



God's Grand Design

Exploring Origins in Science and Scripture

Part 13

**Did dinosaurs
and people live
at the same
time?**

Two Theories of Origins

**View #1 – God created the heavens and the earth.
(in six days, thousands of years ago)**

**View #2 – The heavens and earth evolved without
God. (millions and billions of years ago)**

Flood: There was a time when the entire world was covered with water as the result of a year-long Flood. This was a judgment from God on all human and land dwelling life. It resulted in the death of all humans (and animals) who were not in the Ark during the Flood (**Genesis 6-9**).

trc.life/flood

Dinosaurs:

FROM BIG TO SMALL DINOSAURS OF ALL SIZES

The word 'dinosaur' almost certainly brings to mind terrifying reptiles with gigantic bodies and a heaviness that made the earth tremble with every step. In reality, colorful dinosaurs have certainly lived on our planet in the past, but many of them also came close in size to the most familiar animals of today.

Which one was the biggest?
And which one was the smallest?
Figuring out the numbers
is not so simple...

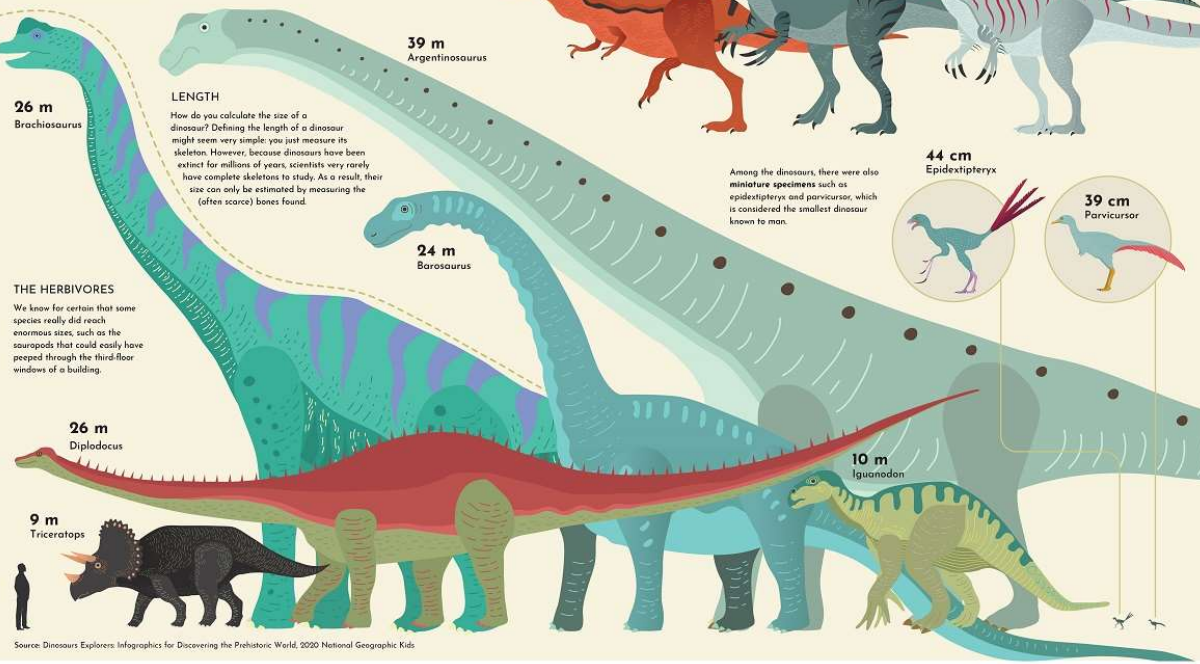
THE CARNIVORES

The existence of huge prey meant that even the largest predators could be fed.

12 m
Tyrannosaurus rex

15 m
Spinosaurus

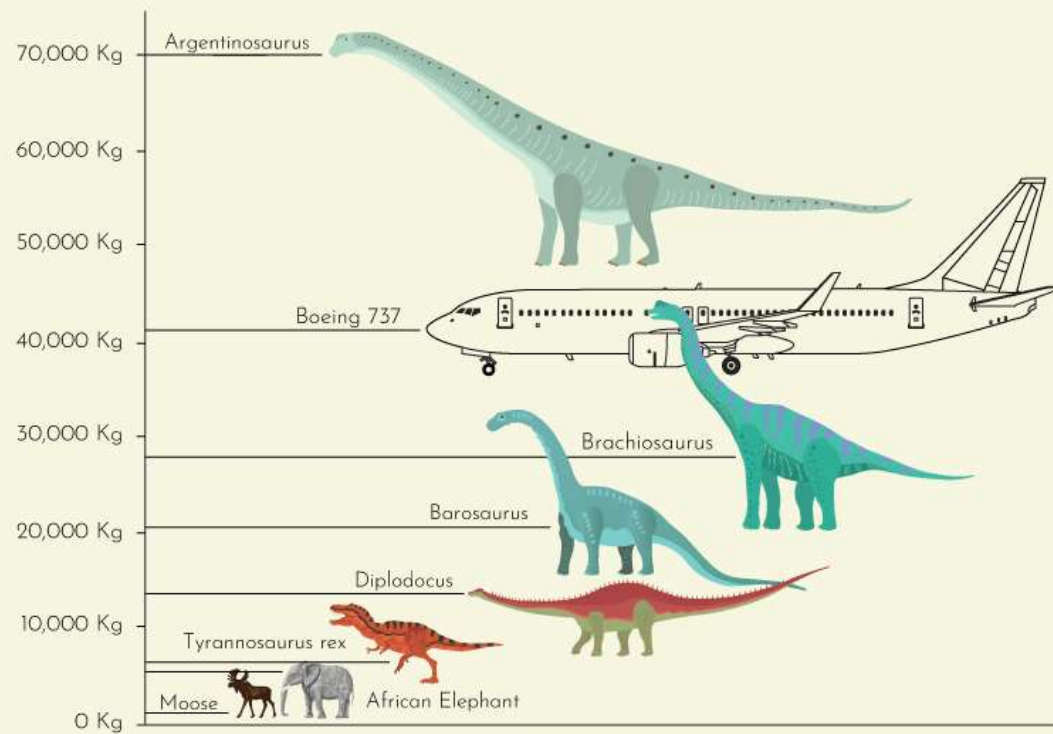
10 m
Baryonyx



Source: Dinosaurs Explorers: Infographics for Discovering the Prehistoric World, 2020 National Geographic Kids

Dinosaurs:

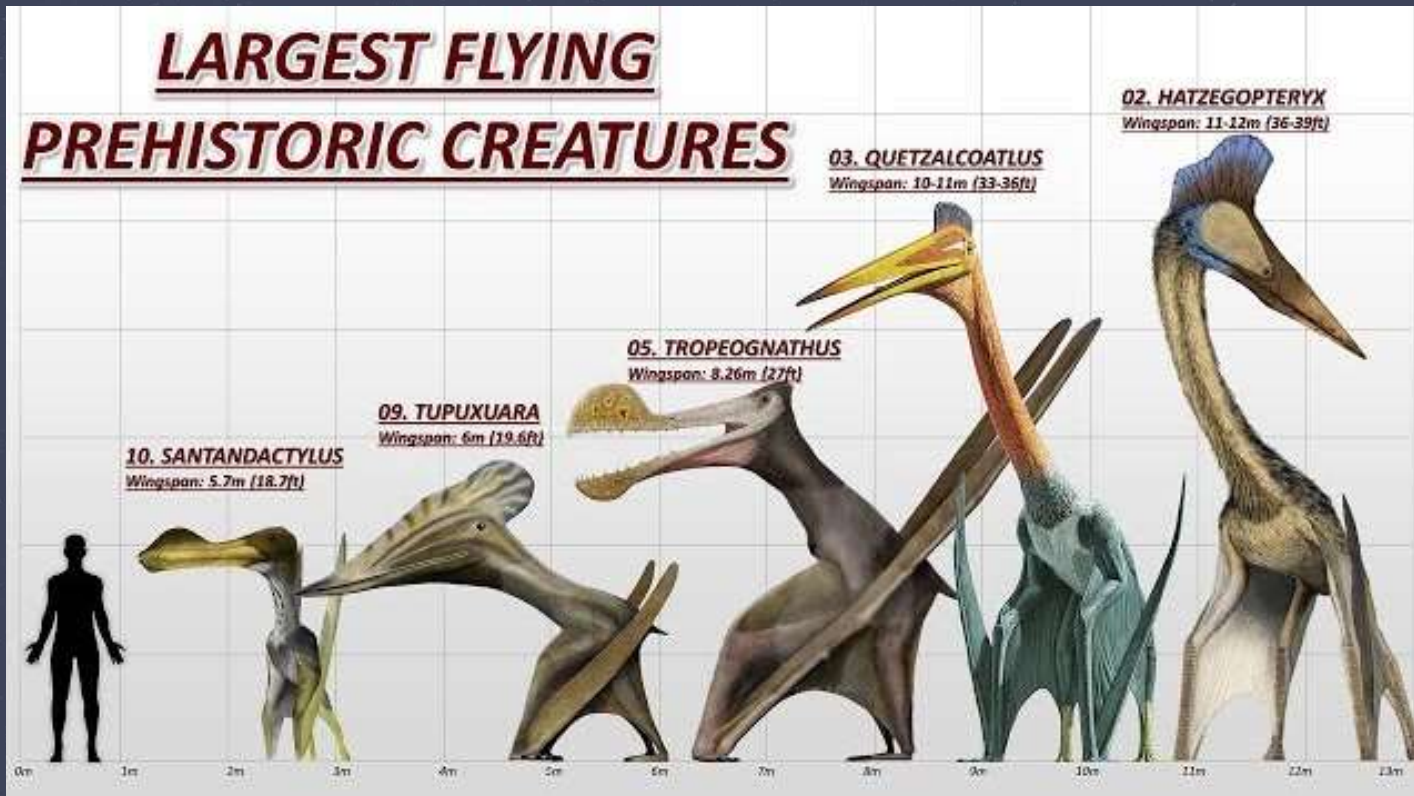
COMPARING THE WEIGHT OF DINOSAURS



Source: O'Gorman and W.E. Horne, National History Museum



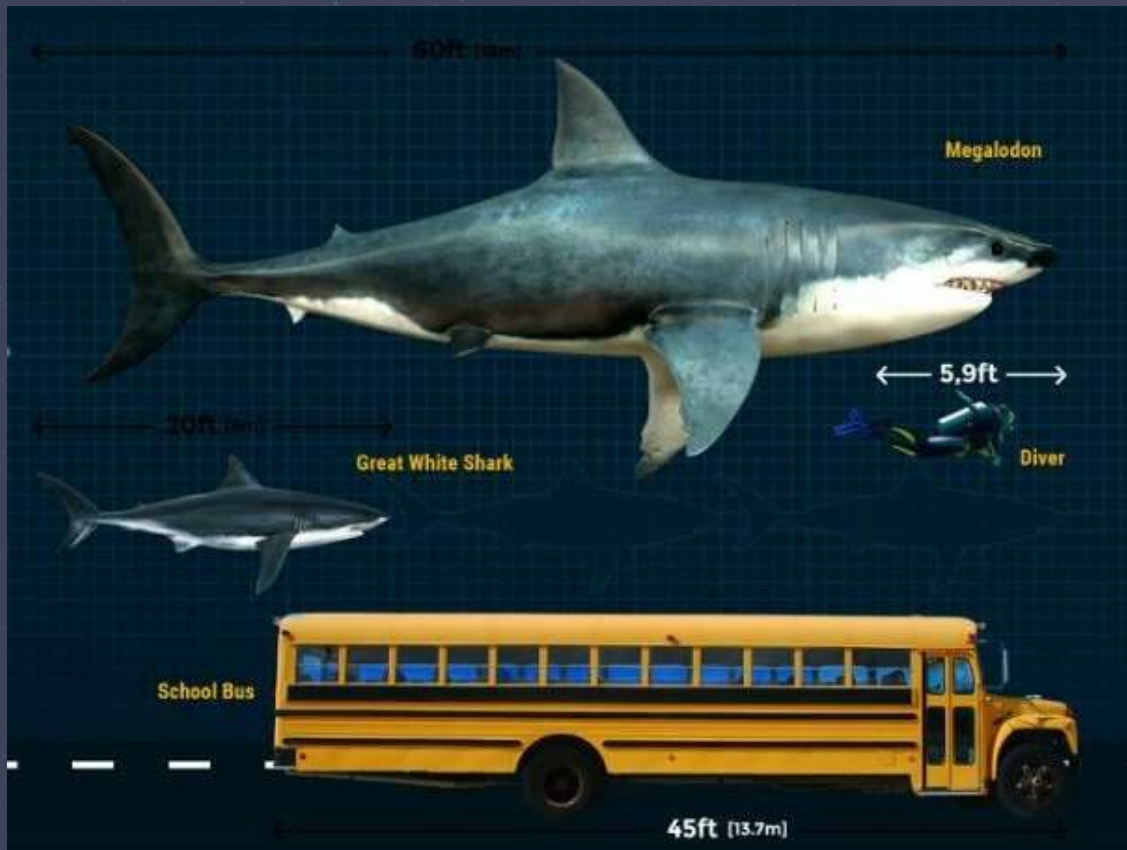
Flying Creatures:



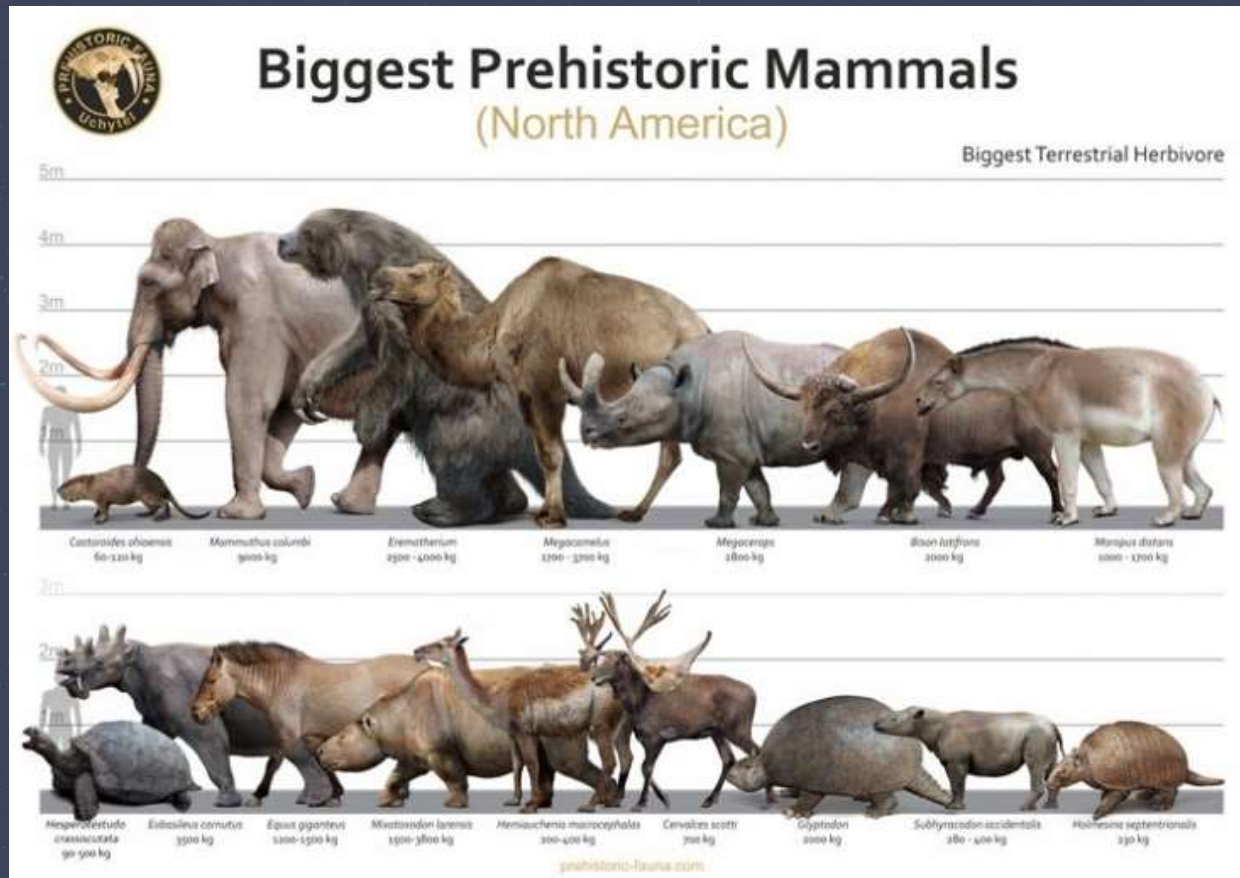
Sea Creatures:



Megalodon:



Ice Age Creatures:



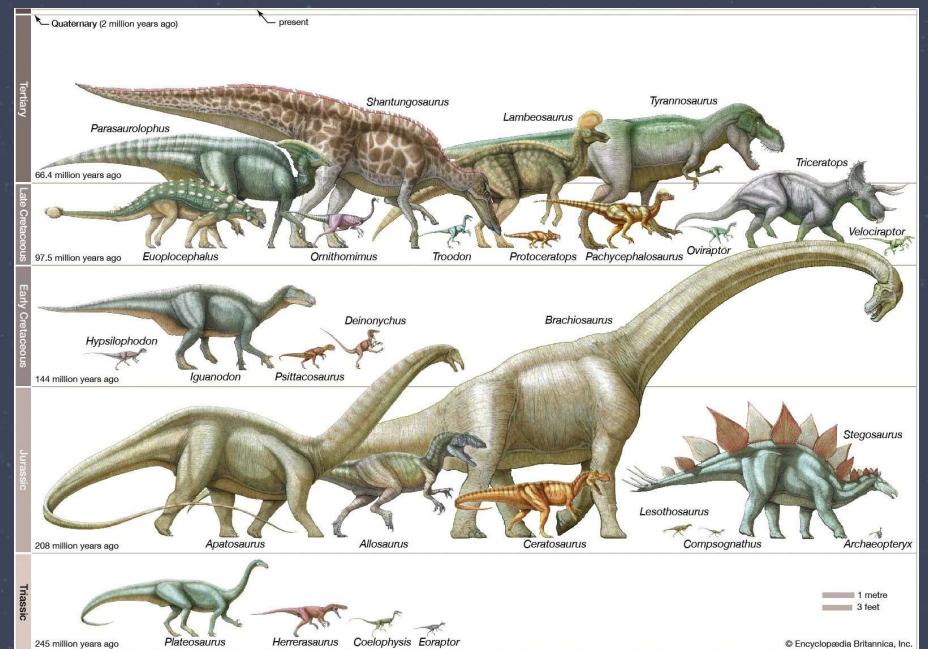
Fossil:

remnant, impression, or trace of an animal or plant of a past geologic age that has been preserved in Earth's crust.



Dinosaur on the Old Earth Timeline:

Dinosaurs lived between about 245 and 66 million years ago.



“God’s Grand Design” Class — Exploring Origins in Science and Scripture

This special class will run twice a month from October to May (Wednesdays at 7:00 p.m. at the church building).

(these events are subject to change, check here for the latest)

		Topic	Passage	Notes	Slides	Audio Recording	Class Topics
10/4/23	Class-1	Why does this topic matter?	Gen. 1:1	GGD Class 1 Notes.pdf	GGD Class 1 Slides.pdf	GGD Class 1 Recording.m4a	answers ultimate questions, lessons from Jonah
10/11/23	No-Meeting						
10/18/23	Class-2	Where did life come from?	Gen. 1:1-2:3	GGD Class 2 Notes.pdf	GGD Class 2 Slides.pdf	GGD Class 2 Recording.m4a	4 Hebrew words: create, kind, day, finished, & no such thing as "simple life", one
10/25/23	No-Meeting						
11/1/23	Class-3	Is the earth a miracle?	Gen. 1:1-2:3	GGD Class 3 Notes.pdf	GGD Class 3 Slides.pdf	GGD Class 3 Recording.m4a	earth fine tuned for life, 200+ factors for life on earth, multiverse escape
11/8/23	No-Meeting						
11/15/23	Class-4	Did humans evolve from primates?	Gen. 2:4-25	GGD Class 4 Notes.pdf	GGD Class 4 Slides.pdf	GGD Class 4 Recording.m4a	population growth rates, lack of fossil evidence, racist implications of evolution
11/22/23	No-Meeting (Thrombocytopenia)						
11/29/23	Class-5	How old is the earth?	Gen. 5 & 11	GGD Class 5 Notes.pdf	GGD Class 5 Slides.pdf	GGD Class 5 Recording.m4a	Genesis genealogies, long lifespans
12/6/23	No-Meeting						
12/13/23	Class-6	What about radiometric & carbon-14 dating?	Gen. 5 & 11	GGD Class 6 Notes.pdf	GGD Class 6 Slides.pdf	GGD Class 6 Recording.m4a	dating method assumptions, types of errors, young earth age methods
12/20/23	No-Meeting						
12/27/23	No-Meeting (Christmas)						
1/3/24	No-Meeting (New Year's)						
1/10/24	No-Meeting						
1/17/24	Class-7	What about the distant starlight problem?	Gen. 1:14-19	GGD Class 7 Notes.pdf	GGD Class 7 Slides.pdf	GGD Class 7 Recording.m4a	formation of earth, moon, Mature creation, biblical astronomy facts
1/24/24	No-Meeting						
1/31/24	Class-8	What did Charles Darwin actually see?	Gen. 1:1-2:3	GGD Class 8 Notes.pdf	GGD Class 8 Slides.pdf	GGD Class 8 Recording.m4a	adaptation versus evolution, abiogenesis, complexity of life, 4D DNA. epigenetics
2/7/24	No-Meeting						
2/14/24	No-Meeting (Valentine's Day)						
2/21/24	No-Meeting						
2/28/24	Class-9	Was there a global flood?	Gen. 5-9	GGD Class 9 Notes.pdf	GGD Class 9 Slides.pdf	GGD Class 9 Recording.m4a	Genesis flood overview, deep time, global flood myths
3/6/24	No-Meeting						
3/13/24	Class-10	How do we explain the geological column?	Gen. 5-9	GGD Class 10 Notes.pdf	GGD Class 10 Slides.pdf	GGD Class 10 Recording.m4a	deposition, geology, types of rock, sedimentary rock, 5 depositional evidences
3/20/24	Movie Night	The Ark and the Darkness - Movie Night					
3/27/24	Class-11	How did the Grand Canyon form?	Gen. 5-9	GGD Class 11 Notes.pdf	GGD Class 11 Slides.pdf	GGD Class 11 Recording.m4a	erosion, phases of the flood, 5 erosional evidences, sheet and channelized flow
4/3/24	No-Meeting (Spring Break)						



250,000 years ago

**Dinosaurs went extinct
66,000,000 years ago.**

**People appeared around
250,000 years ago.**

**Did dinosaurs and people
live at the same time?**

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Genesis 1:25

And God made the beasts of the earth according to their kinds and the livestock according to their kinds, and everything that creeps on the ground according to its kind. And God saw that it was good.

Genesis 1:26, 31

Then God said, "Let us make man in our image, after our likeness. And let them have dominion over the fish of the sea and over the birds of the heavens and over the livestock and over all the earth and over every creeping thing that creeps on the earth."

... 31 And God saw everything that he had made, and behold, it was very good. And there was evening and there was morning, the sixth day.

People were created with dinosaurs on Day 6.



Genesis 6:19-20

And of every living thing of all flesh, you shall bring two of every sort into the ark to keep them alive with you. They shall be male and female. 20 Of the birds according to their kinds, and of the animals according to their kinds, of every creeping thing of the ground, according to its kind, two of every sort shall come in to you to keep them alive.

Dinosaurs would have been on the Ark.



Most dinosaurs would have been killed during the flood.



Dinosaurs would have been buried in tsunamis and mudflows.



The Logistics of the Ark



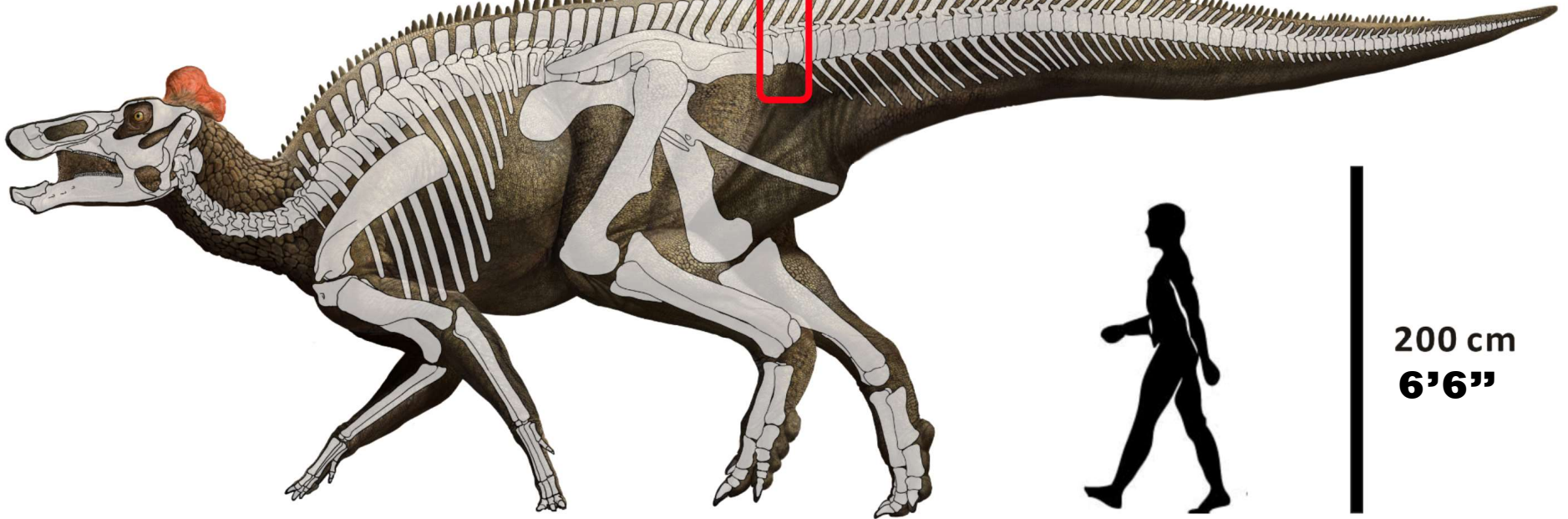
**Evolutionary Timeline:
Dinosaurs went extinct
66,000,000 years ago.**

**Creation timeline:
People and dinosaurs were
together 4,500 years ago.**

A factor of ~15,000x!

Edmontosaur

One of these
Vertebrae

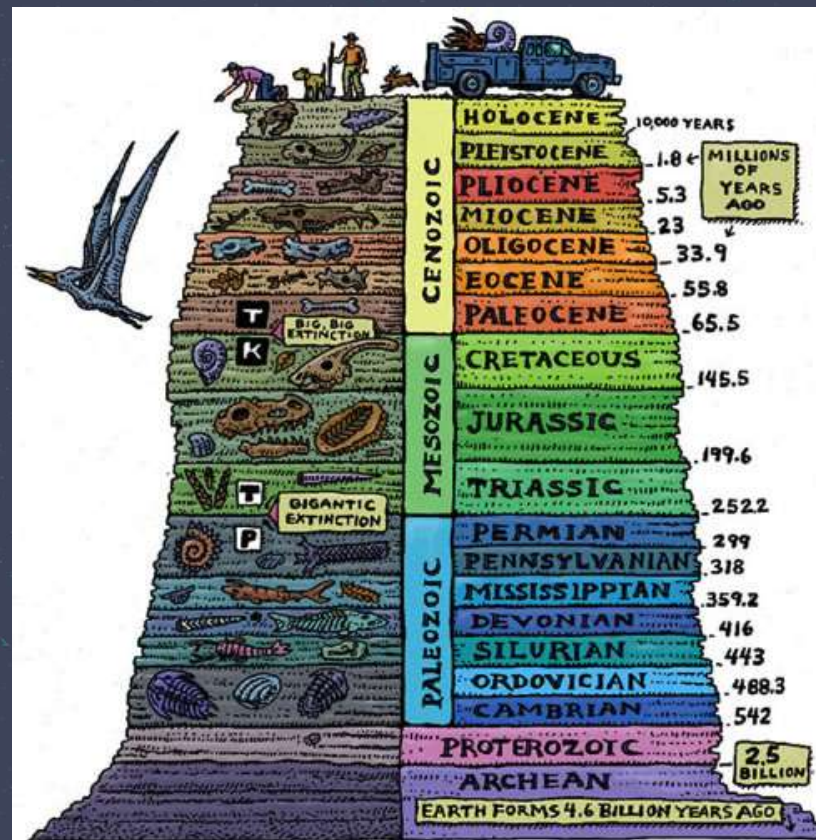


200 cm
6'6"

https://www.youtube.com/watch?v=87E8bQrX4Wg&ab_channel=NaturalHistoryMuseum

0:00-2:44

The Fossil Record



Marine Fossils Grand Canyon



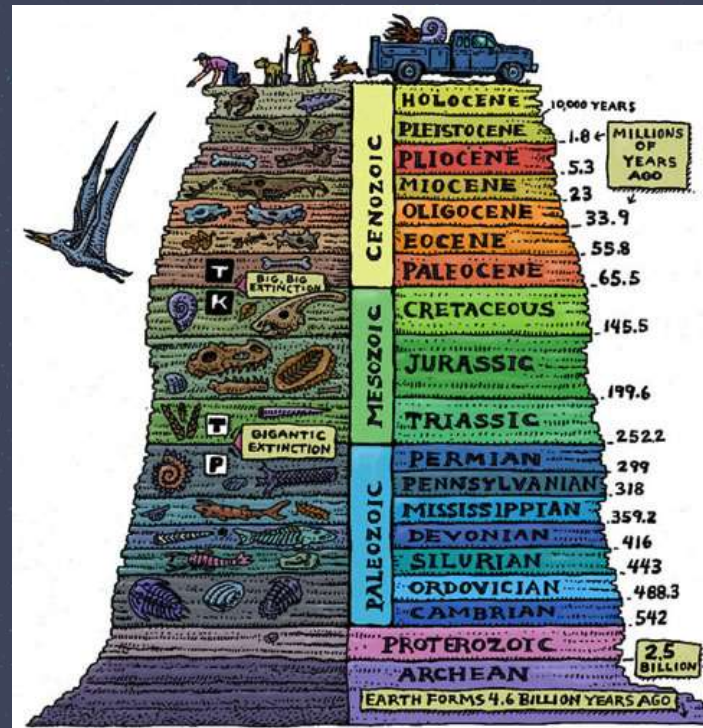
Marine Fossils Grand Canyon



Mill Canyon (Moab, Utah)

Denver Museum of Nature & Science





Fossil Record: Is it 500 million years of evolution and death OR is it a burial record from the global flood?

Fossilization on land is extremely rare.



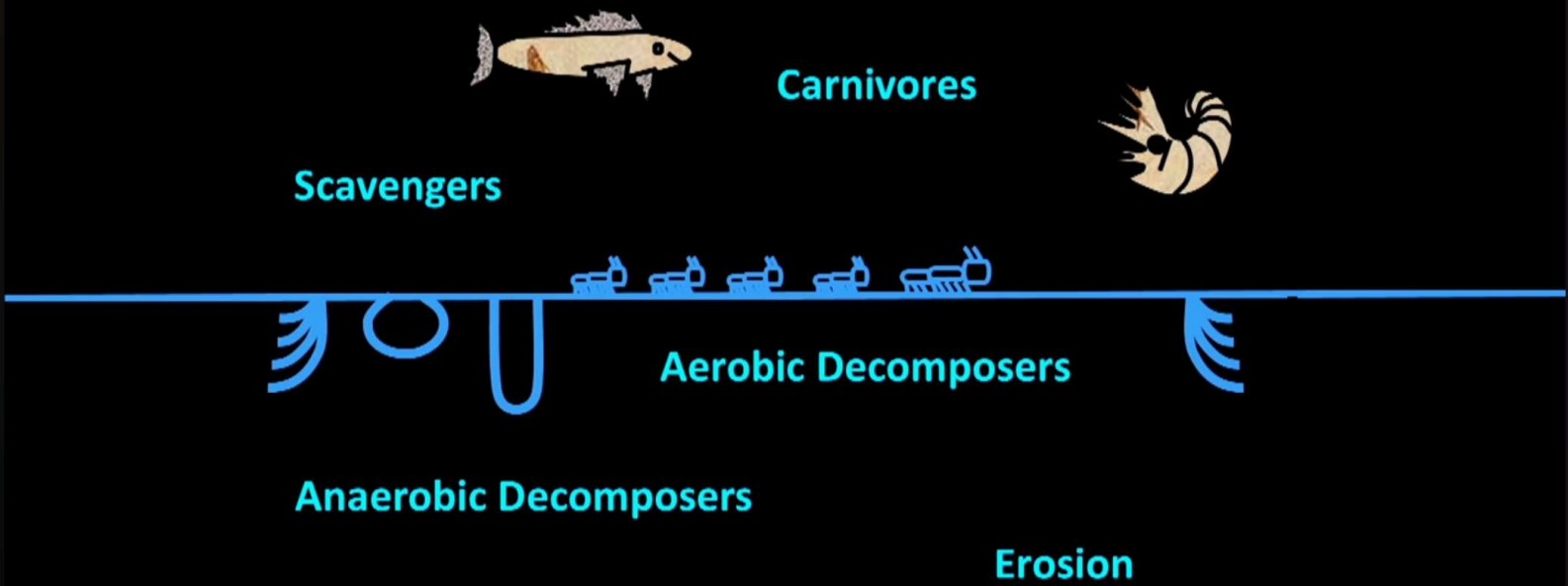
Fossilization in the ocean is extremely rare.



https://www.youtube.com/watch?v=4QE3TUQpp5g&ab_channel=InsiderScience

000-2:44

Fossilization Rare at Present



Insufficient burial leads to "bloat and float."

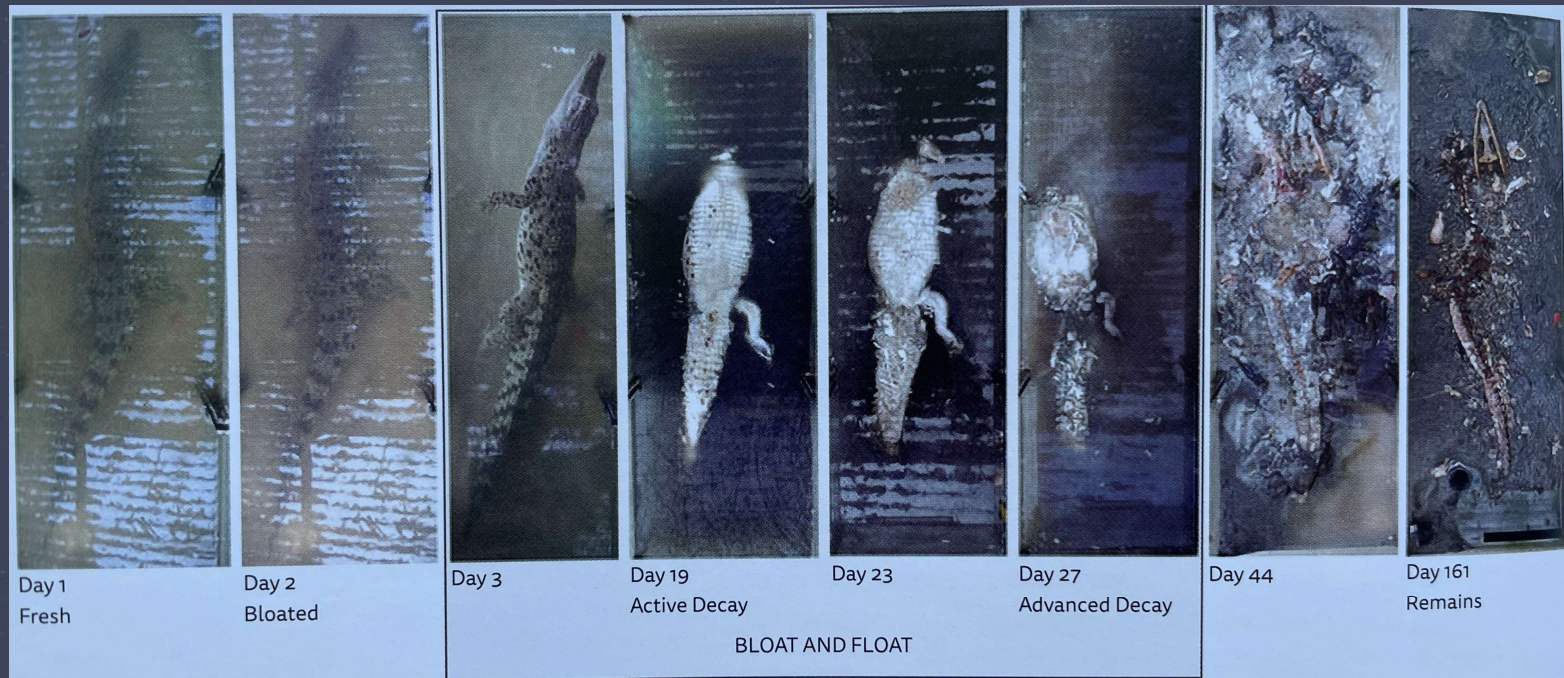


Figure 2: Photographs demonstrating the 'bloat and float' of a decaying crocodile carcass over a short period

Caitlin E.Syme, Steven W.Salisbury

Death Pose or Death Throes



Figure 32. Dinosaurs in the Common "Death Pose," Indicating Rapid Burial and Suffocation (Royal Tyrrell Museum, Author).



University of Bristol – Rapid Fossilization Process

University of BRISTOL

News and features

Current students Current staff Alumni

search

Creating 'synthetic' fossils in the lab sheds light on fossilisation processes

Press release issued: 25 July 2018

A newly published experimental protocol, involving University of Bristol scientists, could change the way fossilisation is studied.

In addition to directly studying fossils themselves, experimental treatments of fresh organismal remains can be utilised to study fossilisation.

One commonly employed experimental approach is known as 'artificial maturation', where high heat and pressure accelerate the chemical degradation reactions that normally occur over millions of years when a fossil is buried deep underground and exposed to geothermal heat and pressure from overlying sediment.


Maturation has been a staple of organic geochemists who wish to study the formation of fossil fuels and is in some ways similar to the more intense experimental conditions that produce synthetic diamonds.

More recently, maturation has been used to study the formation of exceptional fossils that preserve soft tissues as dark, organic films in addition to mineralised tissues like bone, including fossil dinosaurs from China with organically preserved feathers.

However, much maturation equipment is often limited by the use of small, sealed chambers which trap not only the highly stable organic molecules of interest to palaeontologists and organic geochemists, but also the breakdown products of less stable molecules that are less likely to be retained in fossils. Therefore, direct comparisons between the experiments and the fossils become complicated.

For example, when [Evan Saitta](#), who recently submitted his PhD at the University of Bristol's School of Earth Sciences and is now a postdoctoral researcher at the Field Museum of Natural History in Chicago, ran these more traditional maturation experiments on feathers during his MSc (also at Bristol), the [result](#) was a foul-smelling fluid.

[Jakob Vinther](#), senior lecturer at Bristol's [School of Earth Sciences](#) and [School of Biological Sciences](#) as well as Saitta's PhD and MSc advisor, added: "What we are coming to realise is that fossils aren't simply a result of how fast they rot, but rather the molecular composition of different tissues. However, it is inherently difficult to take the conceptual leap from understanding chemical stability to understanding how tissues and organs may, or may not,



Experimental samples compared to fossils down to the microscopic structure of melanosomes.
image credit: Fossil lizard images courtesy of Nicholas Edwards and Wang Yuan

Soil Pressure

Depth of Soil (ft)	Pressure (psf)	Pressure (psi)
5	600	4.2
50	6,000	41.7
500	60,000	416.7
5,000	600,000	4,166.7
Unit Weight of Soil (pcf):	120	



Individual Fossils or Mass Graveyard?



Figure 30. Dinosaur Fossil Graveyard Example.

Individual Fossils or Mass Graveyard?



Figure 31. Aerial extent of the Morrison Formation.¹¹⁴

Individual Fossils or Mass Graveyard? Dinosaur National Monument



Notice a theme?

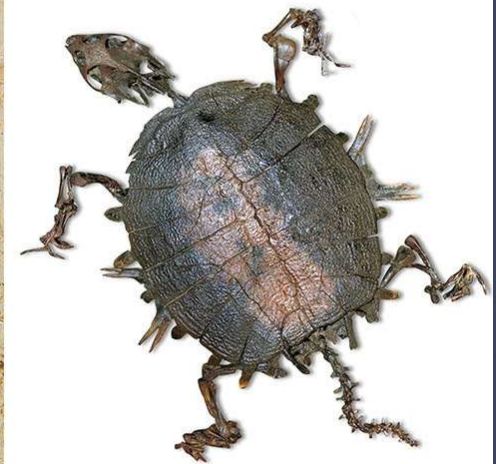


Figure 34. Dinosaur Graveyards in Midwestern U.S. with "Flood Catastrophe" Explanations from Secular Sources.¹²⁶

Marine and land creatures buried together on the continents. Messel Pit (Germany)



©Hessisches Landesmuseum



©Senckenberg gesellschaft
für naturforschung

Whale Fossils (Peru)

Taphonomy of fossil whales in the diatomaceous sediments of the Miocene/Pliocene Pisco Formation, Peru

Raúl Esperante⁽¹⁾, Leonard Brand⁽¹⁾,
Arthur Chadwick⁽²⁾ and Orlando Poma⁽³⁾

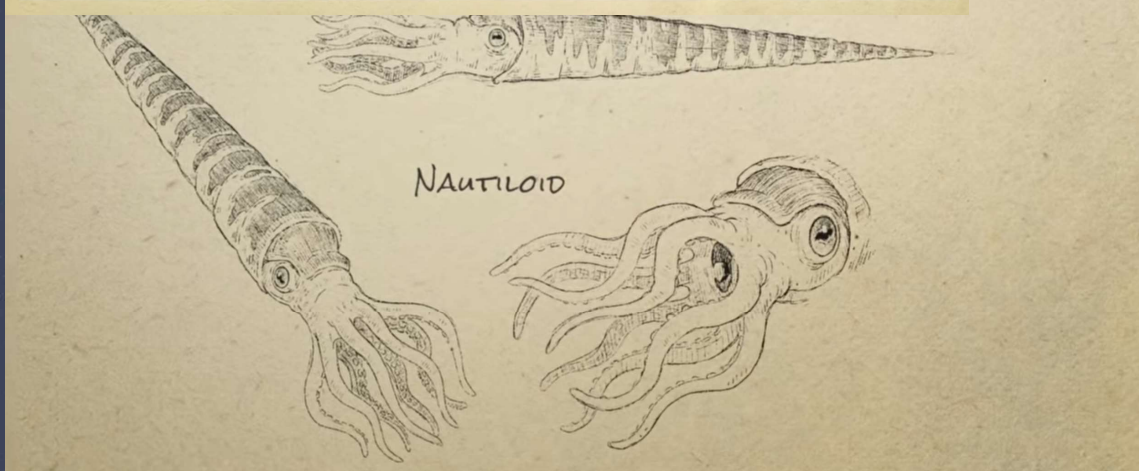
(1) Natural Sciences Department, Loma Linda University, Loma Linda, California 92350, USA

(2) Biology Department, Southwestern Adventist University, Keene, Texas 76059, USA

(3) Universidad Peruana Unión, Carretera Central, Km 19, Ñaña, Lima, Perú



Water flow indicators. Nautiloid Canyon, Grand Canyon



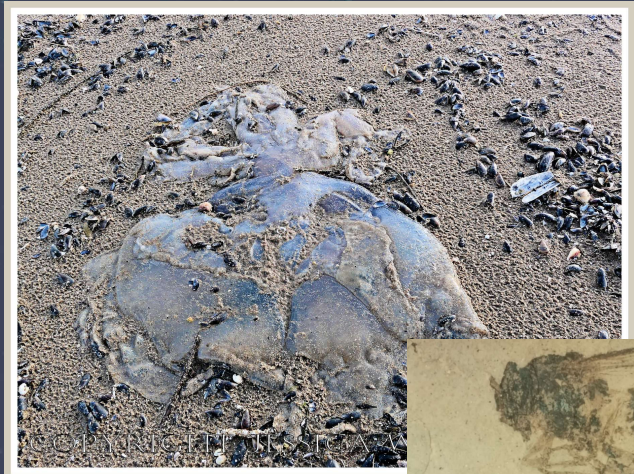
Rapid Burial



Delicate Features



flowers



crinoids
("sea lilies")



wasp



jellyfish

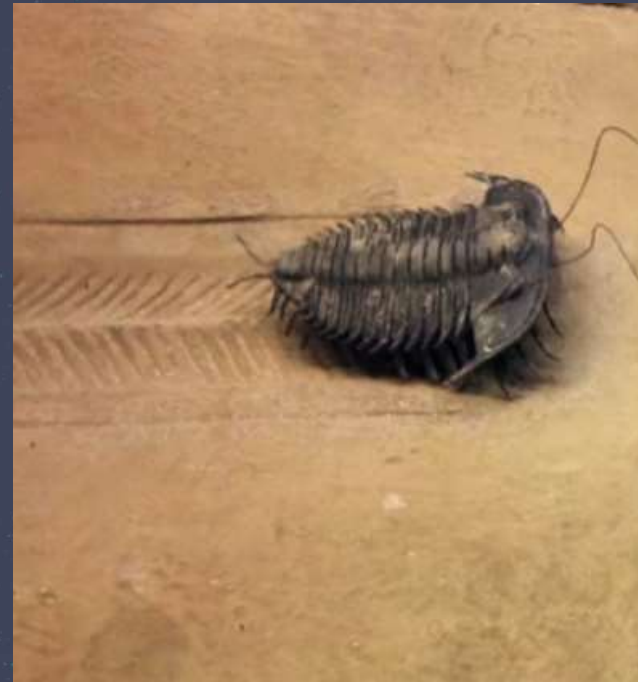
Tracks or "Footprints"



Animal Tracks Grand Canyon



Animal Tracks below Fossils?



Polystrate Tree Fossils



Fern Tree Fossil



☰ **CNN** World Live TV

SPACE + SCIENCE


Rare ancient tree discovery has scientists 'gobsmacked'

By Ayurella Horn-Muller, CNN

🕒 5 minute read

Updated 3:24 PM EST, Fri February 2, 2024

💬 13 comments



“One of the specimens they discovered is among a handful of cases in the entire plant fossil record – spanning more than 400 million years – in which a tree’s branches and crown leaves are still attached to its trunk.” - CNN

Where are human fossils?



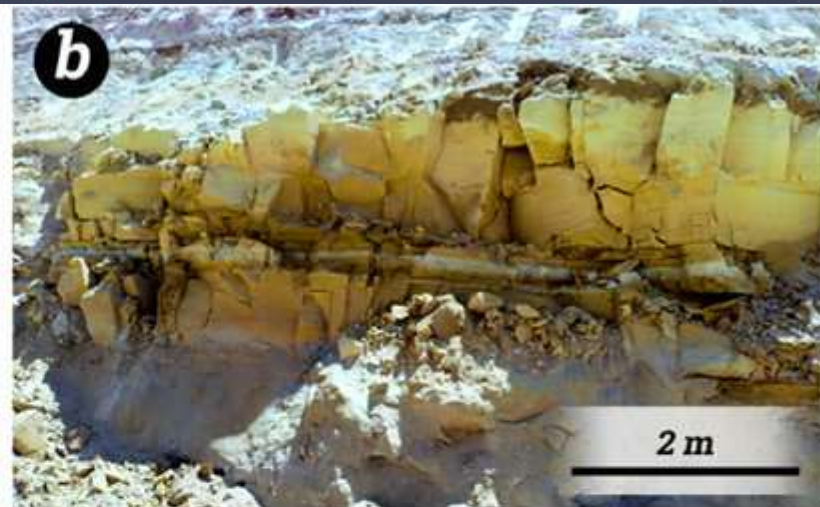
Genesis 6:13

And God said to Noah, "I have determined to make an end of all flesh, for the earth is filled with violence through them. Behold, I will destroy them with the earth.

Leviticus 26:22

And I will let loose the wild beasts against you, which shall bereave you of your children and destroy your livestock and make you few in number, so that your roads shall be deserted.





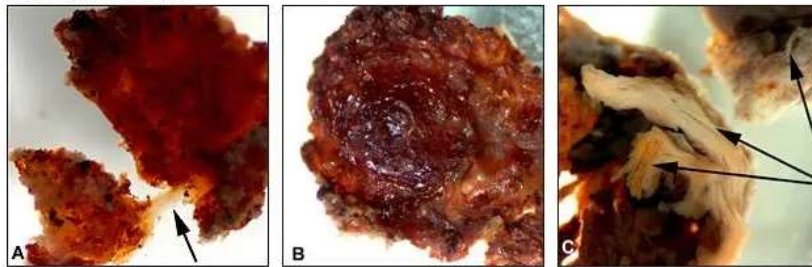
Where are the human fossils?

1. God promised to wipe people off the face of the earth.
2. There may have been less people than we tend think.
3. People moved to higher ground over the 150 days of the advancing water thus avoiding burial.
4. The massive phosphate layers may be remnants of their bones.

Dinosaur Soft tissue

2005 Dr. Mary Schweitzer

Photos by M. H. Schweitzer



- A. The arrow points to a tissue fragment that is still elastic. It beggars belief that elastic tissue like this could have lasted for 65 million years.
- B. Another instance of “fresh appearance” which similarly makes it hard to believe in the “millions of years”.
- C. Regions of bone showing where the fibrous structure is still present, compared to most fossil bones which lack this structure. But these bones are claimed to be 65 million years old, yet they manage to retain this structure.



Dinosaur Soft tissue

“Oh yeah, all Hell Creek bones smell.”

- Dr. Jack Horner



Dinosaur Soft tissue

I just got goose bumps, because everyone knows these things don't last for 65 million years.' - Dr. Mary Schweitzer



Dinosaur Soft tissue

“When you think about it, the laws of chemistry and biology and everything else that we know say that it should be gone, it should be degraded completely.” - Dr. Mary Schweitzer



Dinosaur Soft tissue

“I had one reviewer tell me that he didn't care what the data said, he knew that what I was finding wasn't possible, 'I wrote back and said, 'Well, what data would convince you?' And he said, 'None.'” - Dr. Mary Schweitzer

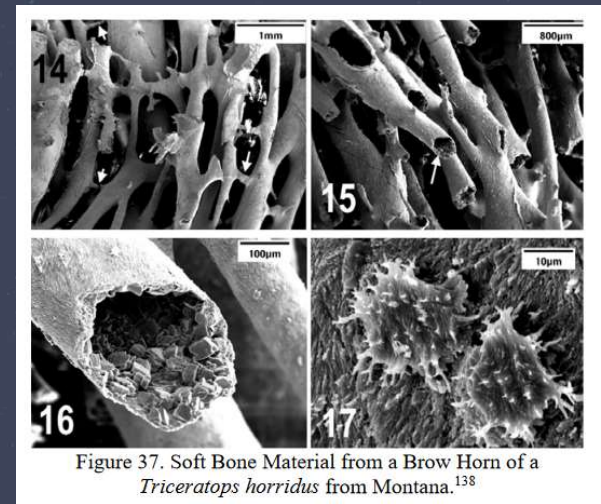
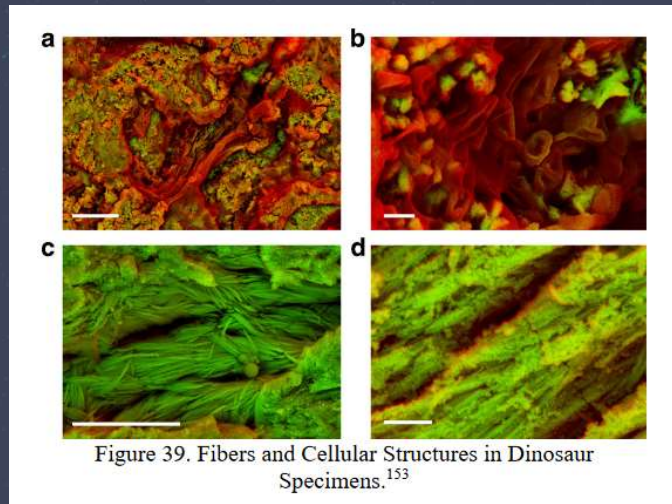
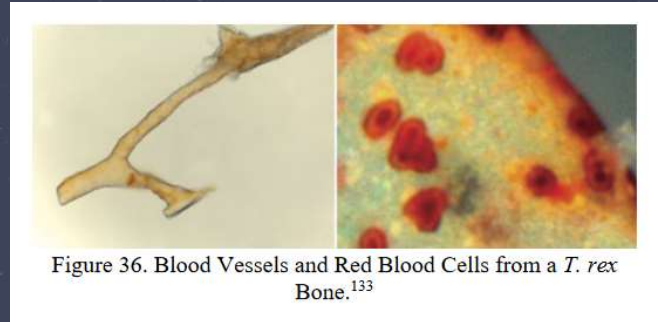


https://www.youtube.com/watch?v=REJk9cuXG98&ab_channel=IsGenesisHistory%3F

0:00-1:40

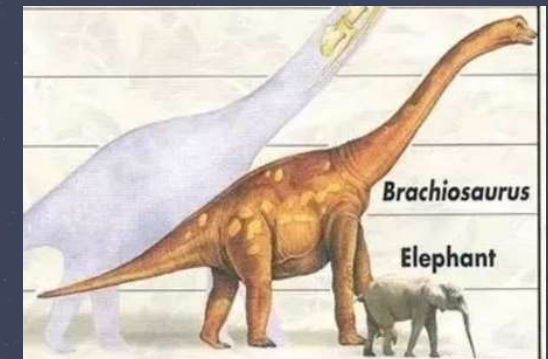
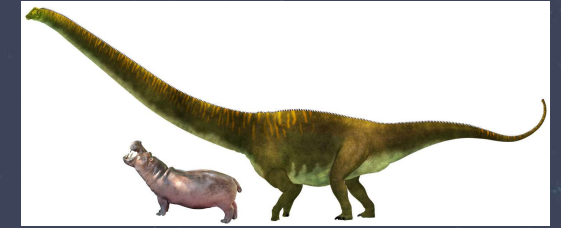
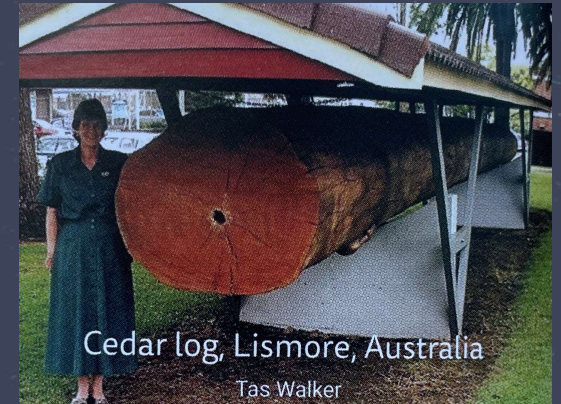
Dinosaur Soft tissue

To date, 100-120 examples of soft tissue.

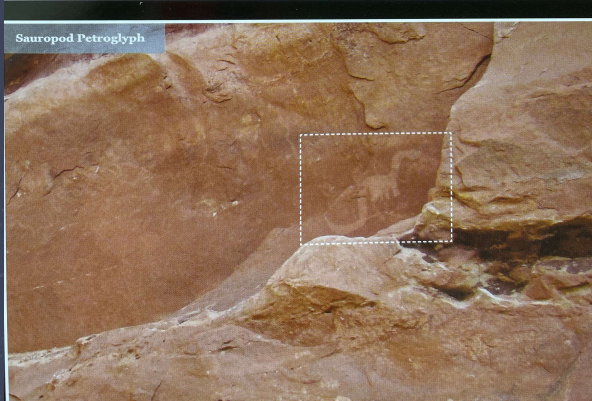
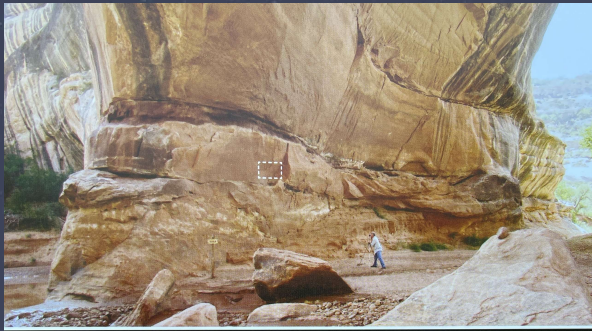


Job 40:15-24

“Behold, Behemoth, which I made as I made you; he eats grass like an ox. 16 Behold, his strength in his loins, and his power in the muscles of his belly. 17 He makes his tail stiff like a cedar; the sinews of his thighs are knit together. 18 His bones are tubes of bronze, his limbs like bars of iron. 19 “He is the first of the works of God; let him who made him bring near his sword! 20 For the mountains yield food for him where all the wild beasts play. 21 Under the lotus plants he lies, in the shelter of the reeds and in the marsh. 22 For his shade the lotus trees cover him; the willows of the brook surround him. 23 Behold, if the river is turbulent he is not frightened; he is confident though Jordan rushes against his mouth. 24 Can one take him by his eyes, or pierce his nose with a snare?



Dinosaurs in Art?



De sancto georgio martyre.
Georgi martyr indue te decet lau
et gloria predicati milicia p que
puella regia existens in arstua

Dinosaurs in Art?



Figure 69. Palestrina Mosaic.



Figure 70. Palestrina Mosaic (close up).



Figure 71. Reconstruction of Inostrancevia (the largest of the Gorgonopsid species).²⁵⁴



Figure 68. Courtesy Quirino Olivera Núñez, President of the Association for Scientific Research of the Peruvian Amazon.

Dinosaurs in Art?



Figure 65. Ta Prohm Temple (built between AD 802 and 1431).²⁵²

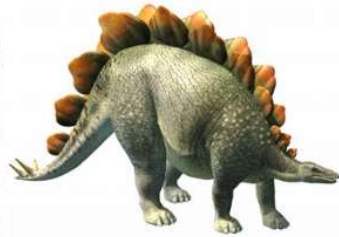
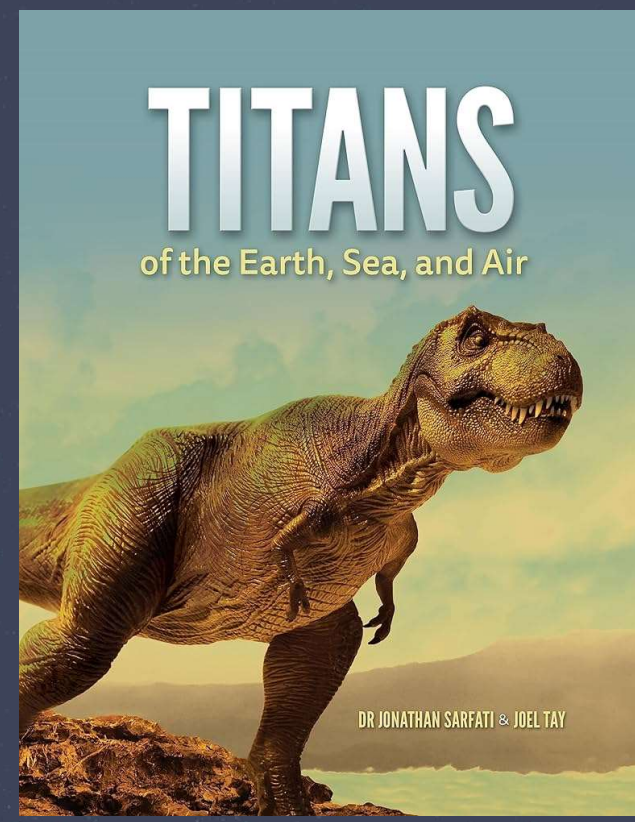
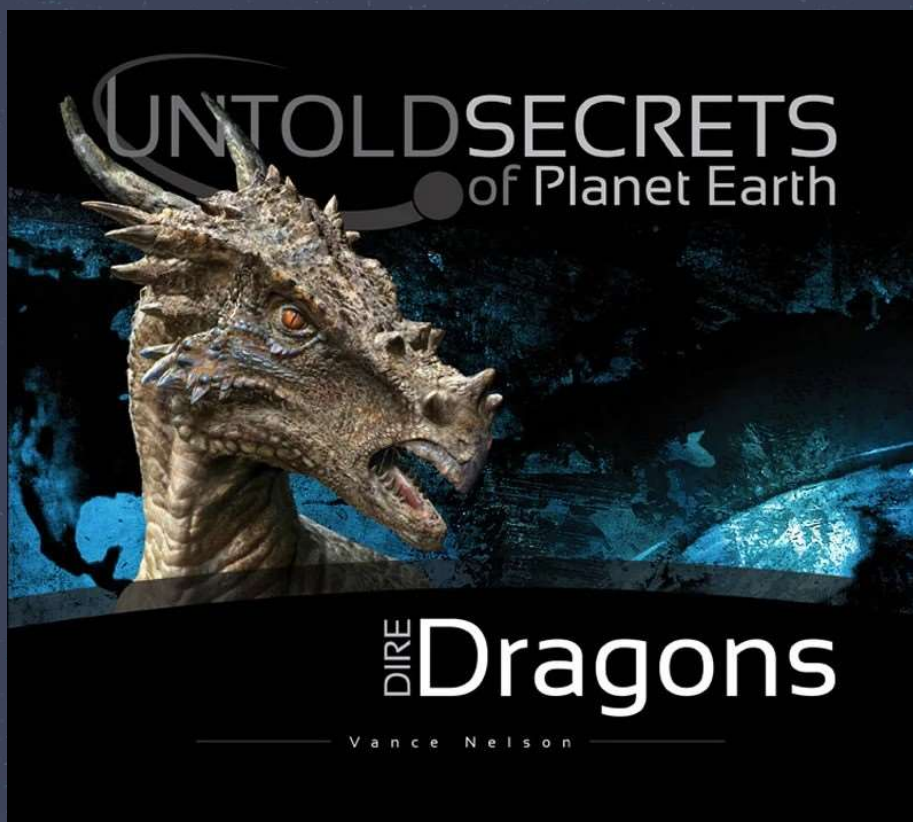
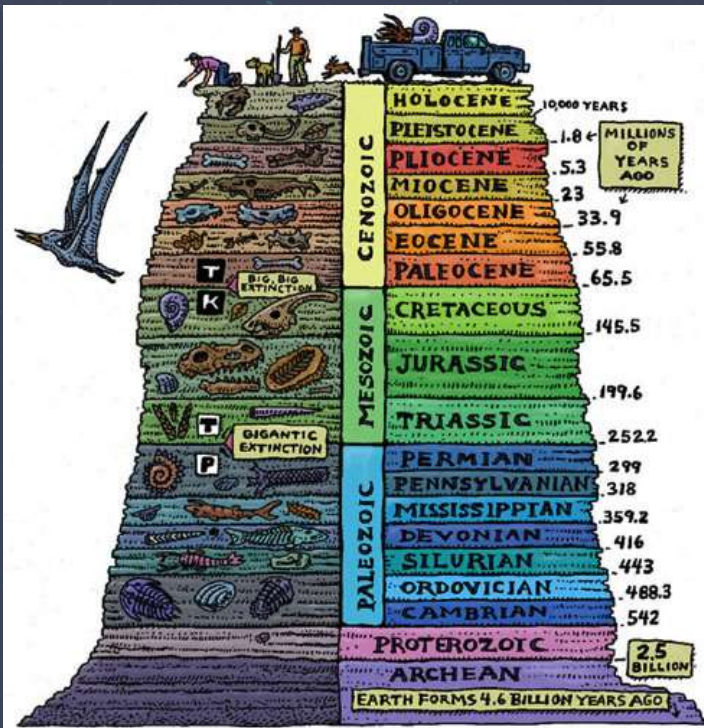


Figure 66. Artwork at Cambodia's Angkor Wat Temple.²⁵³



Two Book Ideas





Fossil Record: Is it 500 million years of evolution and death OR is it a burial record from the global flood?

Matthew 24:37-42

For as were the days of Noah, so will be the coming of the Son of Man. 38 For as in those days before the flood they were eating and drinking, marrying and giving in marriage, until the day when Noah entered the ark, 39 and they were unaware until the flood came and swept them all away, so will be the coming of the Son of Man. 40 Then two men will be in the field; one will be taken and one left. 41 Two women will be grinding at the mill; one will be taken and one left. 42 Therefore, stay awake, for you do not know on what day your Lord is coming.



Discussion Questions:

1. What is your favorite dinosaur?
2. What did you learn tonight/what stood out to you?
3. Which fossil evidence presented tonight is most compelling for the young earth perspective?
4. Any thoughts on the Job 40 passage and the Behemoth?
5. Have a few people pray.



God's Grand Design

Exploring Origins in Science and Scripture