

How Credible is a Global Flood ?

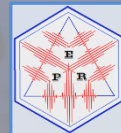
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God Takes Responsibility for the Flood!

Then the LORD saw that the wickedness of man *was* great in the earth, and *that* every intent of the thoughts of his heart *was* only evil continually.

The earth also was corrupt before God, and the earth was filled with **violence**.

Genesis 6: 5 & 11



**News
Today:**

**Violence
Aggression
Bullying
Betrayal
Beating
Abuse
Threat
Fear
Fight
War
Anger
Killing**

God and the Flood



- God is “Spirit” - not constrained by matter, energy, space, time.
- He is a limitless being able to design and fashion the cosmos to His own timetable.
- God is immeasurably “Big” – in dimensions unknown to us.
- God NOT a “chess-master.”
- Did God actively cause the Flood? Or just allow a Natural Disaster to proceed?



Flood Basics from Genesis Chapters 6 -8

- God tells Noah build a boat 300 cubits long, 50 cubits wide and 30 cubits high.
- Representatives of all animal kinds enter.
- All the springs of the great deep burst forth, and the floodgates of the heavens were opened. And rain fell on the earth 40 days and 40 nights.
- All the high mountains under the entire heavens were covered.
- The waters flooded the earth for 150 days.
- Great wind blew.
- After 7.5 months – tops of mountains appear. 1 year and 10 days till Ark opened.
- Geologic and seismological effects – probably continue of 100s to 1000s of years.
- All animals not in the ark died.

Did the Flood Really Happen?

New Testament Writers, including Jesus, Spoke of the Flood as History

"For as in the days that were before the flood they were eating and drinking, marrying and giving in marriage, until the day that Noah entered into the ark, and knew not until the flood came, and took them all away; so shall also the coming of the Son of man be." Matthew 24:38-39.



"The human mind, like the parachute, is best kept open when in use"
Sir Crispin Tickell

Did the Flood Really Happen?

Folklore and Legends of a
Global Flood are the MOST
Widespread Folk Tales
from EVERY Continent



Tablet from
ancient
Mesopotamia
ca 2100 BC
Gilgamesh epic
with flood story
of
Utnapishtim.

There are More than
270 Flood Legends in the World

- Mesopotamia
- India
- Greece
- Hawaii
- Aztecs
- Mayas
- Incas
- China

船

boat

舟 八 口
vessel eight people

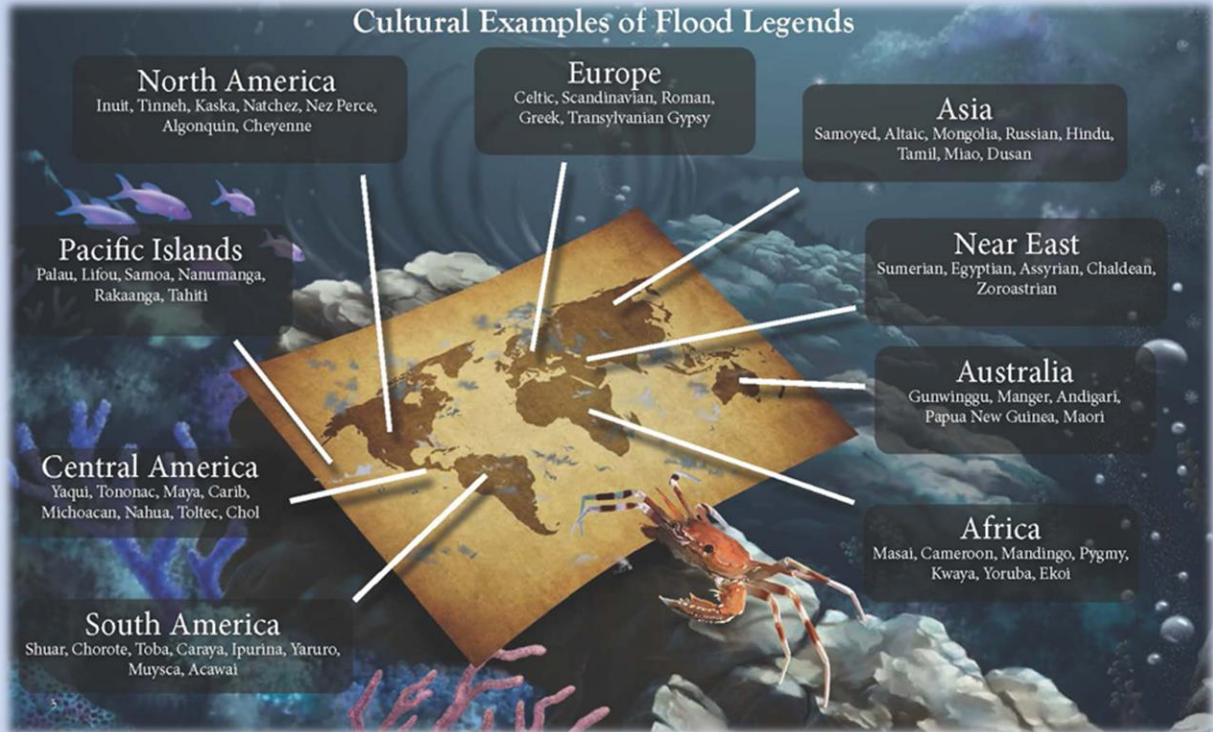


Chinese:

One ancient Chinese classic called the “hikking” tells the story of Fuhü, whom the Chinese consider to be the father of their civilization. Fuhü, his wife, and three sons and three daughters escaped a great flood. He and his family were the only people alive on the earth. After the great flood, they repopulated the world.

More than 270 Flood Stories

Cultural Examples of Flood Legends



Common Elements in Flood Folklore

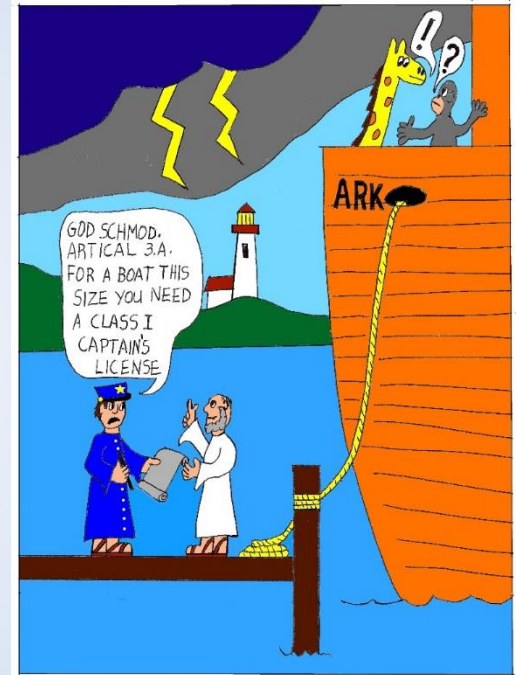
Favoured family (88%). Were forewarned (66%). Flood due to man's wickedness (66%)
Flood is global (95%). Survival due to a boat (70%). Animals also saved (67%)
Survivors land on a mountain (57%).

What can We Conclude from the Flood Folklore?

Anthropologists teach that folklore is often the **faded memory** of a **real event**. Details may be lost or obscured but the kernel of truth remains.

The only credible way to understand the widespread, similar flood legends is to recognise that:

A few real people survived a real global flood, on a real boat which landed on a real mountain. Their descendants now fill the globe, never to forget the real event.



Could It Have Been Just a Local Flood?



No need for a boat – they could migrate!

No need to save animals!

Language of Genesis (and other folklore) not consistent with that.

Rainbow promise would be meaningless and broken many times!

50 Longest Living Animals in the World

Ocean quahog clam.	Oldest recorded:	507 years.
Greenland shark.	Oldest recorded	392 years
Bowhead whale.	Oldest recorded:	211 years
Rougheye rockfish.	Oldest recorded:	205 years
Red sea urchin.	Oldest recorded:	200 years
Galapagos turtle.	Oldest recorded:	177 years



Bristlecone
Pine

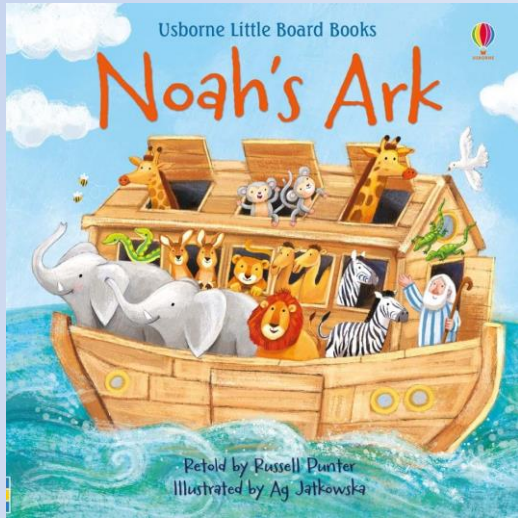


Giant
Sequoia

Oldest Trees

Great Basin bristlecone pine:	~5,000 years
<u>Llangernyw</u> Yew (Wales)	>4,000 years
Patagonian Cypress	3,647 years
Giant Sequoia	3,266 years

How Big Was the Ark?



How Big Was the Ark?

It's dimensions were:

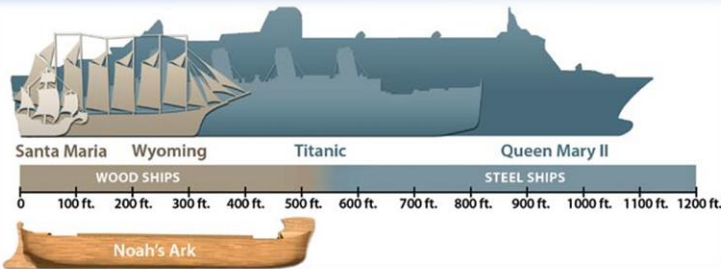
510 feet long,

85 feet wide,

51 feet high



Full Size Arc Replica – Ark Encounter – Kentucky USA



Dimensions

Ideal for survival at sea

“Amateurs built the Arc – professionals built the Titanic”

What Animals Were on the Ark?

Genesis 7 vs. 8 & 9: “... clean and unclean **animals**, of **birds** and of all **creatures that move along the ground**, male and female, came to Noah and entered the ark.”

Onboard: Mammals, Reptiles, Birds

Not: Fish, Sea creatures, Plants



Genesis says every “kind” of animal
Hebrew for “kind” is “min” or “baramin”

All varieties (species) that can interbreed with one another form one “kind.”

Dog “kind” includes all varieties (species) of dogs, wolves and foxes.

Pigeon “kind” includes hundreds of varieties (species) of pigeon.

Did Noah Gather the Animals?

Aspects of the Flood show
God’s intervention

How Many Animals on the Ark?

Total Size of Various Animal Classes (taxa) on Earth.

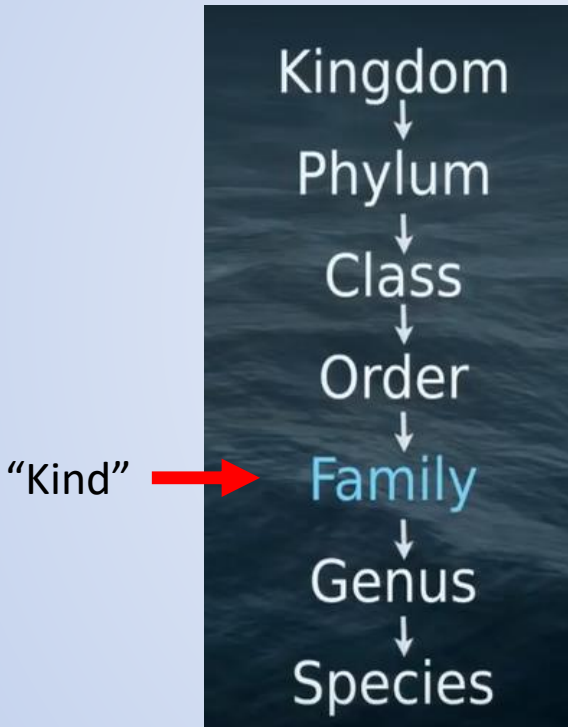
Species ~ 8,000,000

Genera ~ 16,000

Families ~ 3000

Assume there 16,000 animal, bird & reptile kinds on the Ark.

This will be a big overestimate because many animals within a genus are known to be able to interbreed.



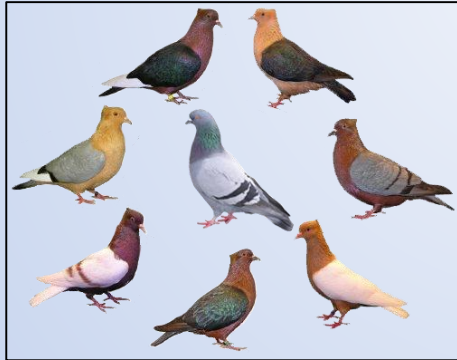
Interbred Animals



Hebra or Zebroid [Horse ♥ Zebra]



Cama [Camel ♥ Llama]



A Few of the Many Pigeon Species



Liger [Tiger ♥ Lion]

How Many Animals on the Ark?

Total Size of Various Animal Classes (taxa) on Earth.

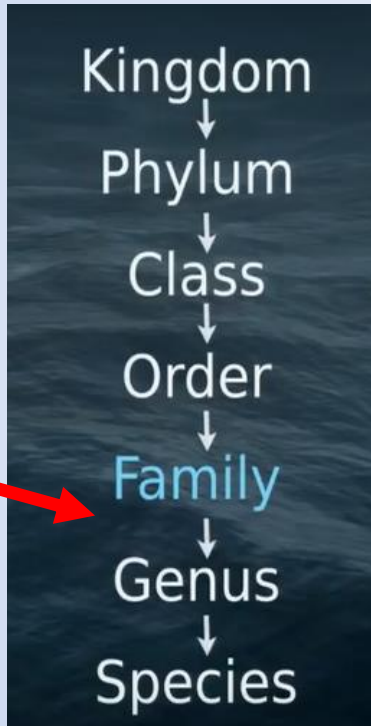
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“Kind”

Would There be Dinosaurs on the Ark?



Would There be Dinosaurs on the Ark?

Yes! Dinosaurs are reptiles. They are born small and become big only when old!

Dinosaurs on the Ark were probably young ones.

Note size of fossil Dino eggs:
None larger than a rugby ball
ever found.

Of the 16,000 animals about
80 dinosaur genera included.



Fossil
Dinosaur
eggs

Would There be Room on the Ark? What About Food, Water, Animal Waste?

Careful analysis by Woodmorappe showed:

The 16,000 animals would occupy only about $\frac{1}{2}$ the floor space of the Ark.

Plenty of room for food, fodder, water.

Animal dung and waste – probably fell through slatted floors.

Could 8 persons care for 16,000 animals?

Many animals probably dormant or hibernating on the Ark.

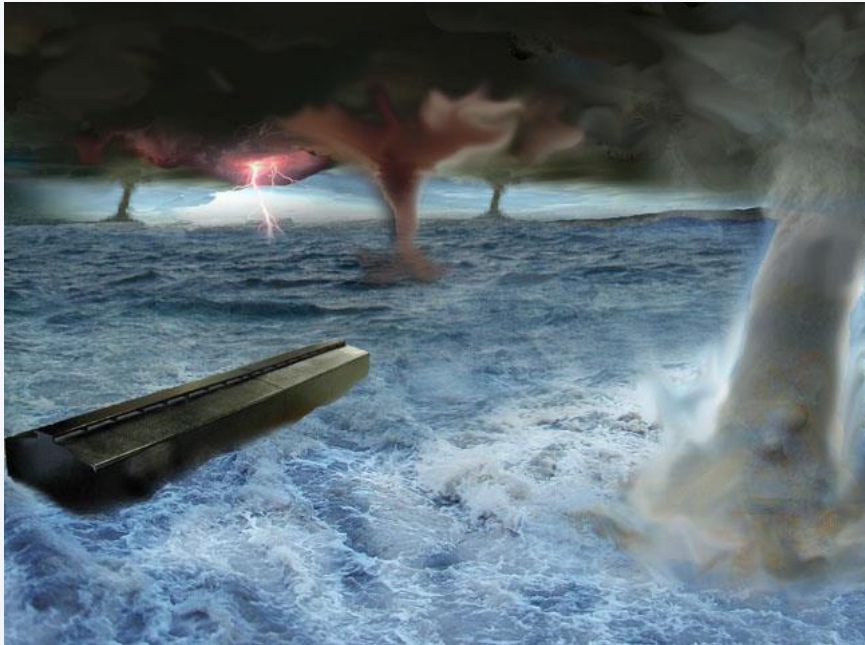
Modern lab: 1 person cares for 5900 mice, rats and rabbits

Modern farm: 1 person cares for 3800 pigs

With appropriate design of the Ark this should be no problem.

What would the Flood be Like?

Stupendous Volcanoes and Earthquakes During the Flood
Continent size Tsunamis and Turbidites (Mud flows).
Storms, hurricanes, tornadoes of world-wide extent
First erosion of land - then deposition – vast scale.
Ice age followed the flood.



Where did the water come from?

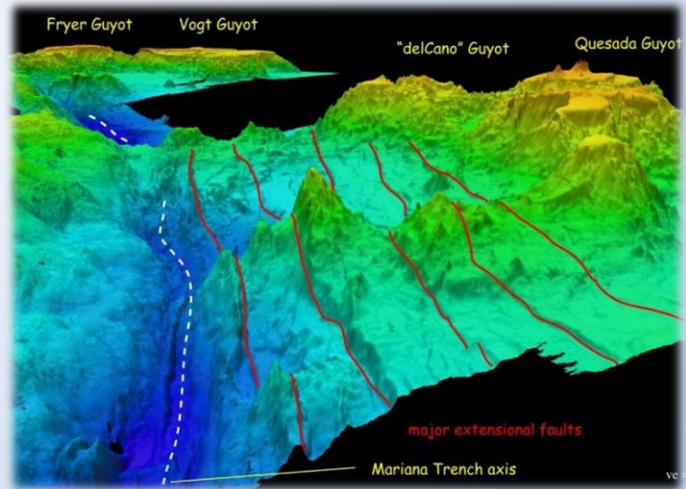
Part from clouds in the sky.
Much from underground.
Almost all rocks contain huge quantities of water.

Where did all the Water go to?

It is still in all the oceans –
70 % of the Earth's surface is water!
The deep ocean trenches are much deeper than mount Everest is high. If the surface were levelled the oceans would cover the earth to a depth of 1.7 miles!

From: “Ten questions creationists can't (honestly) answer”

No. 1: “The Genesis flood: Where did all that water come from? Where did it go?”



Did Dinosaurs Live Alongside Humans? Did They Survive the Flood?



Probably fake

- Soft tissues in dinosaur fossils.
- 14-C dating of dinosaur fossils.
- Widespread stories and legends of “dragons.”
- Ancient depictions and artefacts of dinosaurs.



Genuine rock painting

Did Dinosaurs live with Human Beings?

Prehistoric Clay and Terracotta Figurines from South America



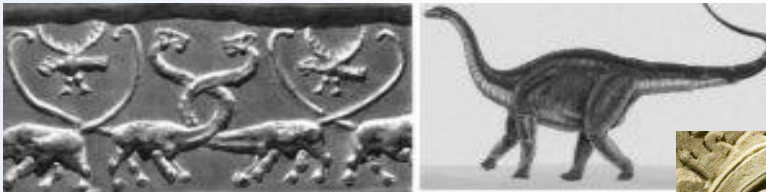
Nile Mosaic of Palestrina. Probably work of Demetrius the Topographer, from Alexandria who worked in Rome.



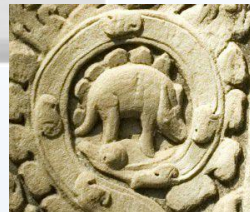
Dinosaur Side View



View from Above



Cylinder seal from ancient Mesopotamia



Stegosaurus carving from Temple in Cambodia built 1100 AD.

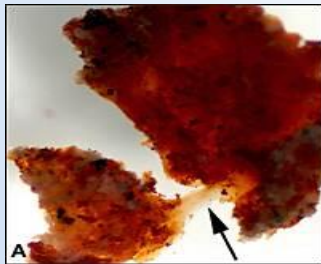
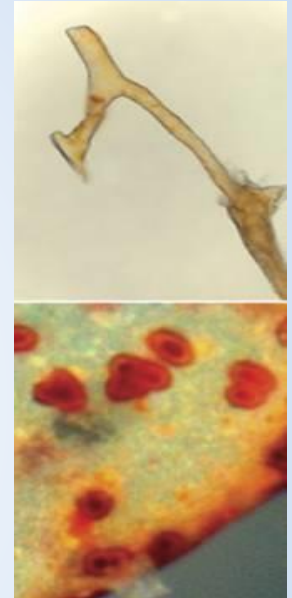
Soft Tissues and Blood Cells from T Rex Bones



Dr Mary Schweitzer



Rock containing dinosaur bone at Montana site. Supposedly 68 Million years old.

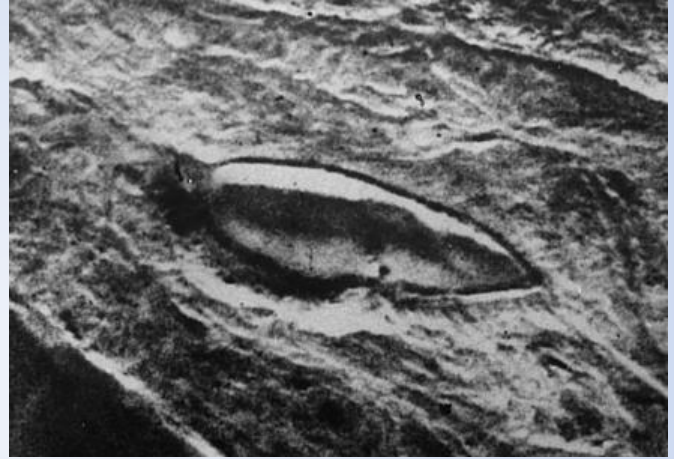


“fibrous matrix, transparent, flexible vessels, and preserved microstructures”

Schweitzer MH, et al. 2007, *Science*, 316: 277-280.

Asara JM, Schweitzer MH, et al. 2007, *Science*, 316: 280-284 ,

Have Remains of the Ark Been Discovered?



Aerial View of geological formation in
the Ararat Mountain range.

Contains no wood or organic material.

- The Mount Ararat range has attracted many expeditions in search of the Ark.
- It is covered in ice and snow so searches are difficult.
- Tales from Mediaeval times report finding remains of the ark – not substantiated.
- **There is no conclusive evidence of the Ark's location or survival; after all, it landed on the mountains about 4,500 years ago.**

Anchor Stones from the Ark?



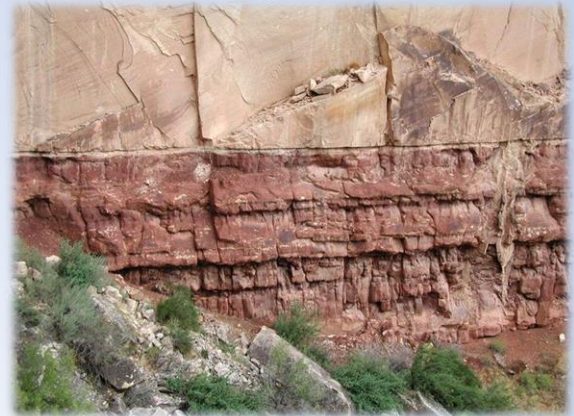
What Geological Evidence of a Flood is There?

Uniformitarianism → Actualism & Neo-catastrophism

1. Blankets of sediment cover immense areas (1000s km²) of continents.
 - Chalk cliff formations stretch from Ireland to Dover to Turkey
 - Great Artesian basin Australia.
 - Vast sandstone formations –dune-like, nothing comparable today.
2. Colossal Igneous provinces .
 - Columbia river Basalt group – 63,000 sq. miles of lava gushing from earth.
 - Others millions sq. km - today's volcanoes – utterly dwarfed.
3. Flat gaps – between horizontal layers of sediment – no erosion – missing millions of years between.

Evidences of a Comparatively Young Earth

- Note the Coconino sandstone layer in the Grand Canyon. It lies flat on top of the red Hermit shale layer. Supposed to be 12 M yr. gap! – Yet no sign of erosion!
- At present erosion rates continents would erode to sea level in 12 to 15 million years.
- Absence of major erosion in geologic record. Most strata lie flat on top of one another.



Coconino sandstone above Hermit Shale – supposed 12 M yr. gap!

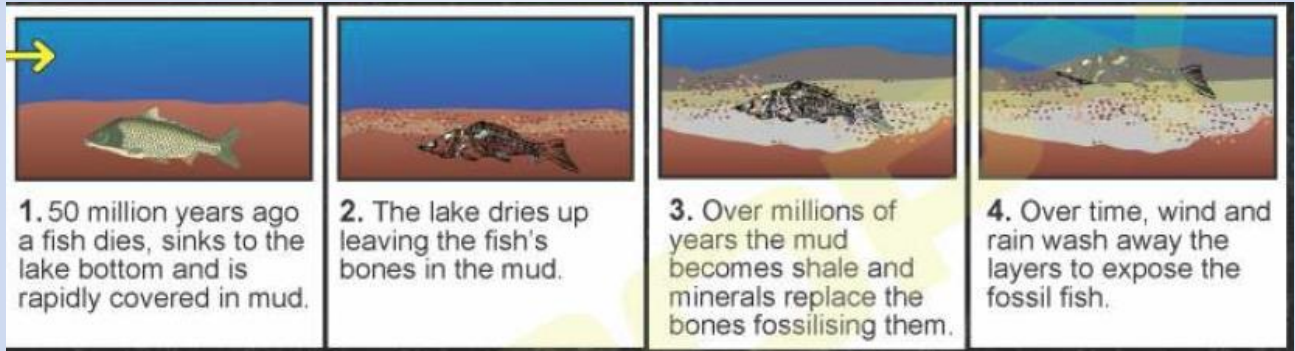


Strata in the Grand Canyon

What Geological Evidence of a Flood is There?

Uniformitarianism → Actualism & Neo-catastrophism

4. Fossilization: Many Museums have notices something like this:



Quite wrong!

In fact fossilization requires **rapid aqueous inundation**.

100s dinosaur bones – whole dino. herd in Mongolia buried in characteristic bent and extended dino posture – typical of drowning and sudden burial.

How Fossils Actually Form

(a) So fast this fish was buried in the act of vomiting

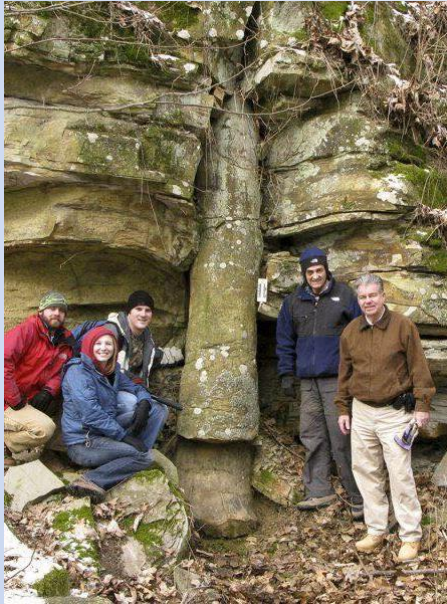


(b) So fast this fish is swallowing a smaller fish



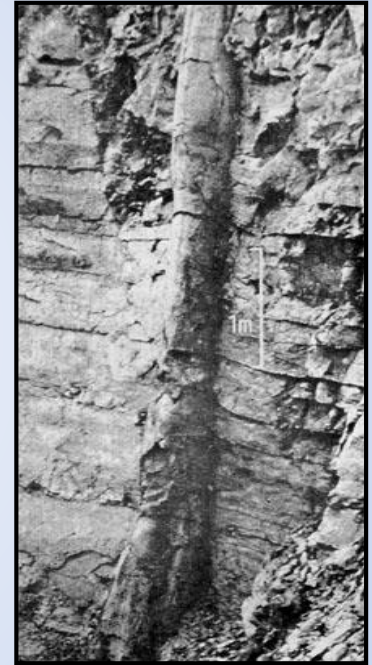
Thanks to John MacKay – “The Creation Guy” for photos

5. Polystrate Fossils & Clastic Dykes



Fossil trees (and animals) passing through several geological layers.

Clastic dykes – sandstone extruded from lower layer while soft into upper much younger layer.



What Geological Evidence of a Flood is There?

6. Giant Boulders transported vast distances in USA and Canada – some glacial - others not.

7. Coal: vast deposits on all continents.

Formation in swamps & bogs over millions of years not credible – no modern examples – no soil under coal – strata above and below water laid – clay layers – bands show sharp contrasts.

Evidence of water rafting then burial.

Coal can form in months with clay, pressure, heat.



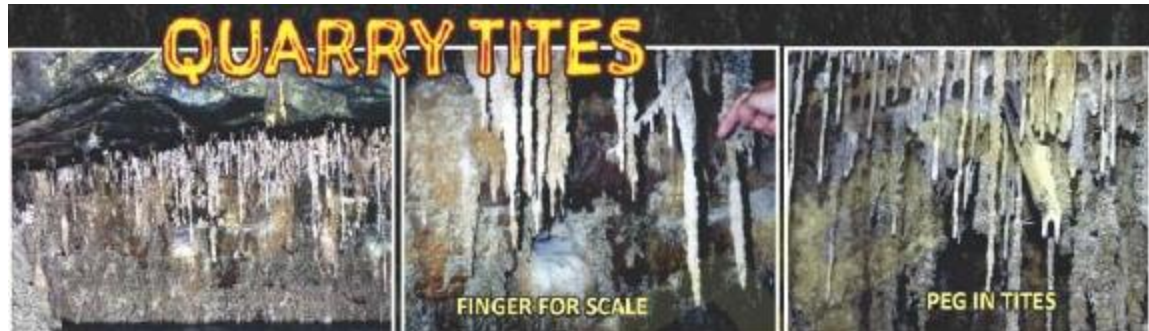
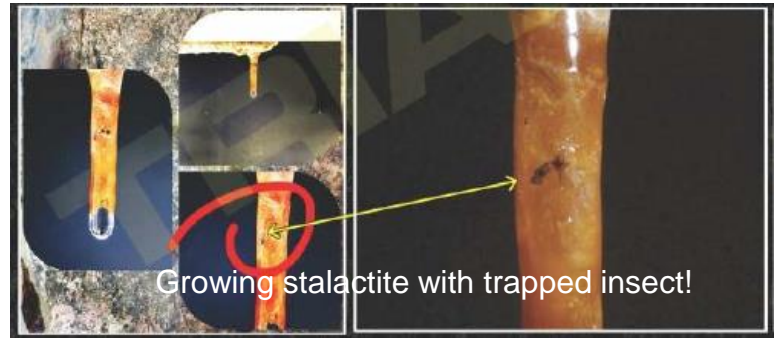
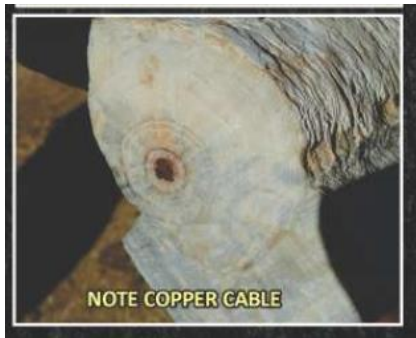
Coal
Seams



8. Rapid Formation of Stalactites & Stalagmites

Form rapidly in mines, caves. Round copper wire.

Trap insects.



Abandoned lime quarry east of Manchester, UK

Thanks to John MacKay – “The Creation Guy” for photos

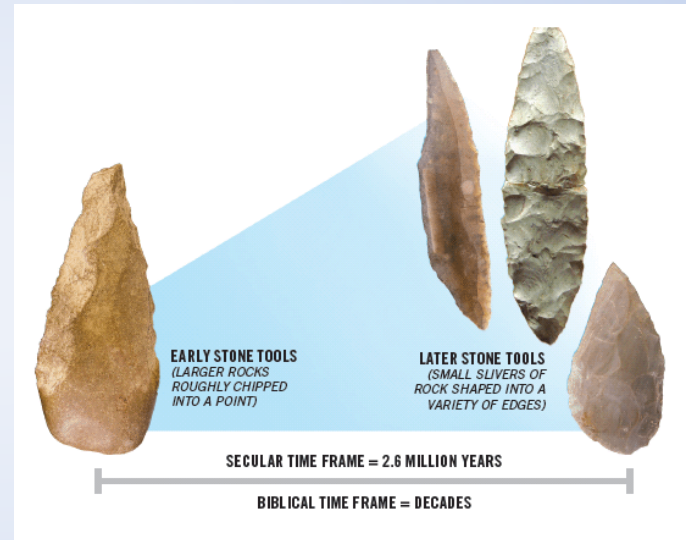
9. What about the Ice Age?

- Popular explanation in terms of Milankovitch cycles.
- Earth warms and cools on cycles of 40,000 and 100,000 years due to eccentricity of it's orbit and the precession of its angle of tilt.
- However, temperature variations rather small.
- Global flood gives rise to a warm ocean at the same time as a cool atmosphere. Hence increased precipitation as snow.



9. What about the Ice Age?

- The earliest stone tools have the same basic design, called Acheulean tools. They appear in most Ice Age layers.
- Then suddenly, near the end, lots of new styles were adopted, such as the Mousterian blades associated with Neanderthals.
- If the Ice Age lasted 2.6 million years, then human beings were making the same basic tools for at least 50,000 generations before any new ideas were invented! That scenario does not fit what we know about human ingenuity!



Petrified Forests?

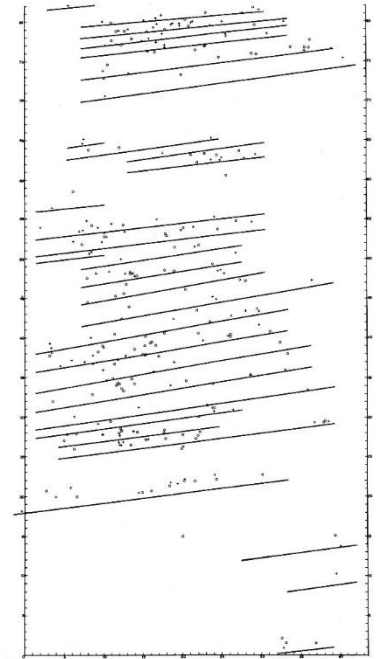
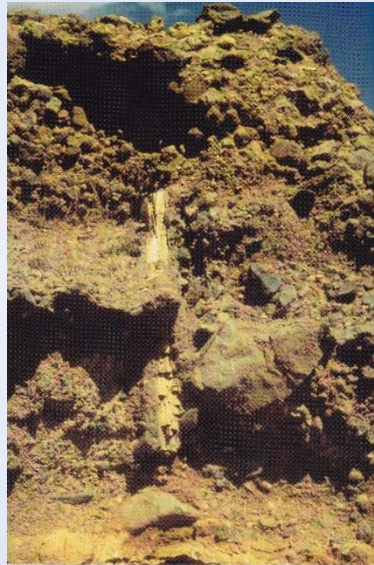
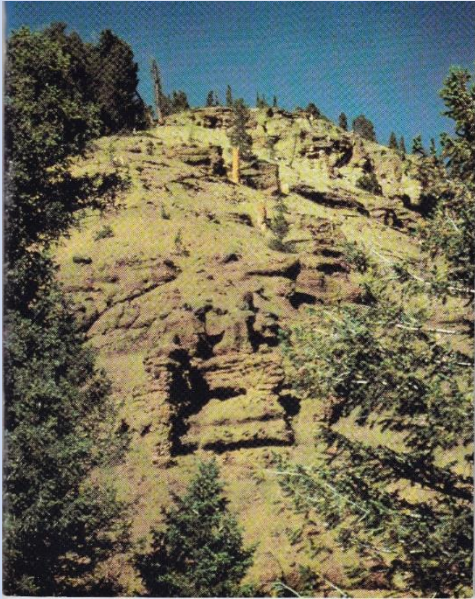


Figure 4. Plot of Mt. Hornaday Petrified Forest with 31 levels. Several more levels seen in the cliffs below were inaccessible. The solid lines are organic levels or levels upon which upright trees stand. Symbols: o = horizontal trees; + = upright trees.

Mount St. Helens & Spirit Lake



Spirit Lake 2 years after the eruption

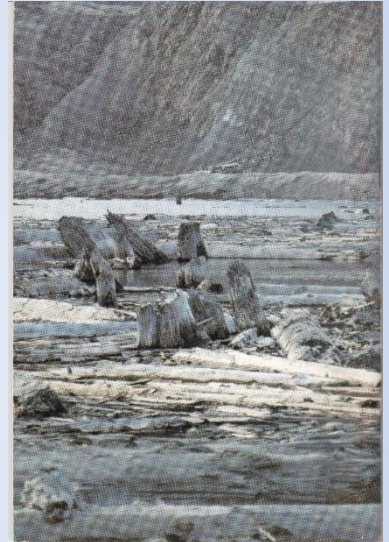
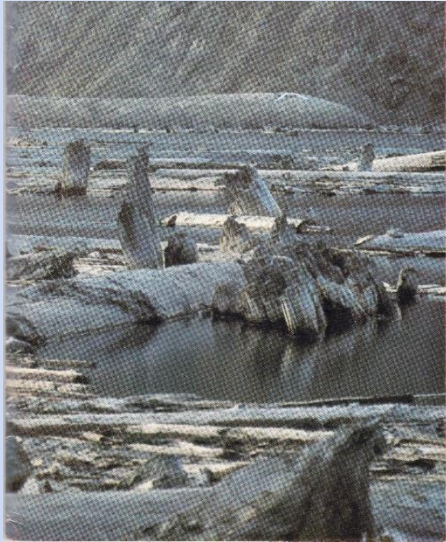
157 square miles of forests were blown down.

Including large trees (some 7ft. diameter).



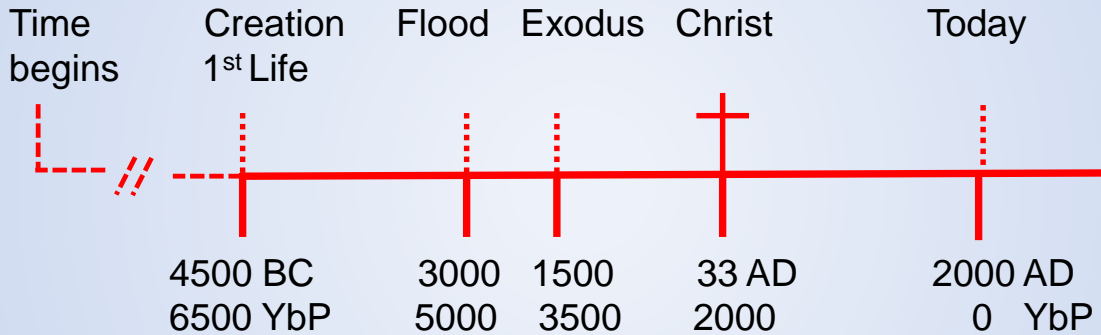
Spirit Lake – Near Mount St. Helens

Note upright trees



When Did the Flood Occur?

Based on the genealogies of the post-flood patriarchs:



Come and hear “Time and The Age of The Earth”
tomorrow - pm

Conclusions

1. **Scripture and Folklore agree – global flood happened.**
2. **Noah’s Ark was big enough for 16,000 animal & plant kinds.**
3. **Dinosaurs were on the Ark and survived the flood.**
4. **There is still sea water enough to cover the whole globe.**
5. **Remains of Ark not discovered.**
6. **Vast continent sized blankets of sedimentary rocks and igneous rocks explained by the flood.**
7. **Flat gaps and absence of erosional features between layers.**
8. **Rapid burial and formation of millions of fossils.**
9. **Polystrate trees and fossils.**
10. **Transport of giant boulders vast distances.**
11. **Formation of “Petrified forests.”**
12. **Global flood best explanation of Pleistocene Ice Age.**

**Much evidence supports the reality of a Global Flood
Confidence in the Scriptural account is rational and reasonable**

Resources

1. Very Interesting Video Lecture:
“Noah’s Ark and the Flood” with Dr. Georgia Purdom
<https://www.youtube.com/watch?v=6Ma-LP0UDtw>
2. Detailed book by John Woodmorappe “Noah’s Ark:
A feasibility Study” – Institute for Creation Research 1996
3. Useful Website: Answers in Genesis:
<https://answersingenesis.org/>
4. Useful Website: Geoscience Research Institute Loma Linda:
Helpful articles and videos: <https://www.grisda.org/>
5. Save up - then enjoy an educational holiday at “Ark Encounter”
Encounter theme park near Cincinnati (halfway between the
cities of Cincinnati and Lexington) - also features a zoo,
zip lines, and timber-frame restaurant!

Last Recorded Words of Some Famous People in Their Final Moments

“I'm bored with it all.”

Winston Spencer Churchill.

“I have a terrible headache.”

Franklin Delano Roosevelt.

“My God. What's happened?”

Diana, Princess of Wales.

“It's all been very interesting.”

Lady Mary Wortley Montagu.

“Well, this is certainly a pleasant surprise.”

Andrew Mutton.

“I know in whom I have believed.”

Ellen G. White.

The End



Thank you for Listening

Questions?



"If you think you're too small to make a difference, try sleeping with a mosquito."

"Education is the ability to listen to almost anything without losing your temper." Robert Frost