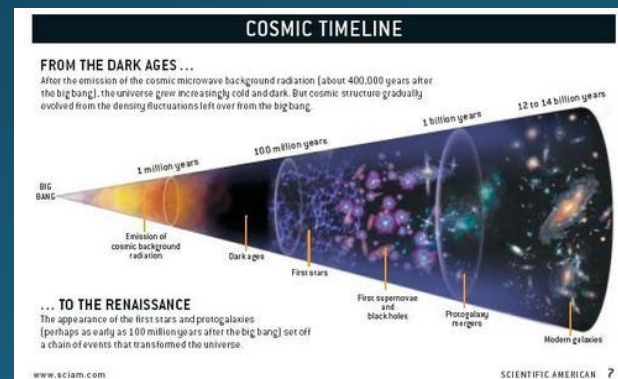
Do we agree on everything...

Not quite

Law of Cause and Effect

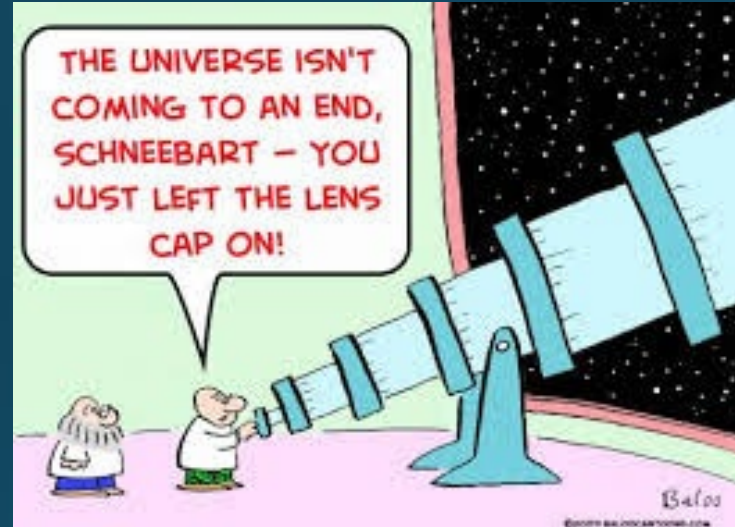


- Why did Newton's apple fall?
 - Gravity!!!
 - Every effect has a cause. That cause in turn has a cause behind it. And that one too has a cause. But what caused the First cause?
 - Something can not come out of Nothing, a vacuum can not produce matter!
 - Who caused the Big Bang?



Possible explanations for existence of the universe

1. Illusion?



2. Self Created? But where did it come from, who started it?

- How did it create itself?
- Was this universe all random, with all its laws of physics and astronomy?
- Clear signs of a designer.

Self Created? Random?

- Imagine... What happens when a tornado blows through a junkyard?



An assembled
Boeing 747
flies out

3. Created? --- Intelligent Design

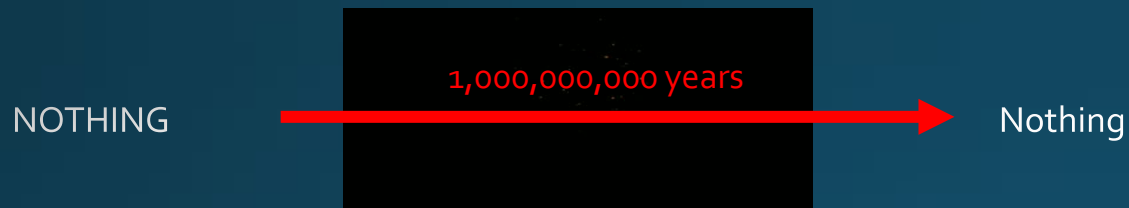
The perfect Earth

- The right amount of oxygen
 - The right distance from the sun
 - The right speed
 - Surrounded by an atmosphere
-
- Could this be random?
 - Idea of spontaneous energy generation is against laws of thermodynamics and physics, Big Bang Theory starting from nothing is against SCIENCE
 - The Universe shows purpose, intent, perfect planning of events
 - This supports that an intelligent Designer was behind it



Creation

- Nothing comes from nothing! There has to be a cause, a starter.
- If there was ever a time where there was nothing, then we won't be here!



- There must be someone superior than creation to start the first cause
- God was that first cause
- Another point for thought: How did the Earth, being rock and water, start the first living organism?

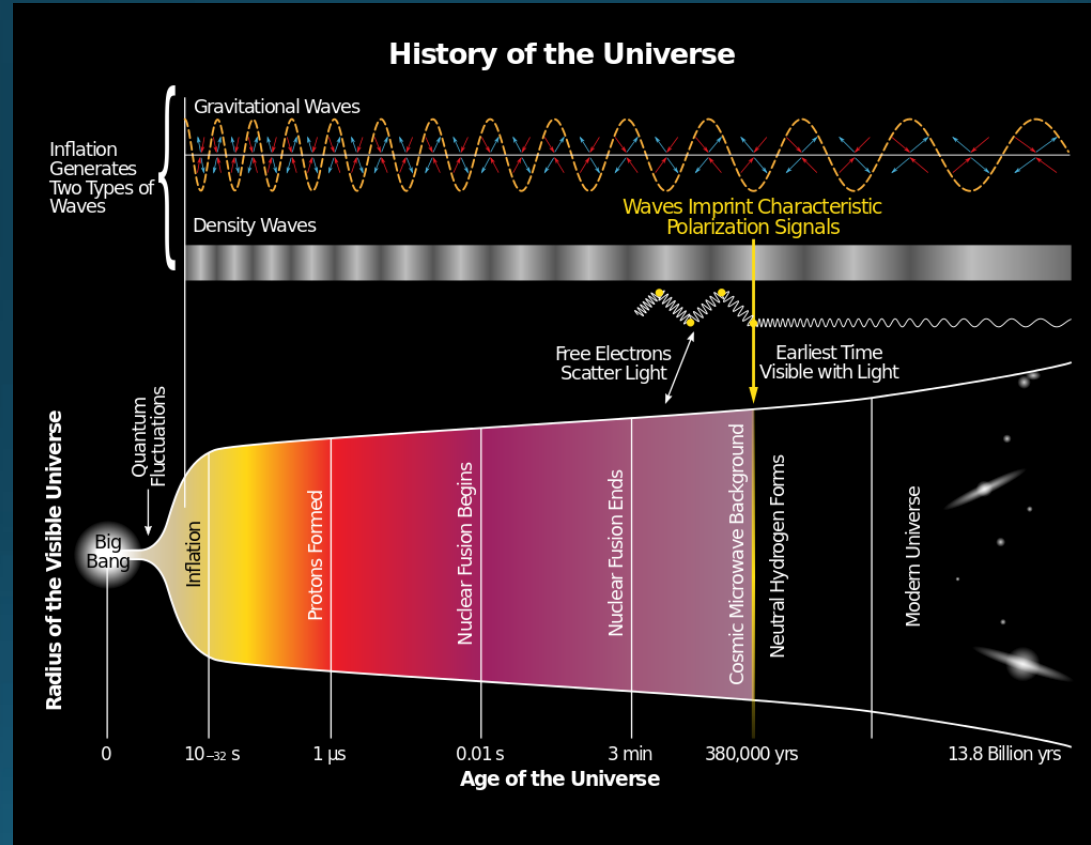
More reading:

- Read Genesis chapter one and note the order of when things are made
- Compare with the order of appearance of different species according to biologists.
- Observe God's purpose in every living thing and in your life.
- Space.com
- Atheism and Science, H.H. Pope Shenouda III
- The Language of God, Francis Collins
- Solomon, the world's wisest man, wrote that man cannot ultimately fathom all the things about God and what He has accomplished (Ecclesiastes 3:10 - 11).
- WEBSITES...

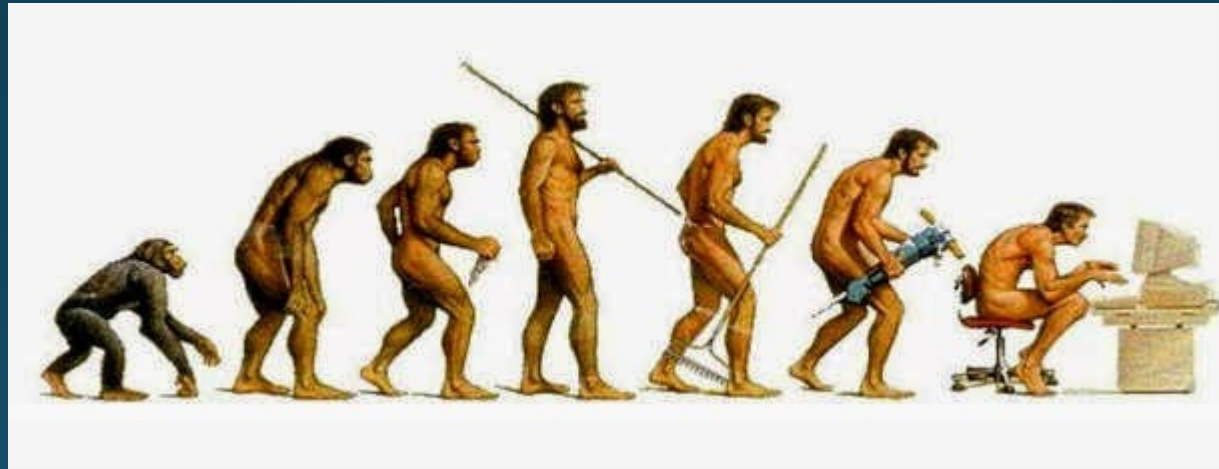
The Design of the Universe



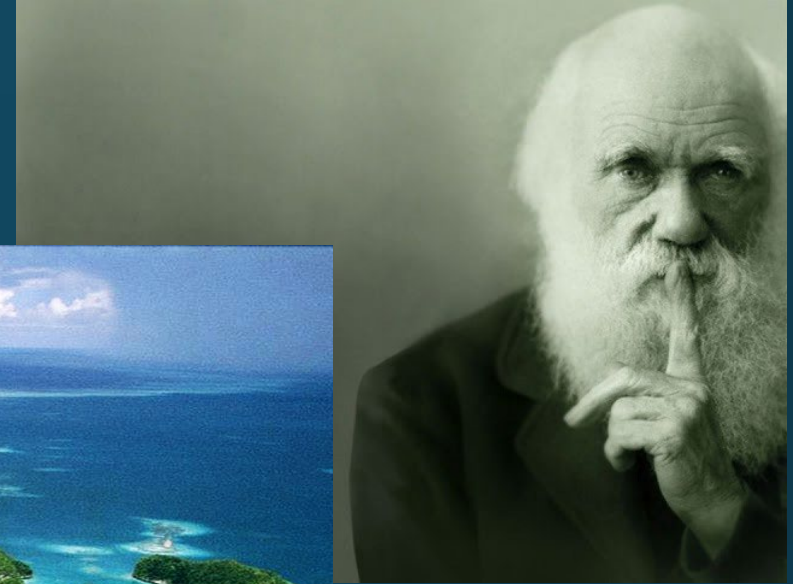
Questions?



Back to Evolution



Darwin's Journey



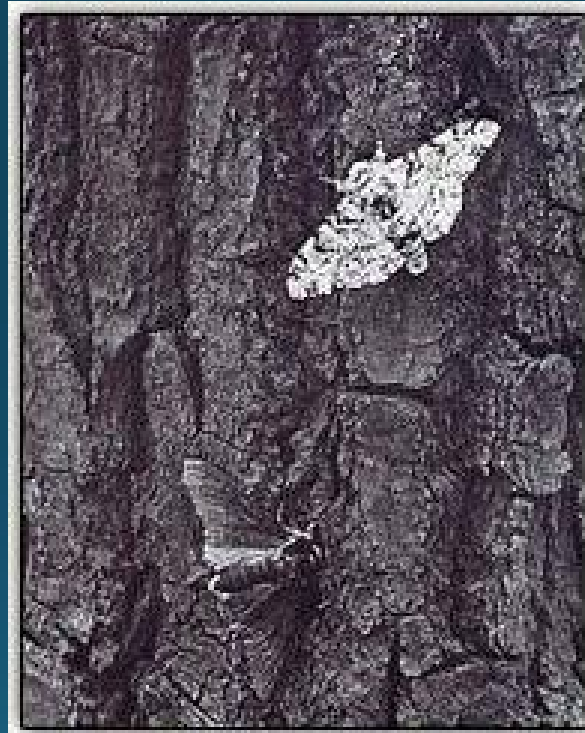
The Origin of Species: Natural selection



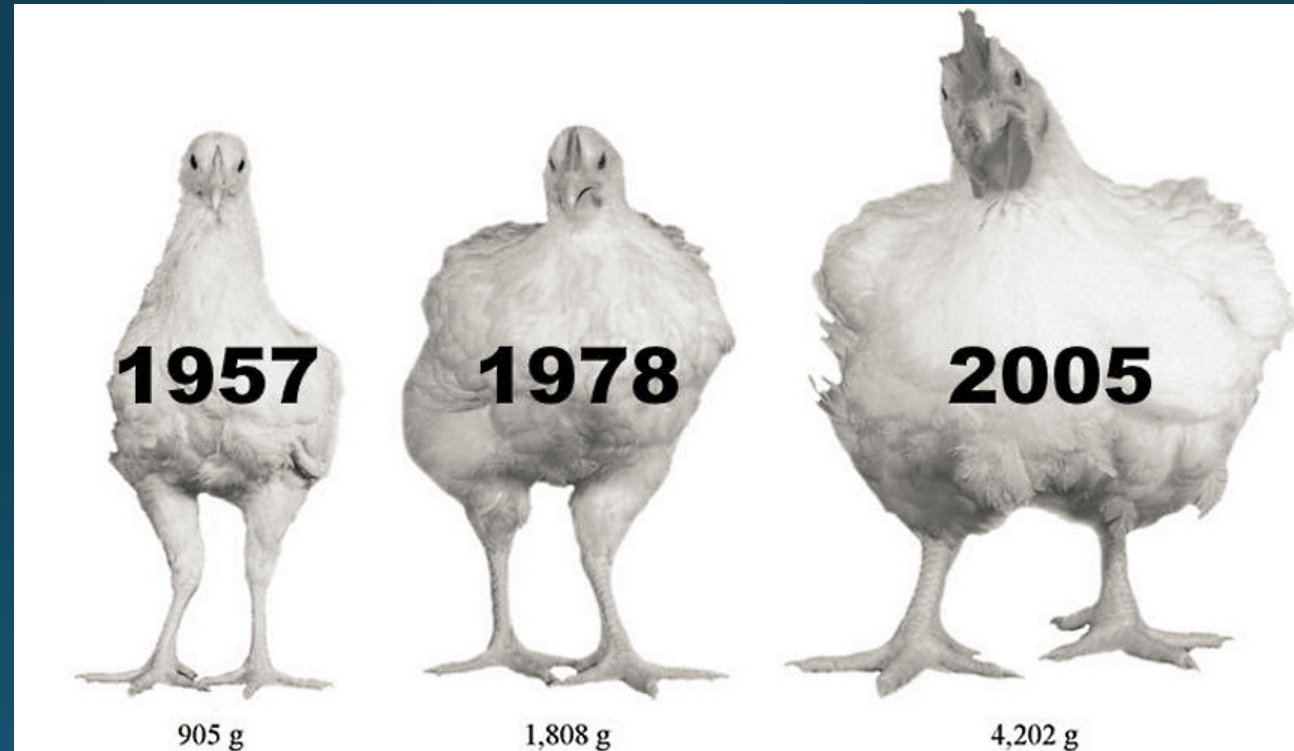
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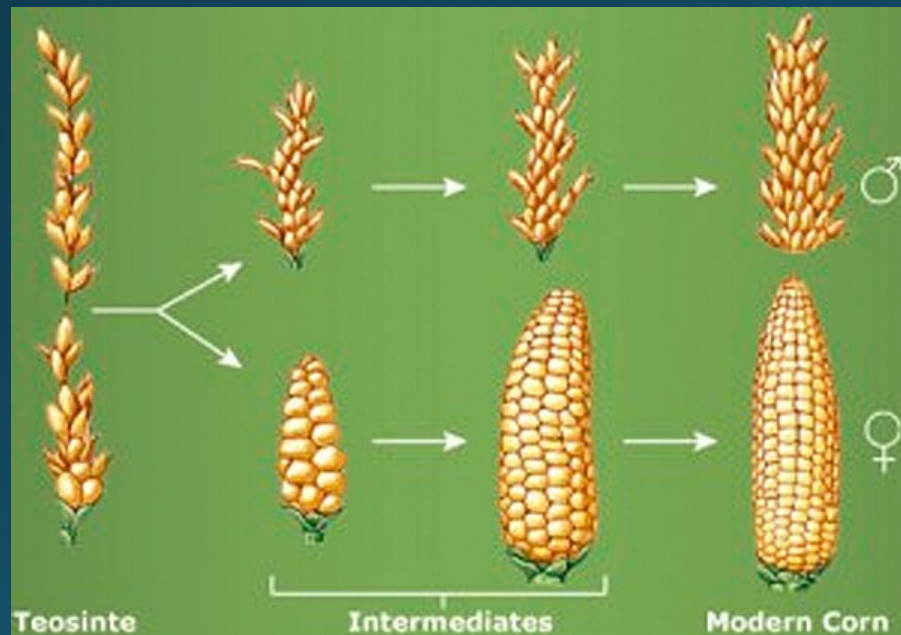
Modern day selection



Selective breeding and Genetic mutation

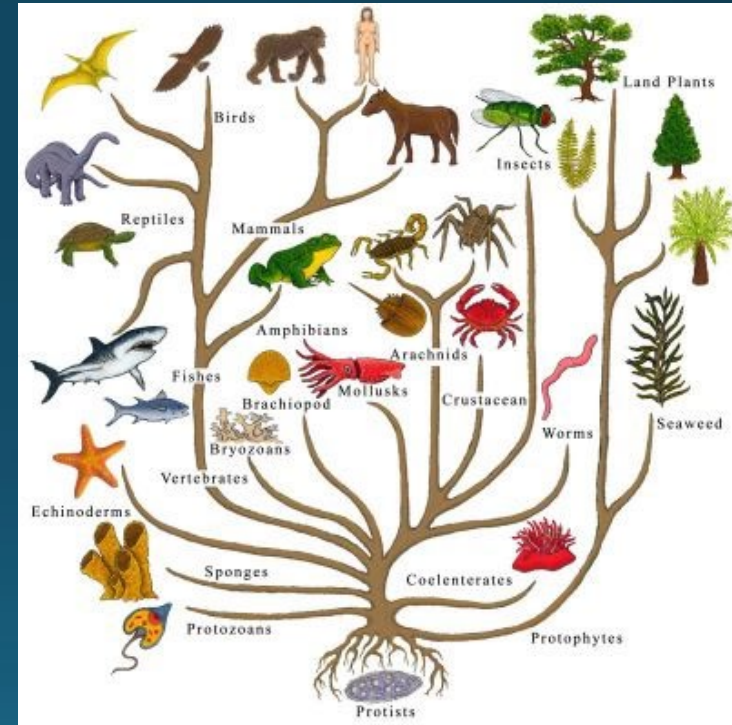


Selective breeding and Genetic mutation

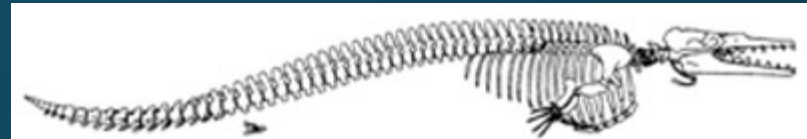


What is Evolution?

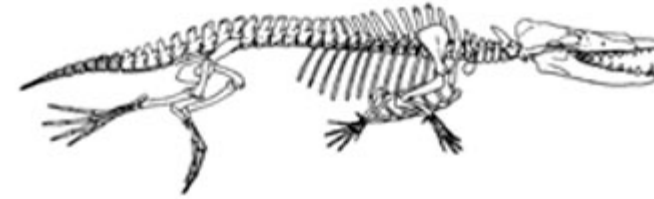
- Change in heritable traits of a population over generations
- A step further: Claim of common ancestry.... All the way back to a single cell
- No scientist can claim that evolution has hard facts, but rather a suggestion



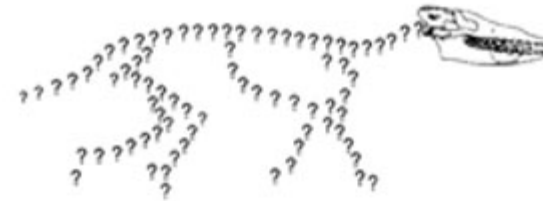
What is Evolution?



D. *Dorudon* (Basilosauridae) from the middle to late Eocene of Egypt



C. *Rodhocetus* (Protocetidae) from the early middle Eocene of Pakistan



B. *Pakicetus* (Pakicetidae) from the earliest middle Eocene of Pakistan



A. *Elomeryx* (Anthracotheriidae) from the Oligocene of Europe, North America, Asia

What does the Church believe in?

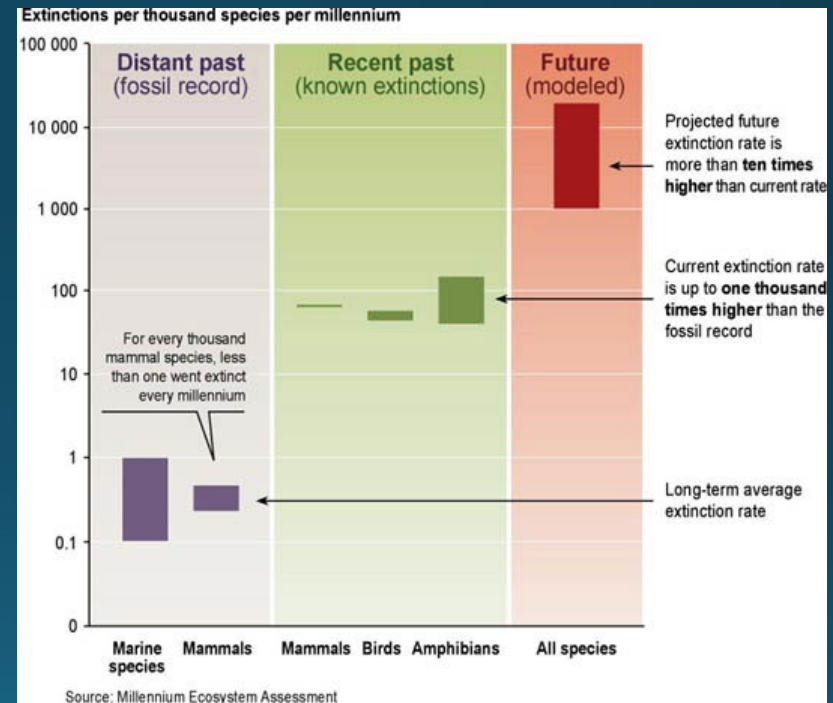
- ¹¹ Then God said, “Let the earth bring forth grass, the herb *that* yields seed, *and* the fruit tree *that* yields fruit **according to its kind**, whose seed *is* in itself, on the earth”; and it was so. ¹² And the earth brought forth grass, the herb *that* yields seed **according to its kind**, and the tree *that* yields fruit, whose seed *is* in itself **according to its kind**. And God saw that *it was* good.

- ²¹ So God created great sea creatures and every living thing that moves, with which the waters abounded, **according to their kind**, and every winged bird **according to its kind**.

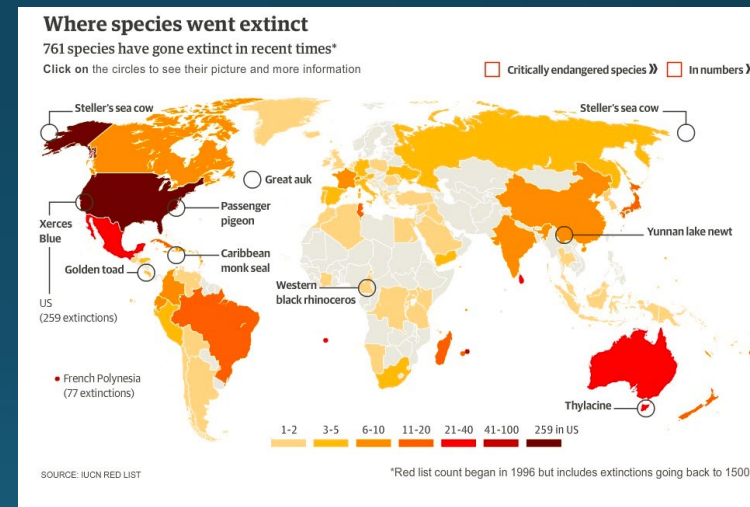
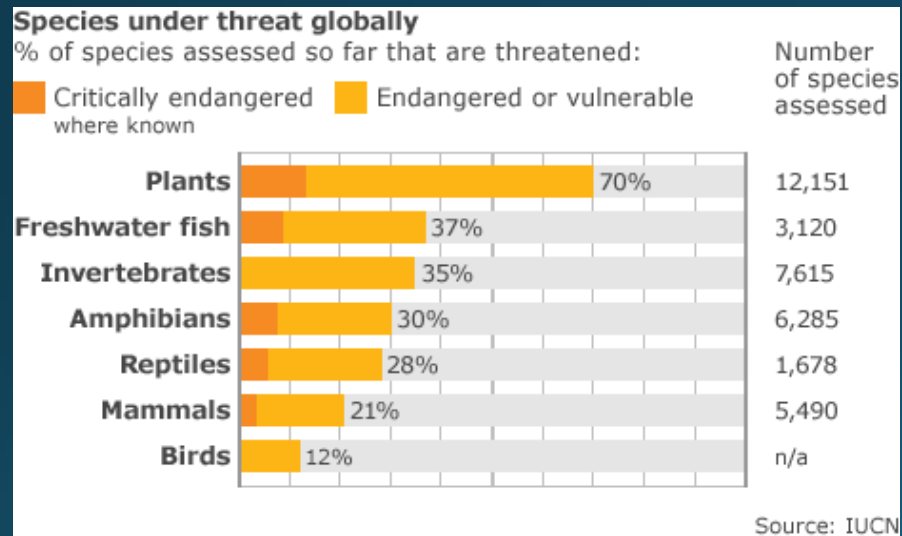
- “Let the earth bring forth the living creature **according to its kind**: cattle and creeping thing and beast of the earth, *each according to its kind*”; and it was so.
- ²⁷ So God created **man in His own image**; in the image of God He created him; male and female He created them.

Where does evolution go wrong?

- Questioning the need for a Creator
- It suggests that new species arises, but the opposite is true
- Species that have never have been witnessed.



Loss of species: Extinction



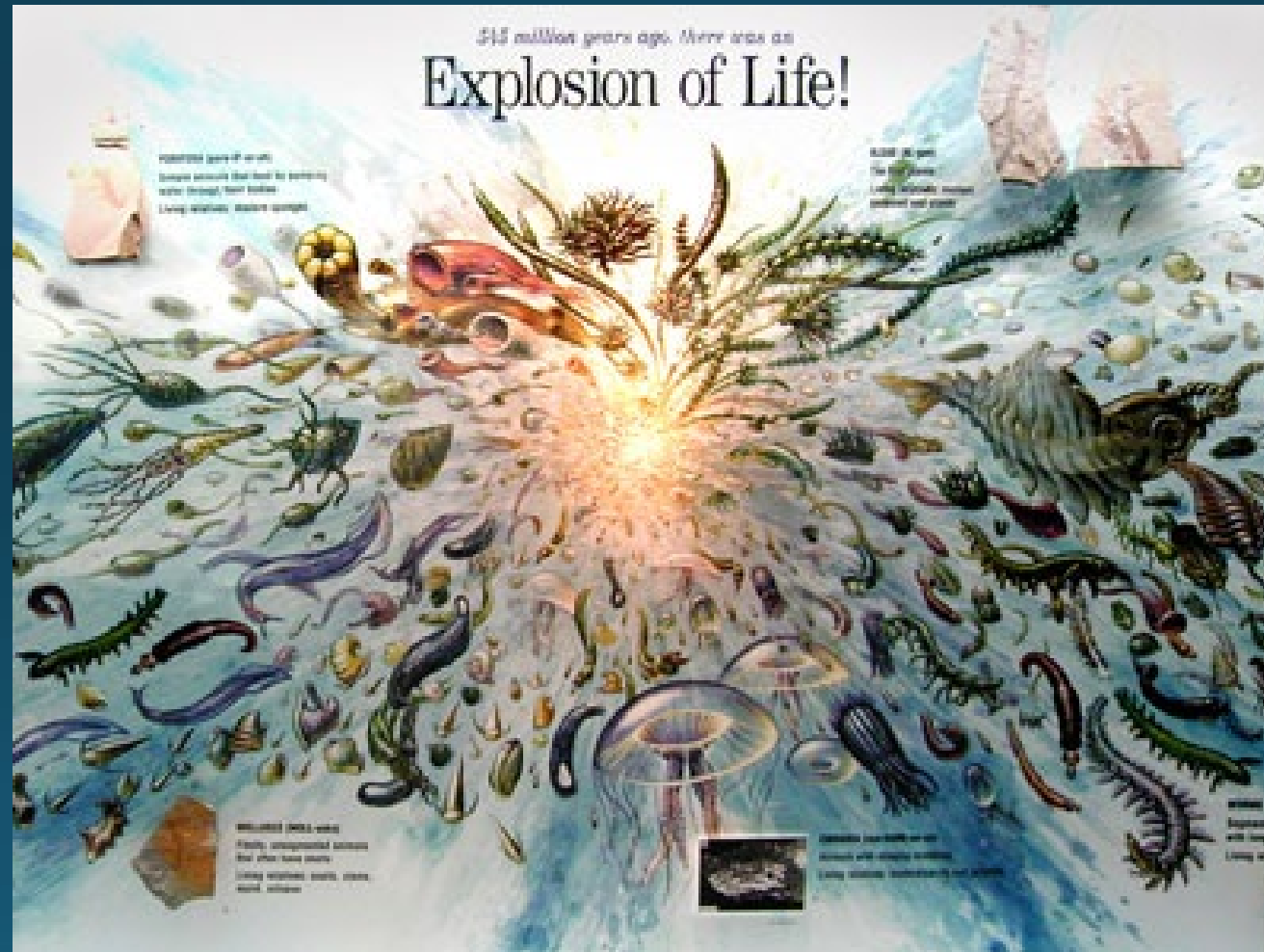
Example of recently extinct species



What if there were other creatures out
hum



The Cambrian Explosion



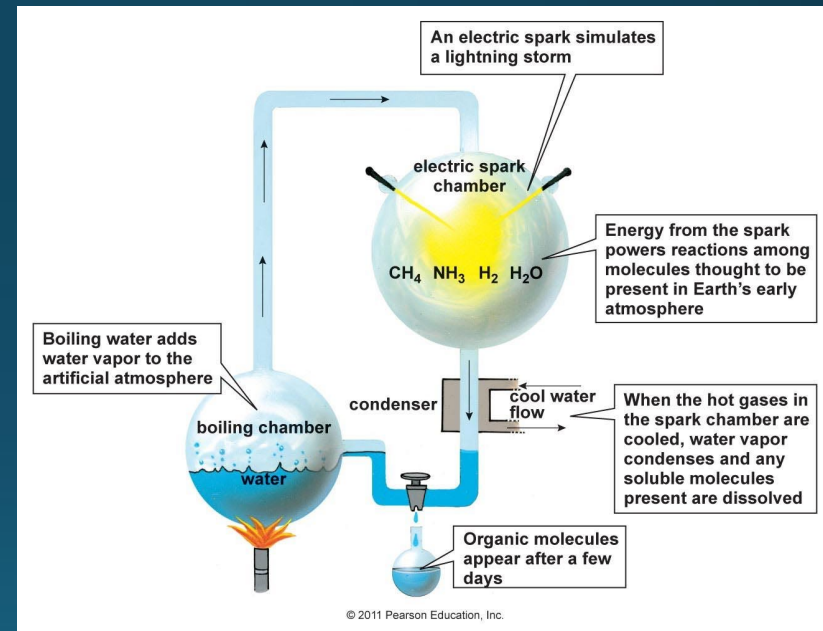
How did life exist in the first place?

- How can the barren Earth develop a single living cell?
- Absence of organic compounds (eg. amino acids and carbohydrates)
- The presence of single cell organisms today, why didn't they evolve



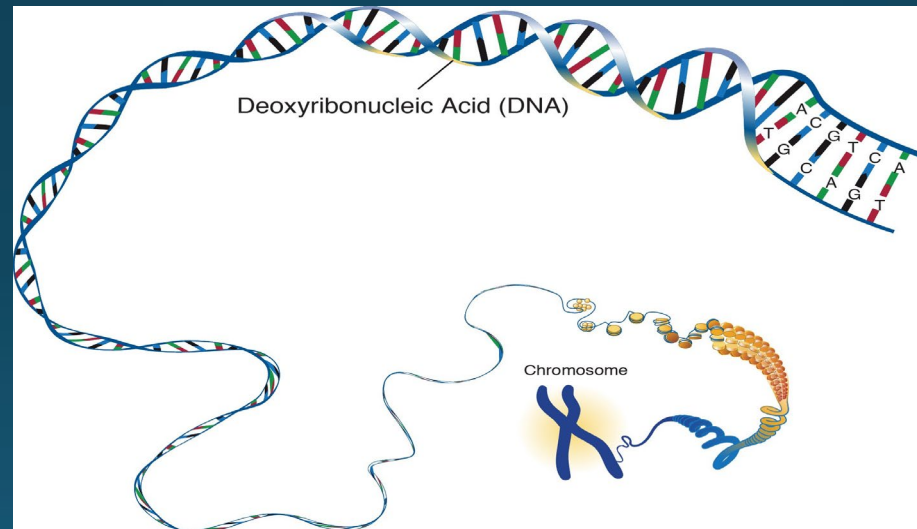
The Miller-Urey experiment

- Miller-Urey results questioned: mixture of methane and ammonia did not exist in large amounts on early Earth.
- Scientists now believe the atmosphere contained an inert mix of carbon dioxide and nitrogen.
- "You get a fair amount of amino acids," he says. "What you don't get are things like building blocks of nucleic acids."



How did life exist in the first place?

- How can these organic compounds code for functional DNA



How did life exist in the first place?

- Inability to explain how the first living organism evolved
- Lack of transitional forms.
- The theory of evolution is at best 'a theory', it is not a proven fact.
- Belief in evolution requires far more faith than the belief in a Creator because of the ample evidence all around us that there is indeed a Designer.
- "The heavens declare the glory of God. And the firmament shows His handiwork" (Ps.19: 1).

Self Created? Random?

- Imagine... What happens when a tornado blows through a junkyard?

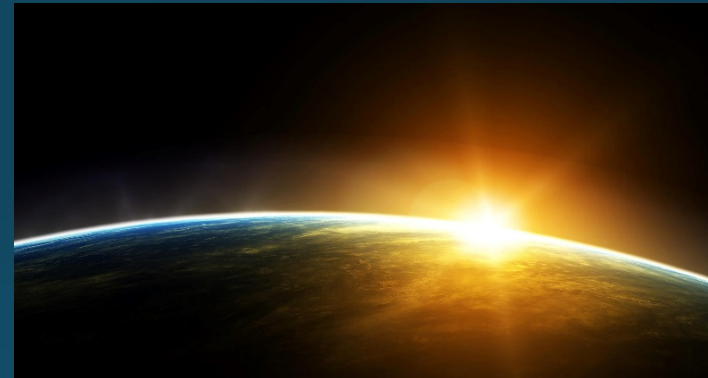


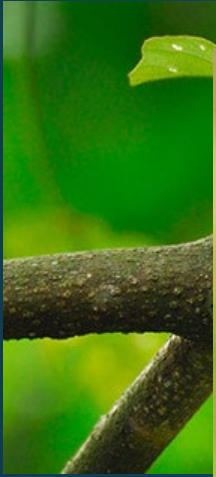
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The perfect Earth

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- Could this be random?
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- The Universe shows purpose, intent, perfect planning of events
- This supports that an intelligent Designer was behind it







Coul



Life is too complex to be left to chance



How do we implement this in our lives?

- God created us with purpose and intent
- The Earth and all that is around us is made to perfection
- Science will always change over time, but God does not. Science struggles to understand God but through science we may admire the works of God.
- Apply this to other things that you might not understand in the Bible, perhaps our understanding has not yet caught up to the wisdom of the Bible.
- God who created all this is powerful, loving, and is very patient.
- Peace is what we should feel even in the most turbulent of times, God who is powerful, loving, and patient has a plan. A great plan!