



FOUNDATIONS



THE UNIVERSE

What on Earth Has Happened

Outline

- 1) Biblical Picture of Universe History
- 2) Evolutionary Picture of Universe History
- 3) Can the two be brought together?
- 4) Why creation is a better explanation than evolution in regards to the universe



Biblical Picture of the History of the Universe

Biblical Picture

V1 God created the heavens and the earth

V2 Holy Spirit hovered over the waters.





What was created?

Heavens - Shamayim = Space.

Earth - Matter. Basic elements, ready to be "formed."

Face of waters - The presence of Water.

Time - Beginning. A specific Date.

Energy - Neither created nor destroyed.

Holy Spirit - beginning movement.

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V14-18 Planetary bodies for signs and seasons...







The Curse

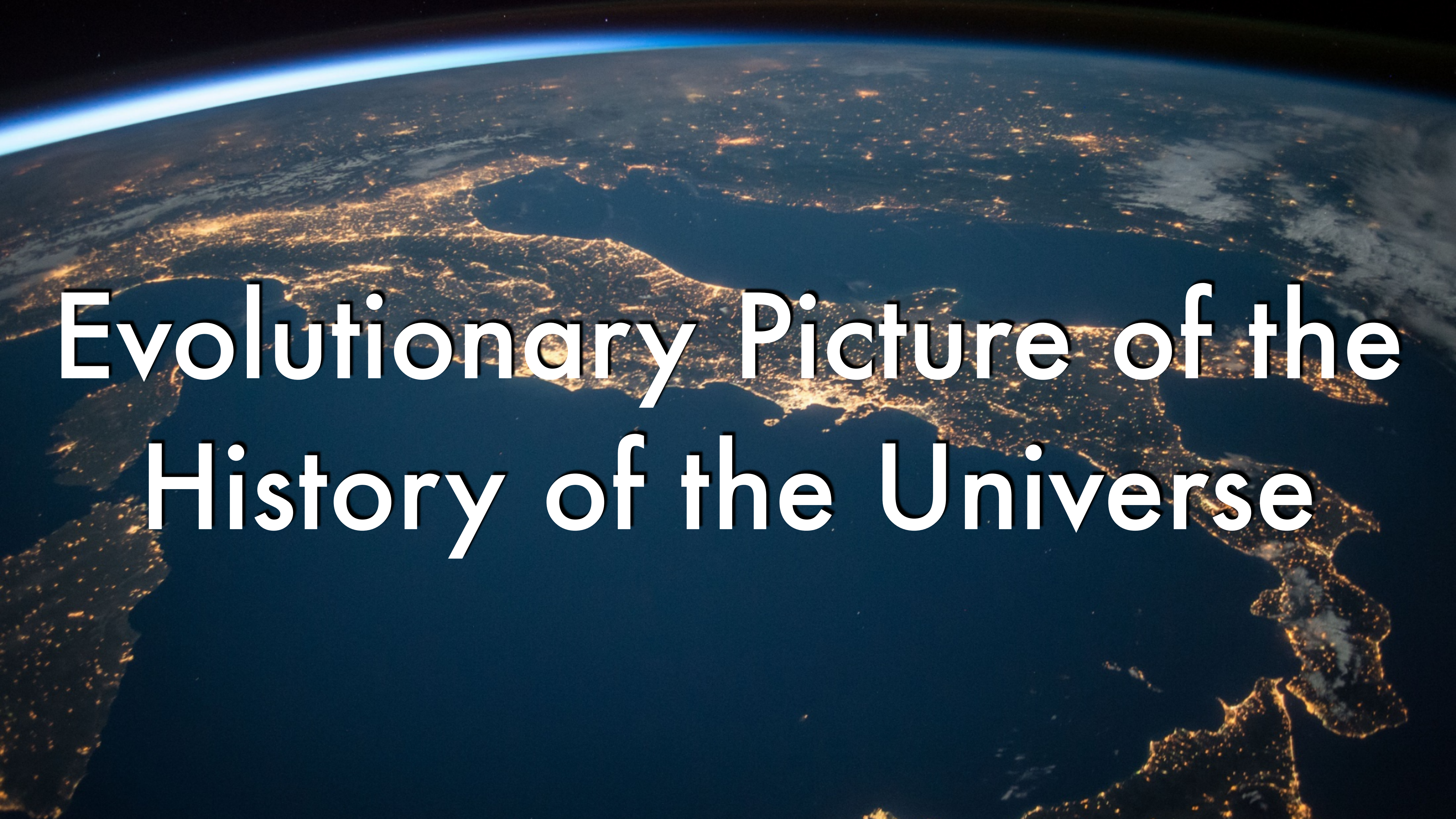
Genesis 3:17-19 - Cursed is the ground for your sake; In toil you shall eat of it All the days of your life. Both thorns and thistles it shall bring forth for you, And you shall eat the herb of the field. In the sweat of your face you shall eat bread Till you return to the ground, For out of it you were taken; For dust you are, And to dust you shall return."

The Flood

Genesis 6:11 In the six hundredth year of Noah's life, in the second month, the seventeenth day of the month, on that day all the fountains of the great deep were broken up, and the windows of heaven were opened. And the rain was on the earth forty days and forty nights.

The Flood

Genesis 6:17 Now the flood was on the earth forty days. The waters increased and lifted up the ark, and it rose high above the earth. The waters prevailed and greatly increased on the earth, and the ark moved about on the surface of the waters. And the waters prevailed exceedingly on the earth, and all the high hills under the whole heaven were covered. The waters prevailed fifteen cubits upward, and the mountains were covered.



Evolutionary Picture of the History of the Universe

Big Bang

The universe was born as a very hot, very dense, single point in space.

Inflation - the universe grew exponentially and doubled in size at least 90 times.

Light chemical elements were created within the first three minutes of the universe's formation

About 380,000 years after the Big Bang...light finally seen
CMB.

Big Bang

Our Solar system born - 9 billion years after Big Bang.

Rotating solar nebula. The gravity brings gasses into a disk.

4.5 Billion years ago....cosmic dust lumped together to form
...tiny planets. (Took 100 million years).

When Earth was young, it was hot, due to volcanoes and
meteor bombardment

At that time—4.44 billion to 4.41 billion years ago—Earth
began to retain its atmosphere and create its core

Earth



Except for the presence of abundant water, the atmosphere was similar to that of Venus or Mars.

Between one billion and two billion years ago oxygen reached current levels, creating a niche for evolving life due to photosynthesis.

Still, the question is whether the oxygen content in the atmosphere increased gradually over time or suddenly.

Earth 2

3.8 billion years ago?...The first life may have developed in undersea alkaline vents

A common ancestor gave rise to two main groups of life: bacteria and archaea.

3.5 billion years ago - The oldest fossils of single-celled organisms

3 billion years ago - Viruses are present by this time, but they may be as old as life itself.

Earth 2

2.4 billion years ago - The "great oxidation event"...oxygen
– starts to build up in the atmosphere.

2.3 billion years ago - Earth freezes over in what may have
been the first "snowball Earth"

900 million Years ago - The first multicellular life develops

680 million years ago - The ancestor of jellyfish breaks
away though there is as yet no fossil evidence of what it
looks like.

Earth 2

770 million years ago The planet freezes over again

535 million years ago - The Cambrian explosion begins

465 million years ago - Plants begin colonizing the land.

417 million years ago - Lungfish (it is actually just a fish)

375 million years ago - *Tiktaalik*, an intermediate between fish and four-legged land animals (it is actually just a fish)



Earth 2

250 million years ago - mass extinction in Earth's history, giving way to dinosaurs

65 million years ago The dinosaurs wiped out. Gave way for mammals.

6 million years ago - Humans diverge from their closest relatives; the chimpanzees and bonobos.

Shortly afterwards, hominins begin walking on two legs

Creation

6000-7000 yrs

Sudden creation

Individual kinds

From Top Down

Purpose/intent

Mostly Cataclysms

Evolution

13.8 billion

Slow development

Shared ancestry

From bottom up

Random

Mostly Gradual



Can the two go together?

Can the Bible be interpreted to fit evolution as it is presented?

Gap Theory?

Days = ages?

What about death?

Genesis 1 = Poetry/History?

The Flood - Local or Worldwide?

If not literal than what does it mean?



Can the Scientific Evidence be interpreted
to fit the Bible as it is presented?

YES



Problems with Evolution

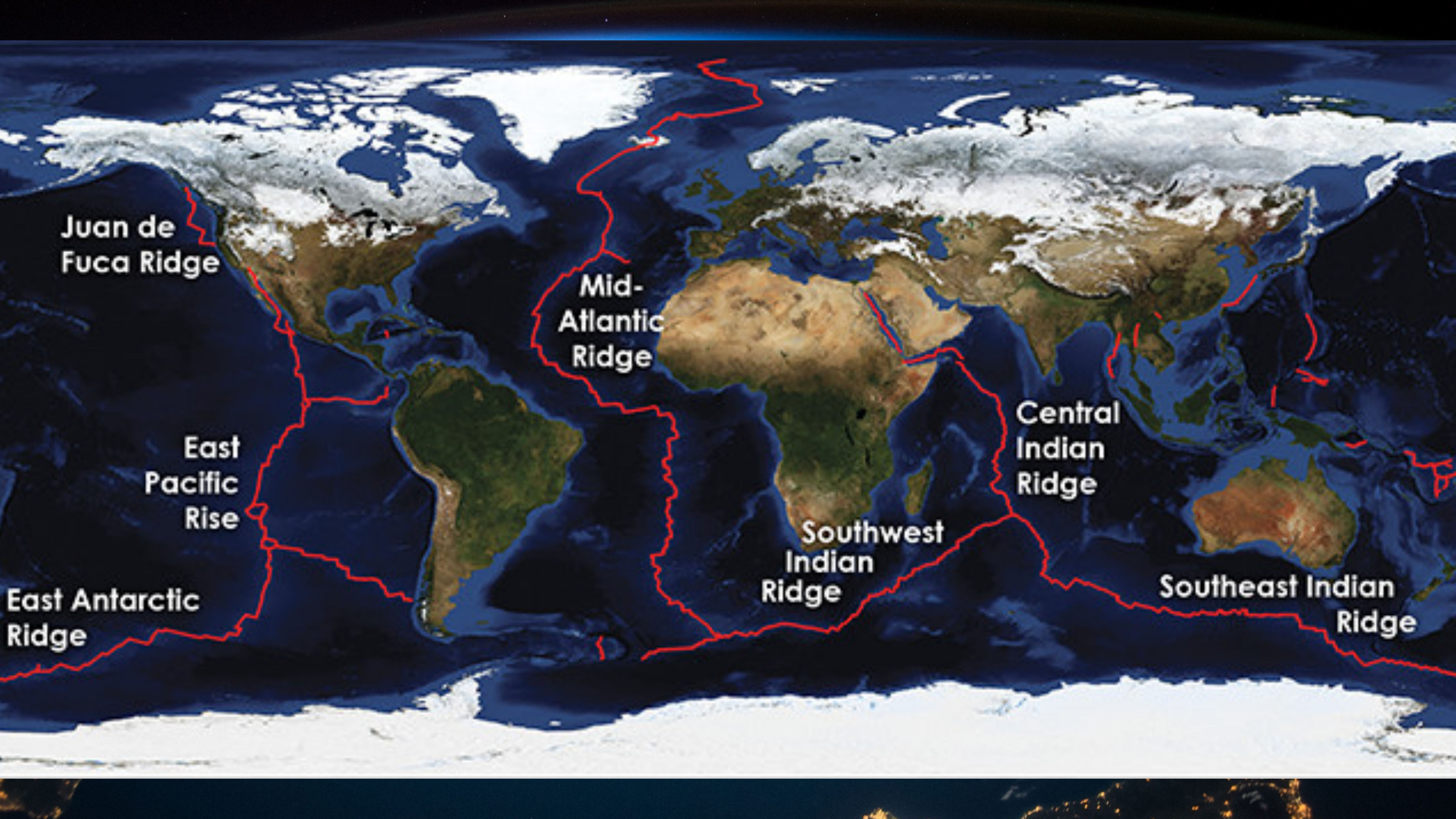
Philosophical Assumption

Uniformitarianism

The Present is the Key to the Past



How do you know that?



Juan de
Fuca Ridge

Mid-
Atlantic
Ridge

Central
Indian
Ridge

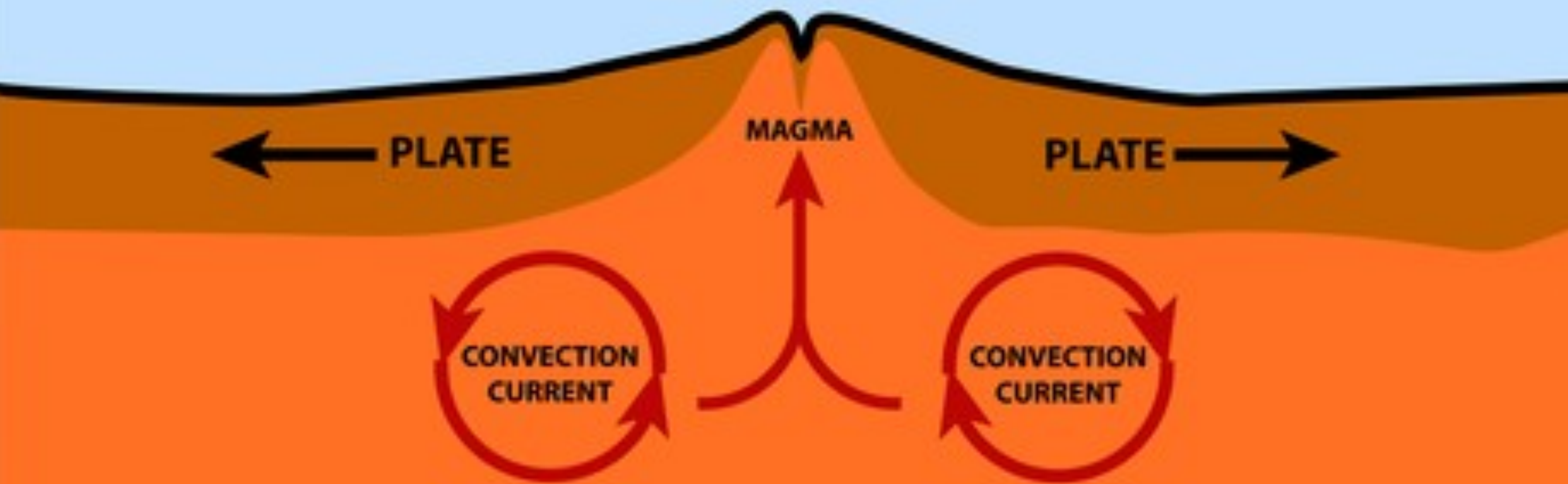
Southwest
Indian
Ridge

Southeast Indian
Ridge

East
Pacific
Rise

East Antarctic
Ridge

MID-OCEANIC RIDGE

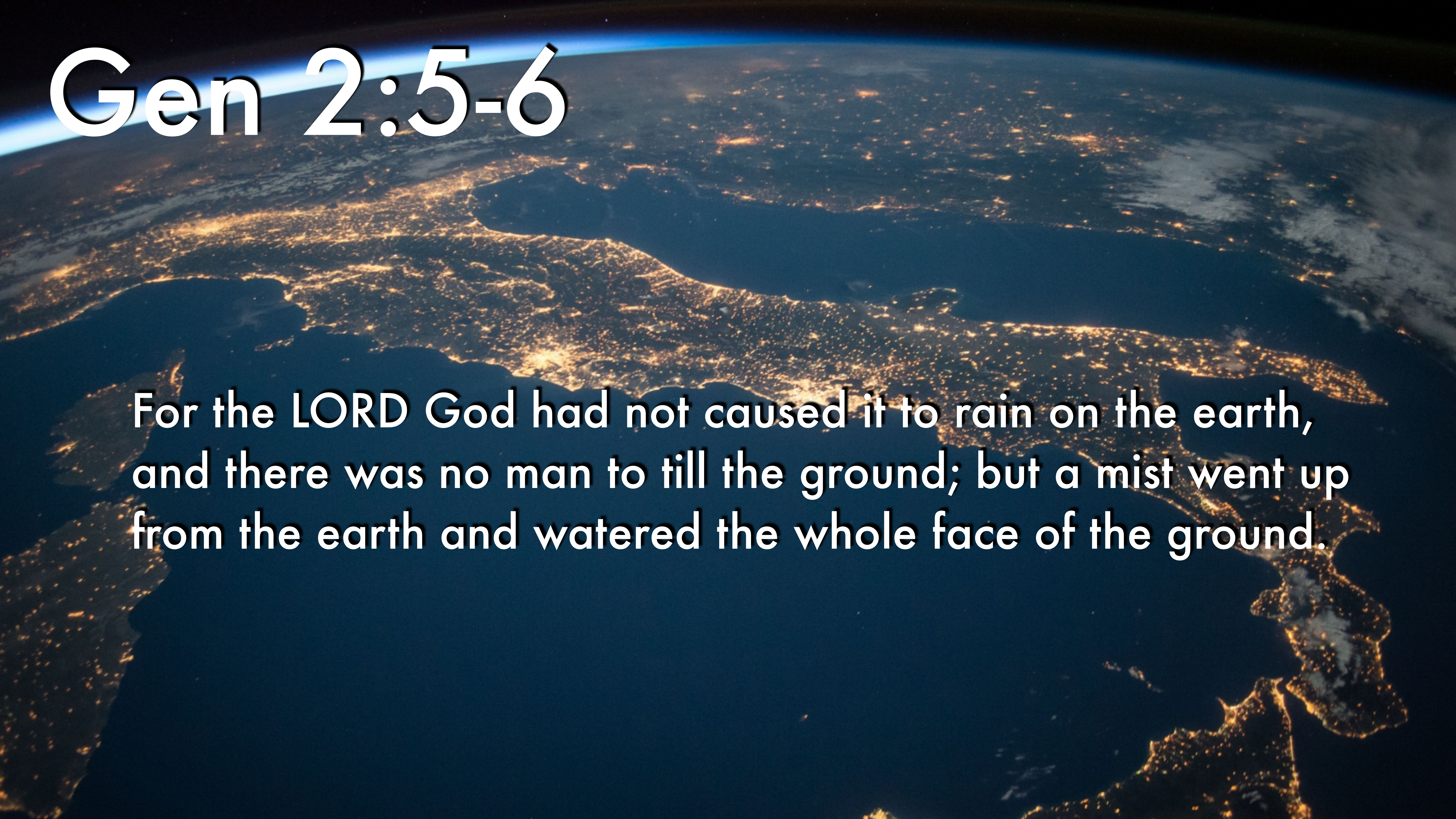


Genesis 6:11

On that day all the fountains of the great deep were broken up, and the windows of heaven were opened. And the rain was on the earth forty days and forty nights.

2 Peter 3:3-7

...scoffers will come in the last days, walking according to their own lusts, and saying, "Where is the promise of His coming? For since the fathers fell asleep, all things continue as they were from the beginning of creation." For this they willfully forget: that by the word of God the heavens were of old, and the earth standing out of water and in the water, by which the world that then existed perished, being flooded with water. But the heavens and the earth which are now preserved by the same word, are reserved for fire until the day of judgment and perdition of ungodly men.

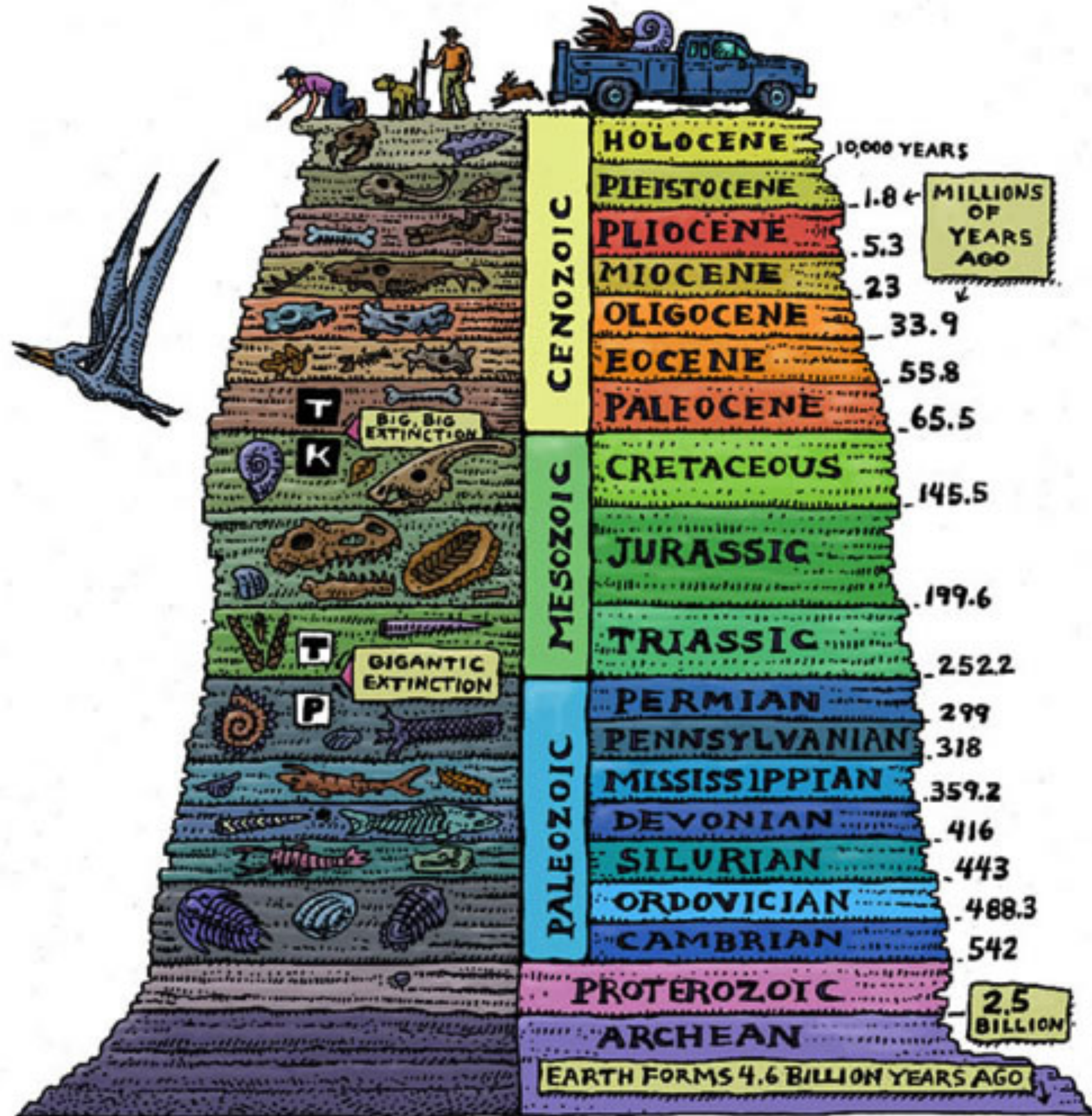


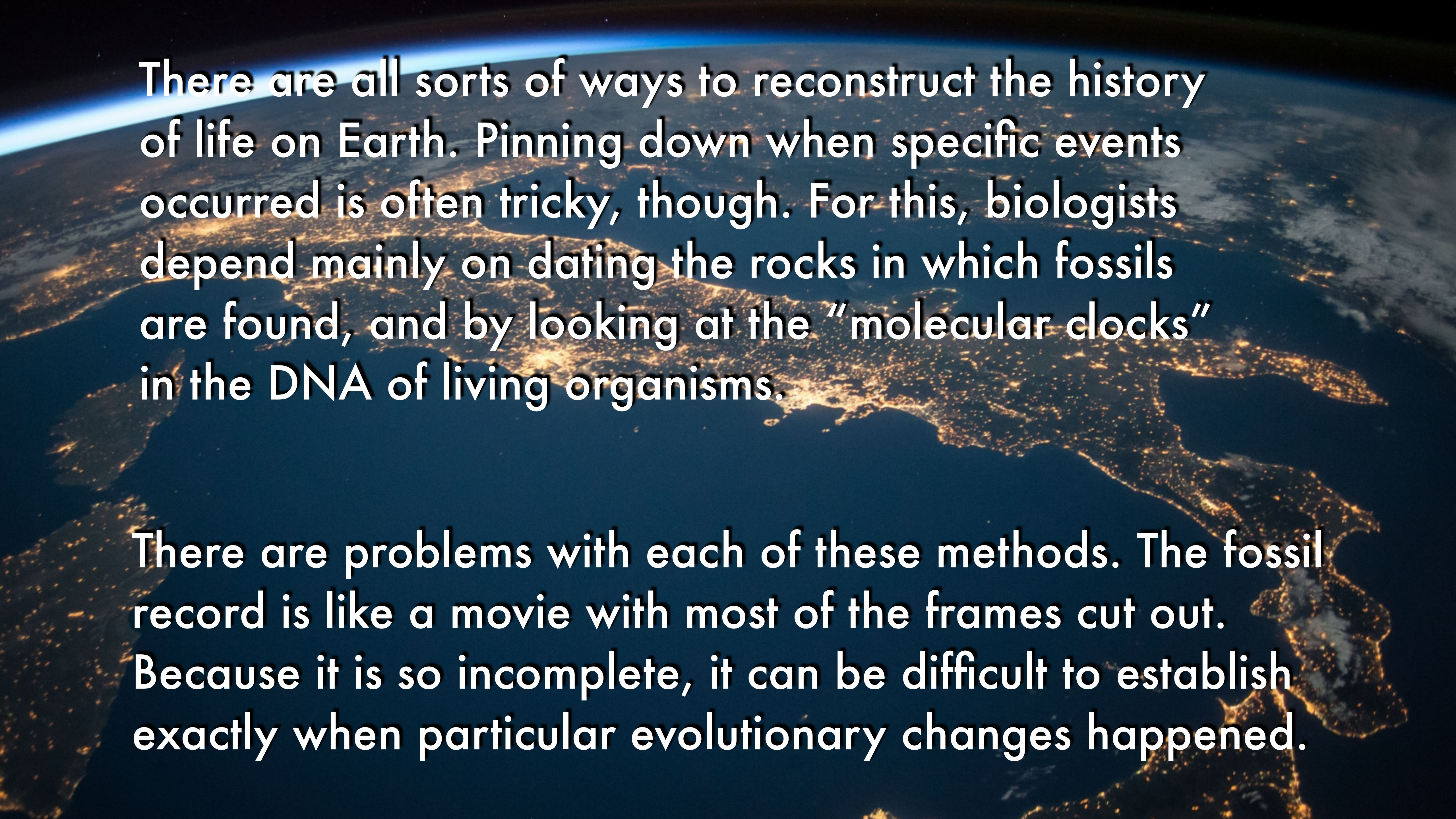
Gen 2:5-6

For the LORD God had not caused it to rain on the earth, and there was no man to till the ground; but a mist went up from the earth and watered the whole face of the ground.

A satellite view of Earth at night, showing the curvature of the planet and the glowing blue line of the atmosphere. The landmasses are visible, with numerous small, bright yellow and orange lights representing city lights and urban areas. The oceans are dark blue. The text "Fossils speak of catastrophe" is overlaid in the center in a large, white, sans-serif font.

**Fossils speak of
catastrophe**



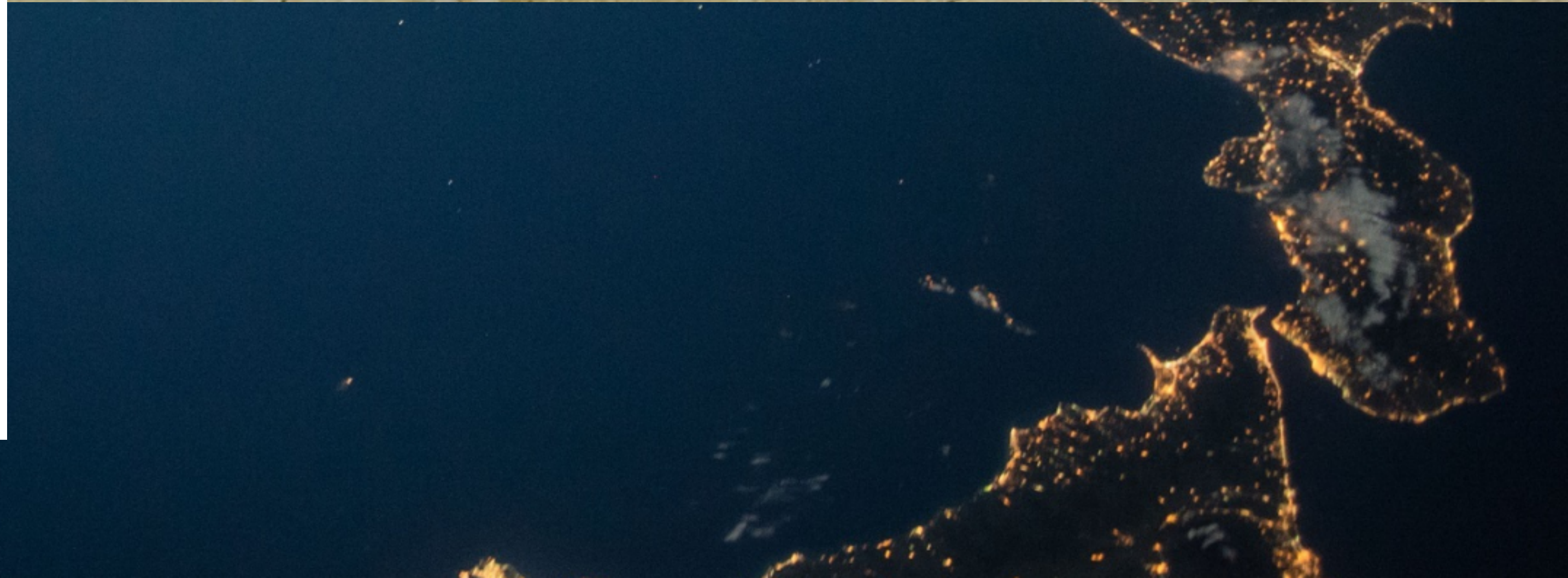


There are all sorts of ways to reconstruct the history of life on Earth. Pinning down when specific events occurred is often tricky, though. For this, biologists depend mainly on dating the rocks in which fossils are found, and by looking at the “molecular clocks” in the DNA of living organisms.

There are problems with each of these methods. The fossil record is like a movie with most of the frames cut out. Because it is so incomplete, it can be difficult to establish exactly when particular evolutionary changes happened.



Shell Reef area

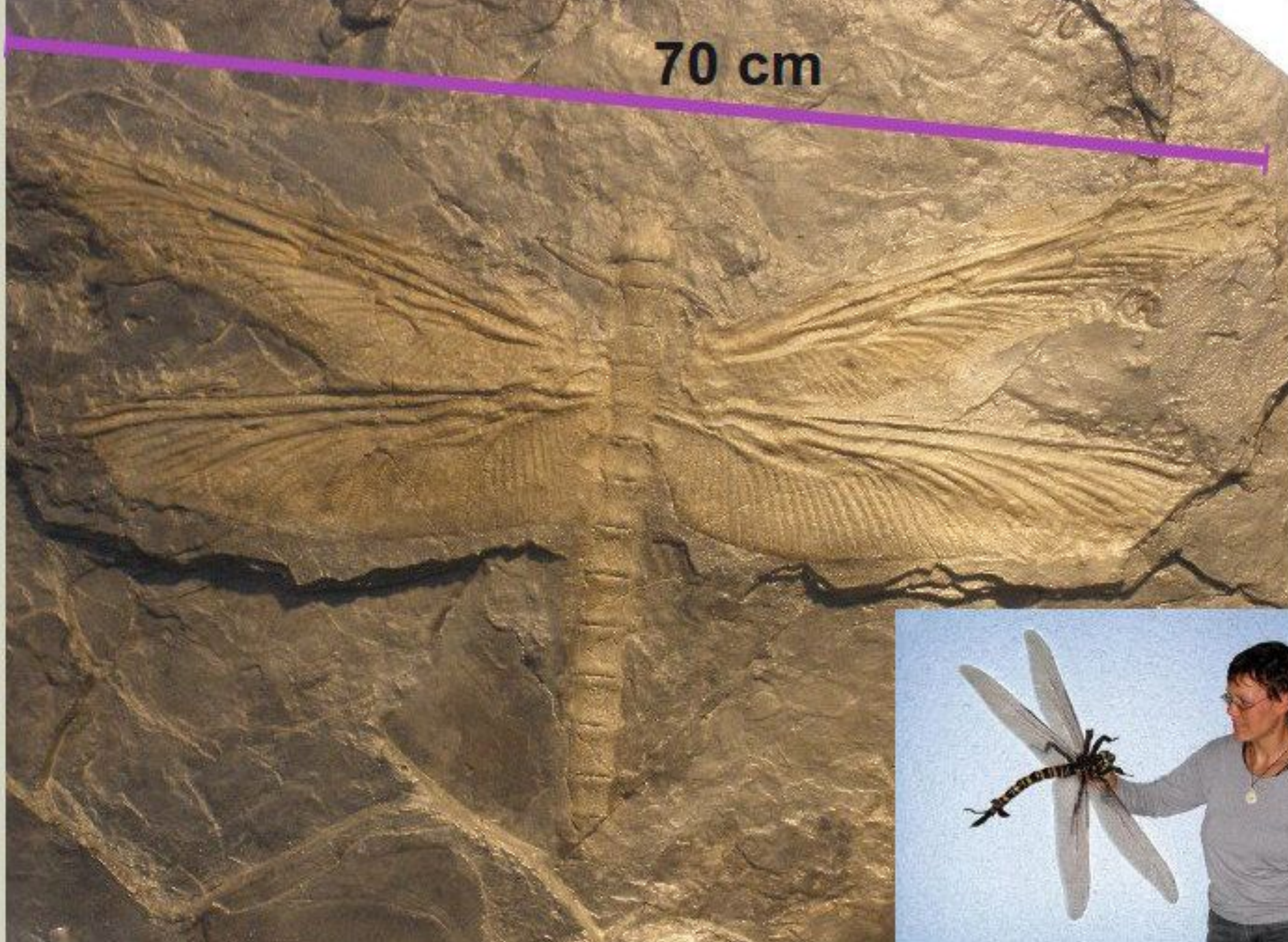








70 cm





Radiometric Dating

A satellite view of Earth at night, showing the curvature of the planet and the glowing blue line of the atmosphere. The landmasses are visible, with numerous small, bright yellow and orange lights representing cities and urban areas. The oceans are dark blue. The text "Ice Age?" is overlaid in the center in a large, white, sans-serif font.

Ice Age?



Conclusion

*Start with
God's word*