



# OBSERVABLE universe

Our observable universe extends more than  $10^{25}$  meters in every direction. While the entire universe may be boundless, the part we can observe does have an edge. Our cosmic horizon is at the distance from which light must travel for the entire age of the universe

to reach our location in space. Light from beyond this horizon has not yet had enough time to reach us, even if it started its journey when the universe began. In our 13 billion-year-old universe, the cosmic horizon is 13 billion light-years away.

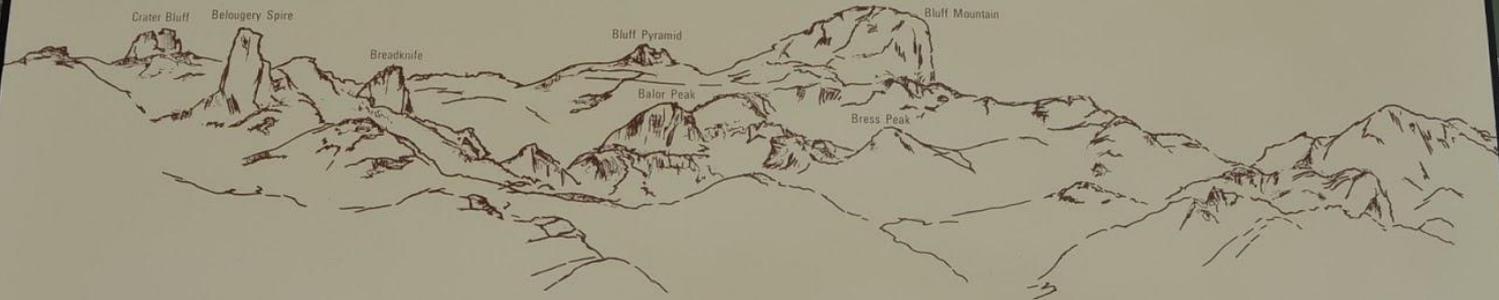


$10^{26}$   $10^{25}$   $10^{24}$   $10^{23}$   $10^{22}$   $10^{21}$   $10^{20}$   $10^{19}$   $10^{18}$   $10^{17}$   $10^{16}$   $10^{15}$   $10^{14}$   $10^{13}$   $10^{12}$   $10^{11}$   $10^{10}$   $10^9$   $10^8$   $10^7$   $10^6$   $10^5$   $10^4$   $10^3$   $10^2$   $10^1$   $10^0$

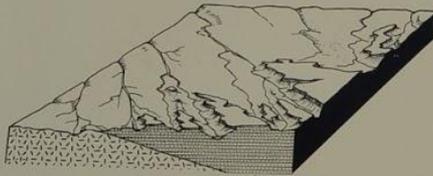
100,000,000,000,000,000,000,000,000

13 billion-year-old universe – Rose Center for Earth and Space (New York City)

# Whitegum

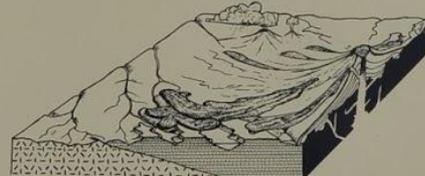


## Formation of the Warrumbungle Ranges



18 million years ago

- the pre-volcanic landscape of this area was one of mature stage similar to deserts of inland Australia.
- remnants of sandstone formed isolated flat-topped hills.



13-17 million years ago

- a swelling of molten rock reached the surface, forming a symmetrical, low volcano, with subsidiary vents.
- the main cone probably rose 1000 metres above the plains, with a diameter of 50 kilometres and a lava volume of about 500 cubic kilometres.



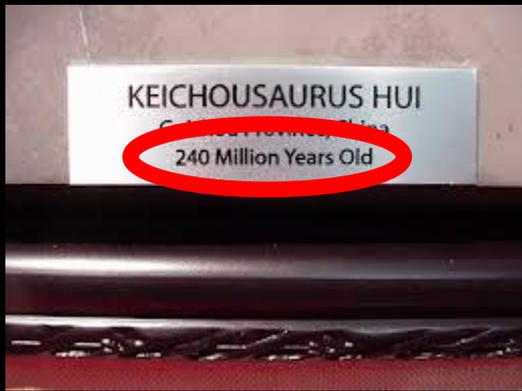
Present day

- after millions of years of wind and water erosion only the resistant spires and domes of the volcanoes remain.
- Crater Bluff is presumed to be the main vent of the extinct volcano with Beloungery Spire as a subsidiary vent and the Breadknife was a fracture filled with magma.

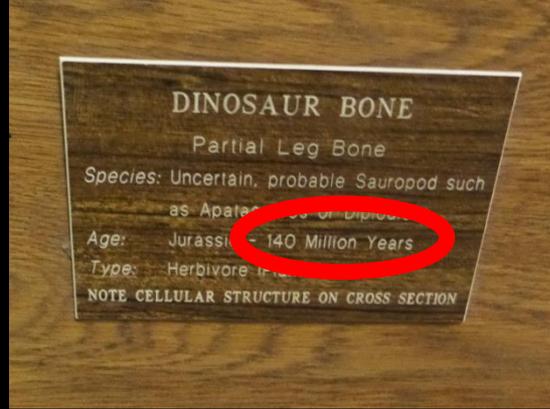
Produced by Mines and Energy, SA

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Warrumbungle Ranges – Volcanic activity 13-17 million years ago (Australian Outback)



**Keichousaurus Hui Fossil – 240 million Years Old – Guizhou Province, China**



**Dinosaur leg – 140 million Years Old – Crystal Forest Museum (Holbrook, AZ)**



**Megatooth shark – 5 million years ago – West Coast Fossil Park – South Africa**



**Limestone – 750 million years old – Trail of Time (Grand Canyon)**

“Evolution of the animal and plant world is considered by all those entitled to judgment to be a fact for which no further proof is needed.”

- *Richard Goldschmidt, macro-evolution expert*

“It has for many years been well established scientifically that all known forms of life, including man, have come into being by a lengthy process of evolution. There are no hypotheses, alternative to the principle of evolution with its “tree of life,” that any competent biologist of today takes seriously. Moreover, the principle is so important for an understanding of the world we live in and of ourselves that the public in general, including students taking biology in high school, should be made aware of it, and of the fact that it is firmly established even as the rotundity of the earth is firmly established.”

- *Herman J. Muller, Nobel laureate and signed by a large number of prominent scientists, including a number of other Nobel laureates.*

# 1 day = 1,000 years

## 2 Peter 3:8

<sup>7</sup>But by his word the present heavens and earth are being reserved for fire, kept for the day of judgment and destruction of ungodly men.

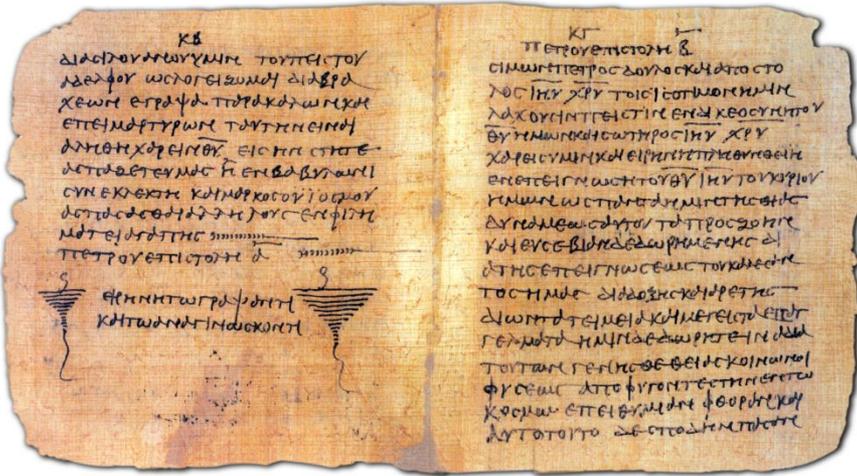
<sup>8</sup>But do not let this one fact escape your notice, beloved, that with the Lord one day is like a thousand years, and a thousand years like one day.

<sup>9</sup>The Lord is not slow about His promise, as some count slowness, but is patient toward you, not wishing for any to perish but for all to come to repentance.

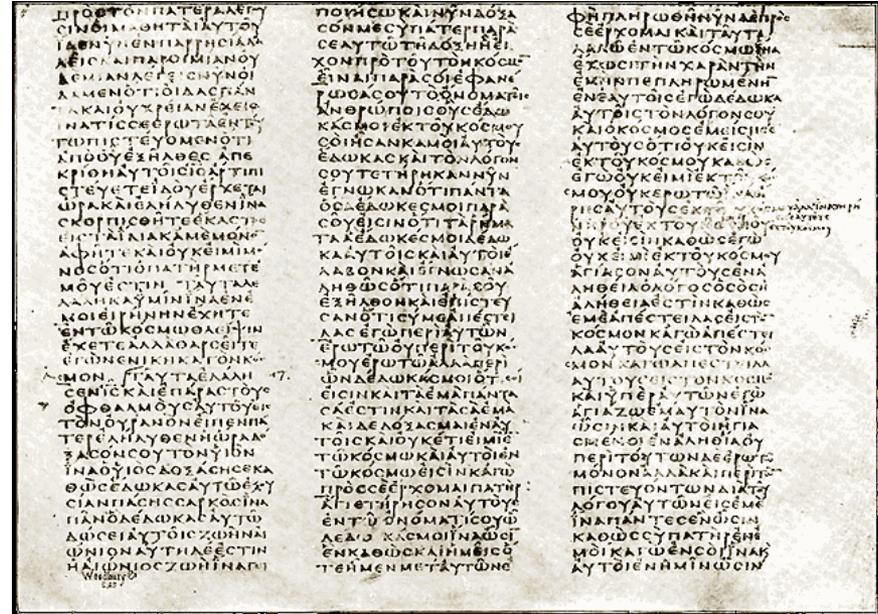
## 2 Peter 3:3-7

Knowing this first: that 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.

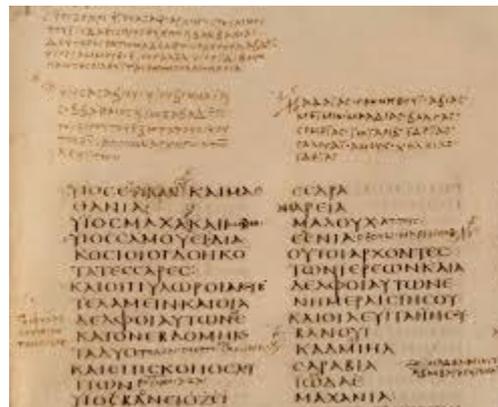
# Earliest Manuscripts of 2 Peter



Papyrus 72, 3<sup>rd</sup> or 4<sup>th</sup> Century  
(280-320 A.D.)



Codex Vaticanus, 4<sup>th</sup> Century (325-350 A.D.)



Codex Sinaiticus  
Mid-4<sup>th</sup> Century  
(340-350 A.D.)

# 2 Peter 3:3-4

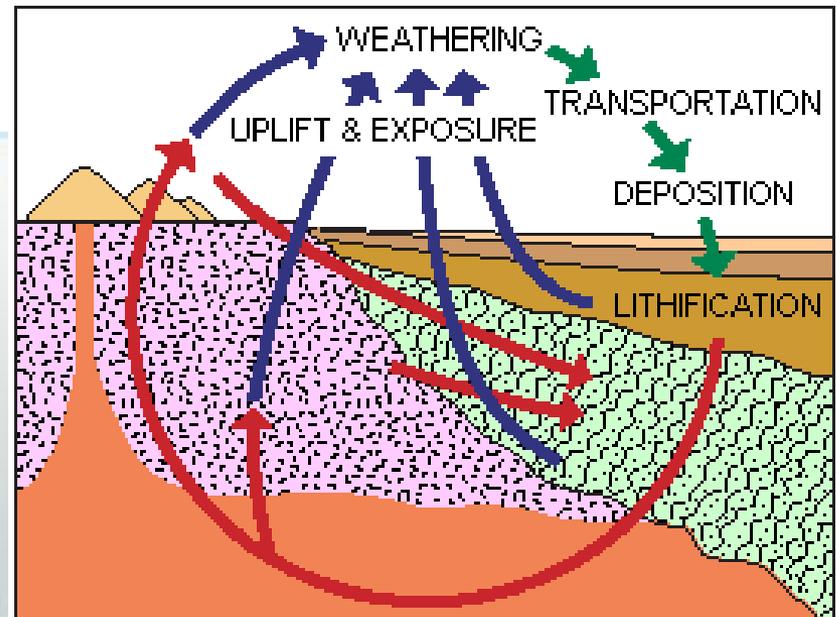
*Knowing this first: that scoffers will come in the last days, walking according to their lusts, and saying, “Where is the promise of His coming? For since the fathers fell asleep, all things continue as they were from the beginning of creation.”*

*“the present is the key to the past”*

UNIFORMITARINISM

## Uniformitarianism (Gradualism)

the theory that Earth's features are mostly accounted for by gradual, small-scale processes that occurred over long periods of time





Grand Canyon



Yeager Rock – Waterville Plateau, WA

# Brisbane Flood 2011

- A creek bed in the Lockyer Valley has revealed two meters (6.56 ft.) of solid sandstone carved away in a 24-hour period, a feat that would take hundreds of thousands of years to achieve under normal water flow conditions.
- Estimates by scientists from the University of Queensland have put the flow of water in the normally quiet creek somewhere between 100 and 200 kilometers per hour (62.13 and 124.27 miles/hour).
- Enormous boulders, some the size of 4 or 5 cars were literally picked up and moved.
- The Boulders weren't just rolled along, they were suspended in the water and moved kilometers from where they were picked up...

**COMMUNITY**

## History revealed in a creek

A CREEK bed in the Lockyer Valley has revealed two metres of solid sandstone carved away in a 24-hour period, a feat that would take hundreds of thousands of years to achieve under normal water flow conditions.

Lockyer Valley mayor Steve Jones said the site is a significant scientific find as it not only highlights the sheer ferocity of the water flow in the area, but also shows events such as this are more common than we believe.

"Estimates by scientists from the University of Queensland have put the flow of water in the normally quiet creek somewhere between 100 and 200 kilometres an hour," Cr Jones said.

"Enormous boulders, some the size of four or five cars were literally picked up and moved.

"The boulders weren't just rolled along, they were suspended in the water and moved kilometres from where they were picked up.

"The erosion has also exposed a series of past riverbeds proving major flooding has occurred before.

"Scientists have applied to study the area and undertake carbon dating, a process which will conclusively prove how often flooding of that magnitude occurs.

"The study, if approved and funded, will provide invaluable information.

"The sheer scale and magnitude of what occurred at this site is nothing short of astounding.

"To think water did in a day what should have taken hundreds of thousands of years under normal water conditions is astonishing."

Flood event does in a day what Mother Nature would take 100s of years to do...

### Improving your future energy supply

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positive energy

**ENERGEX Reliability improvements for Vernal**

ENERGEX is continuing to upgrade parts of the electricity network in the Western region as part of our flood improvement projects. Crews will commence work in Vernal in the first week of December and we anticipate completion by the end of the month.

**Generators**  
To avoid power disruptions to residents, generators will be connected to the network. Refer to the map for the location.

**Onsite safety**  
To ensure public safety, traffic management officers will be employed throughout the work areas and control measures such as safety barriers and signage will be in place.

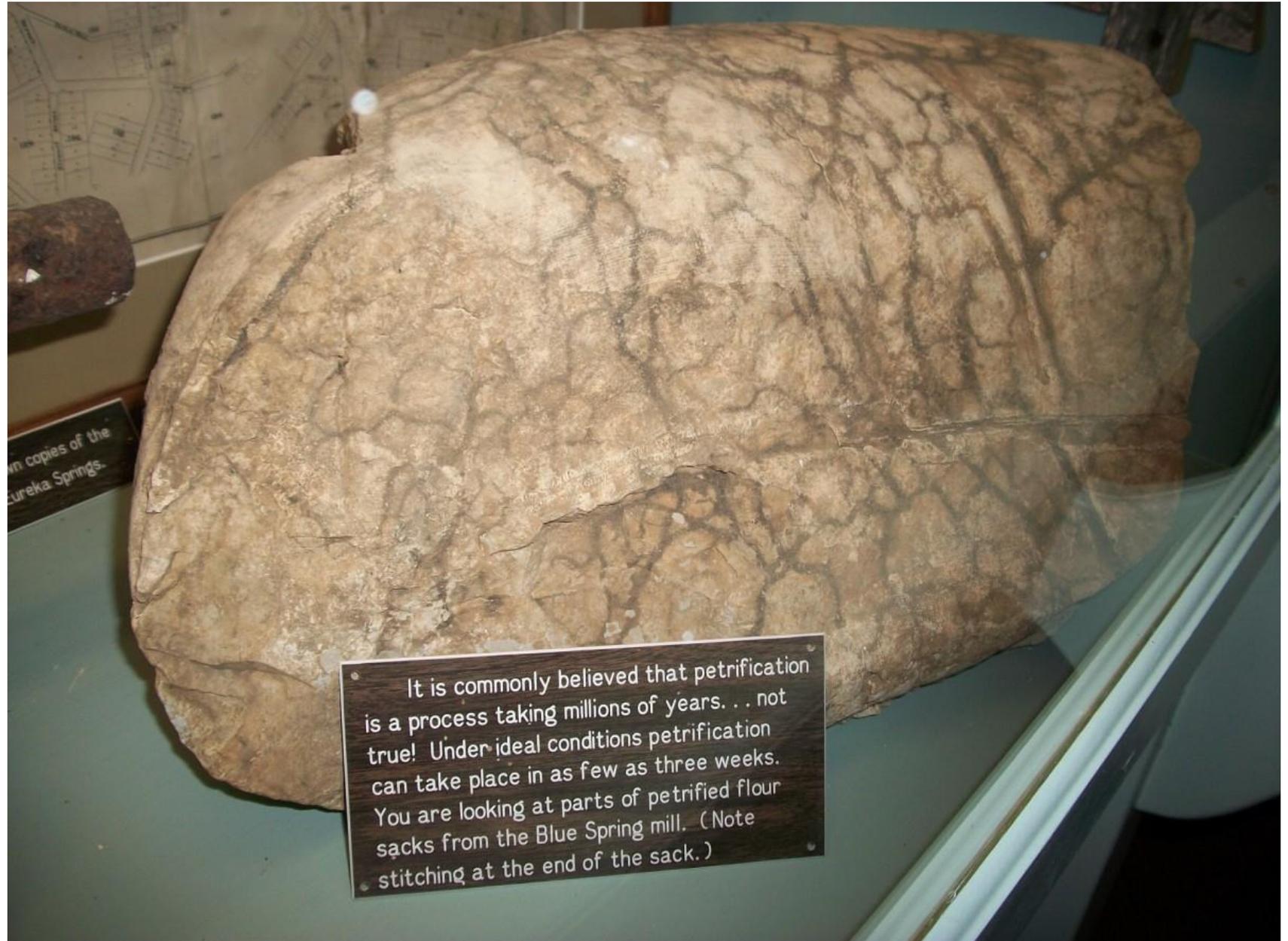
www.energenx.com.au



INFORMATION: A creek bed in the north of the Lockyer Valley has revealed two metres of solid sandstone carved away in a 24-hour period.

# Fossil Record

Fossilization is a process that can take anything from a few hours to millions of years... The amount of time that it takes for a bone to become completely permineralized is highly variable. If the groundwater is highly laden with minerals in solution the process can happen rapidly. Modern bones that fall into mineral springs can become permineralized within a matter of weeks.”

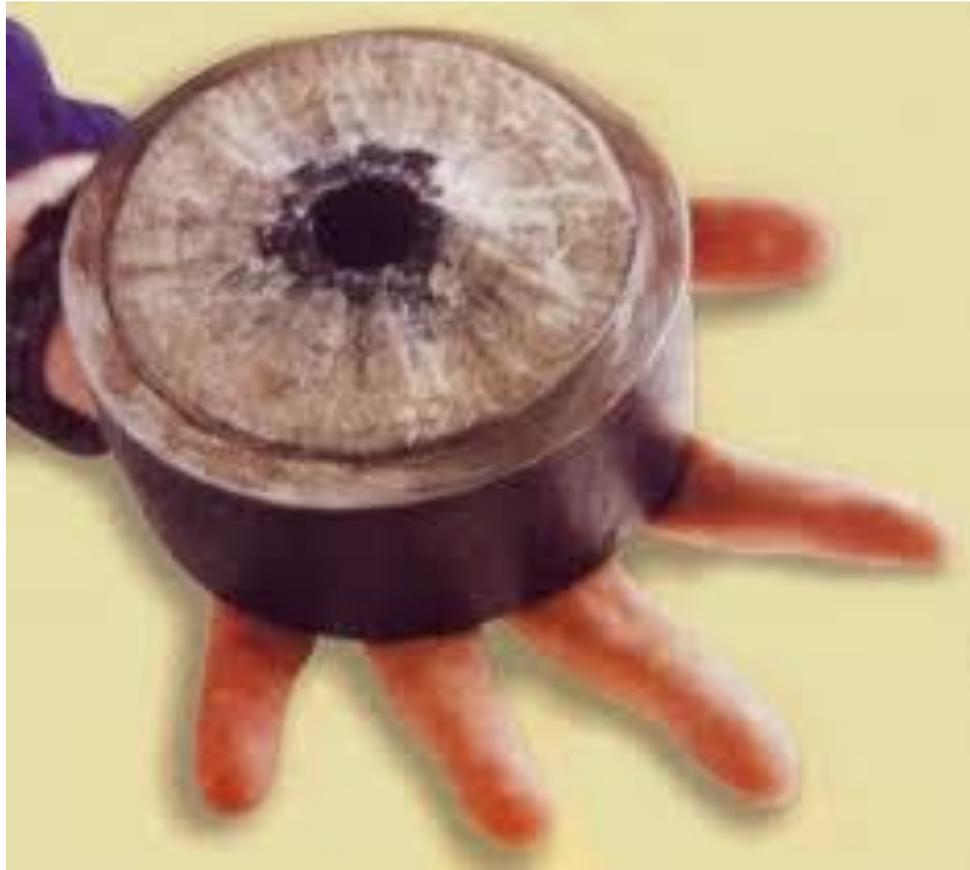


It is commonly believed that petrification is a process taking millions of years. . . not true! Under ideal conditions petrification can take place in as few as three weeks. You are looking at parts of petrified flour sacks from the Blue Spring mill. (Note stitching at the end of the sack.)

copies of the  
ureka Springs.



Petrified Waterwheel – Entombed in solid rock in less than 65 years –  
Cape Leeuwin (Western Australia)



### Sonat Minerals 16-1 natural gas well (Louisiana)

- Pipeline opened March 1997.
- Shut down in June 1997 (3 months later).
- Massive amounts of 'scale' (hard dense rock, 84% calcium carbonate) was chocking the flow.
- Pressurized water and mechanical methods were not successful in removing layered rock.
- Pipe was replaced.

# Dissolved mineral sources and significance

**Groundwater increases in mineral content as it**

**... All the fountains of the great  
deep burst open...  
- Genesis 7: 11**

**additional substances.**

National Ground Water Association.

<http://www.ngwa.org/Fundamentals/studying/Pages/Dissolved-mineral-sources-and-significance.aspx>

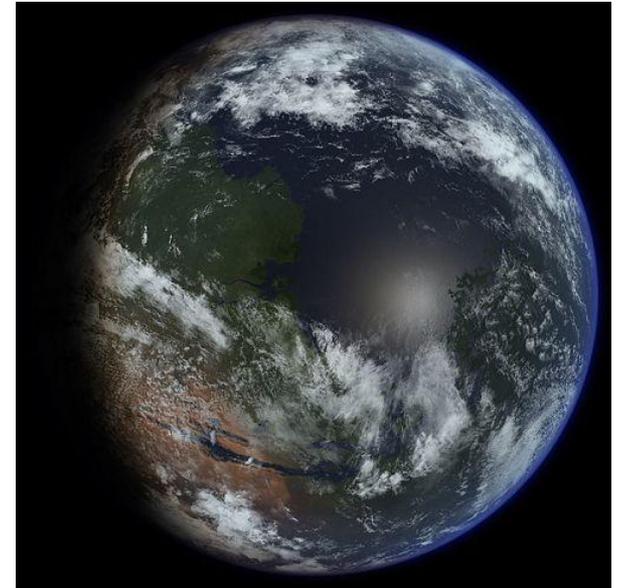
# 2 Peter 3:5,6

*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 water, by which the world that then existed perished, being flooded with water.*



# Flood on Mars

- Volcanic activity spawned the warm and wet environment necessary to foster life.
- Running water carved out the Martian surface.
- A Noachian epoch (3.8 to 3.5 billion years ago) in which Mars was, at times, covered, globally, in 400 feet of water.



- New York Times, <http://www.nytimes.com/2001/03/16/science/16reuters-mars.html>
- Time Magazine, <http://science.time.com/2013/03/11/the-great-and-recent-martian-flood/>

An illustration of a red umbrella with a black handle and a red grip, tilted to the left. The background is a dark blue sky with white diagonal lines representing rain falling from the top left. The entire scene is set within a blue rectangular frame with a white border.

NOAH'S FLOOD

**8712 INCHES PER HOUR = NONSENSE.  
WHAT OTHER BIBLICAL NONSENSE IS THERE?**

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[FREETHOUGHTALLIANCE.ORG](http://FREETHOUGHTALLIANCE.ORG)



[BACKYARDSKEPTICS.COM](http://BACKYARDSKEPTICS.COM)

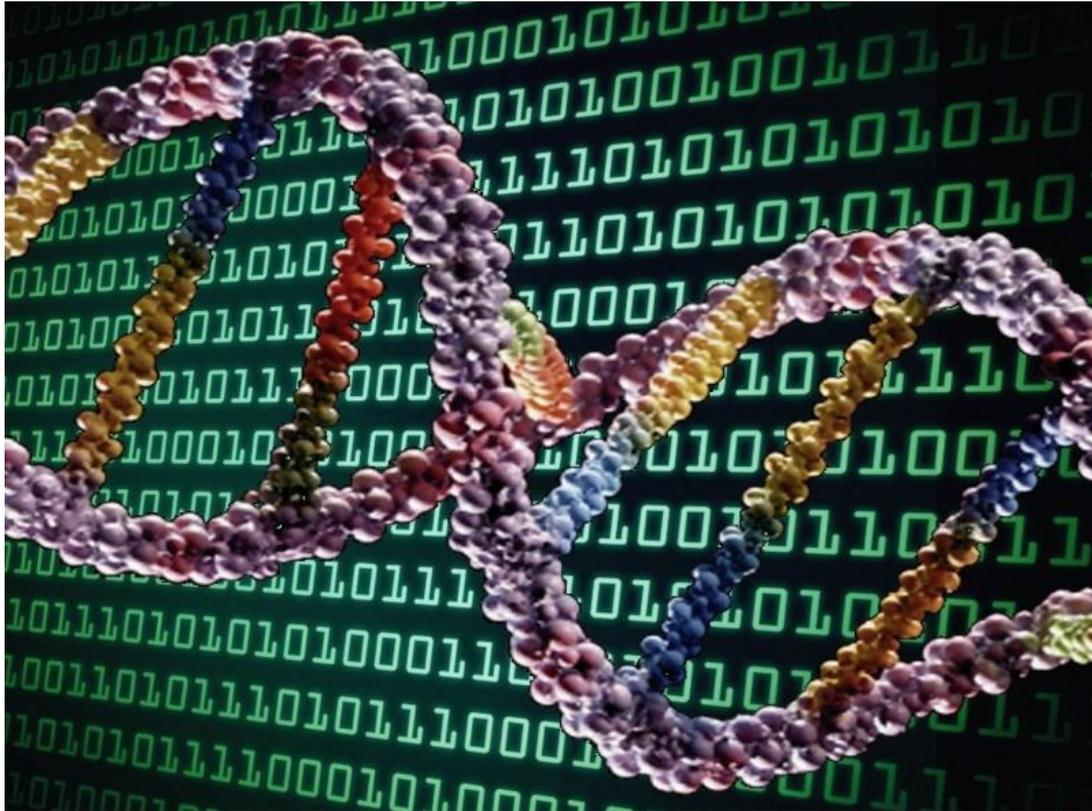


# Kinds vs. Species

- Genesis 5:19, 20
  - <sup>19</sup> And of every living thing of all flesh, two of every sort shalt thou bring into the ark, to keep them alive with thee; they shall be male and female.
  - <sup>20</sup> Of fowls after their kind, and of cattle after their kind, of every creeping thing of the earth after his kind, two of every sort shall come unto thee, to keep them alive.
- Genesis 6:2,3
  - <sup>2</sup> Of every clean beast thou shalt take to thee by sevens, the male and his female: and of beasts that are not clean by two, the male and his female.
  - <sup>3</sup> Of fowls also of the air by sevens, the male and the female; to keep seed alive upon the face of all the earth.

If all the features of all the species that have ever lived were to be loaded onto DNA, the resulting total volume of DNA would fill only a portion of a teaspoon with enough space left over the rest of the teaspoon to contain all of the books that have ever been written.

- G.G. Simpson, Paleontologist and major participant in modern evolutionary synthesis.



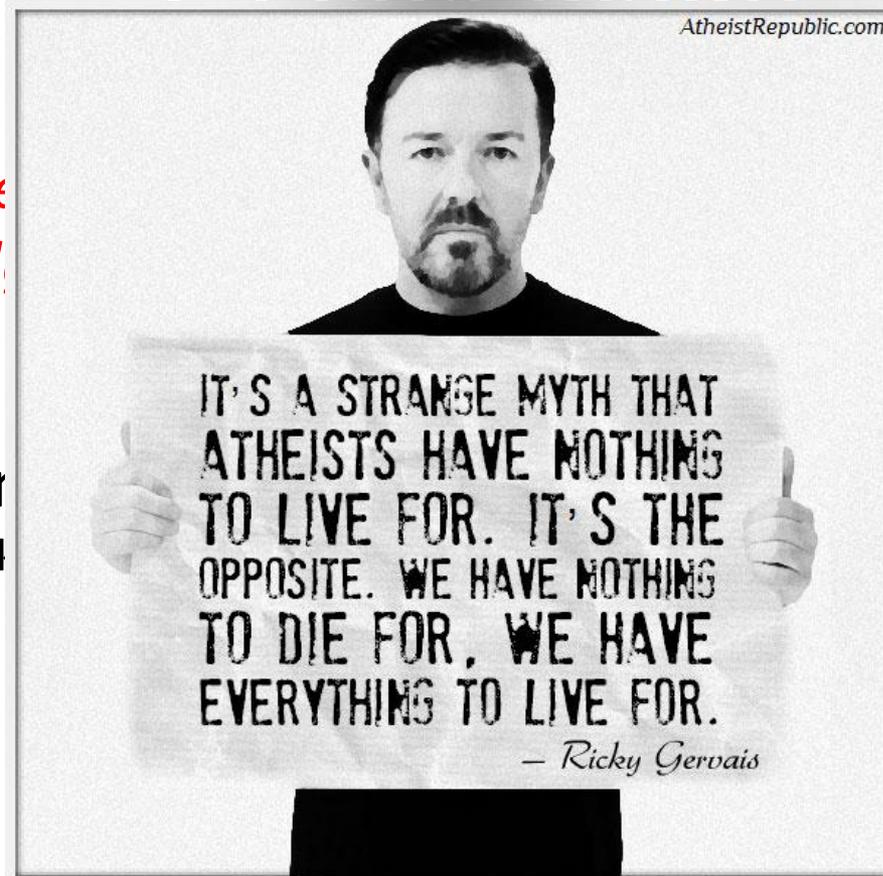
Each human has 60 Zettabytes (1 zettabyte = 1 Trillion Gigabytes) of information

<http://www.dailymail.co.uk/sciencetech/article-2680849/How-gigabytes-does-make-HUMAN-Physicians-works-genetic-code-just-1-5GB-data.html>

# 2 Peter 3:5a-7

*For this they  
are now preserved  
the day of judgment.*

“If there is no  
-Fyodor Dostoevsk



*the earth which  
was reserved for fire until  
now.*

ed.”

## 2 Peter 3:10-11

But the day of the Lord will come as a thief in the night, in which the heavens will pass away with a great noise, and the elements will melt with fervent heat; both the earth and the works that are in it will be burned up. Therefore, since all these things will be dissolved, what manner of persons ought you to be in holy conduct and godliness