



PART

1

Do we know where
we come from?



Does
science
deny God?



**Does science deny the
existence of God?**



A large majority of people
would say...



Yes.



Why?



It's easy: Science is based
on scientific evidence,



while faith is more of a
belief in God.



And faith is not scientific.
It is ethereal, immaterial.



There are those who would go further and affirm that God **doesn't exist** because it is



Scientifically proven.



But is that true?



**What do we know about
our origins?**



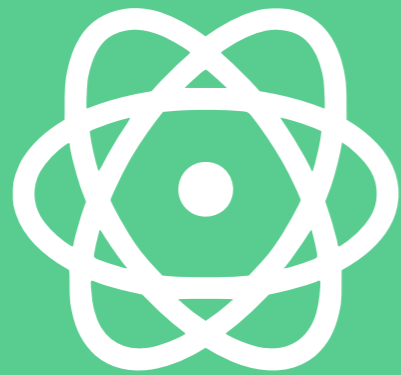
Today, do we truly understand how the Universe came about?



**Do we know where life
came from?**



Are we certain of our origins?



Only Science can give us
valid answers to these
questions.



**It isn't easy to discover,
contrary to popular
opinion.**



Opinions are mixed with science. Ideology presented as a science, which leads to noise and confusion.

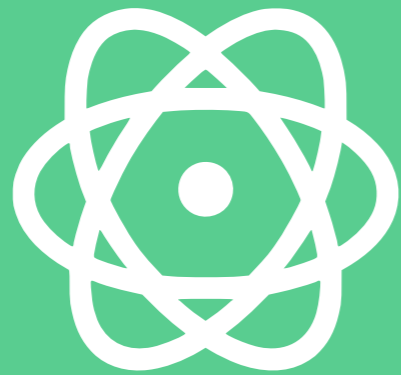


Opinions are mixed with science. **Ideology** presented as a science, which leads to noise and confusion.



There are studies¹ that show how **unreliable studies have become, stating that most of the 3 million scientific studies that are annually published lack scientific relevance.**

1) *Why Most Published Research Findings Are False* of John P. A. Ioannidis (2005).



Despite all of that, in the midst of all the confusion, we can still find Science's answer to this transcendent question:



To what or to whom
do we owe our existence?



If we truly value our own existence, then it is essential to answer the question:



Where do we come from?



Those who don't know where they came from, don't know where they are going.



**Those who lose their
origins, lose their identity.**



The scientific truth is simple. Just listen to what scientists are saying.



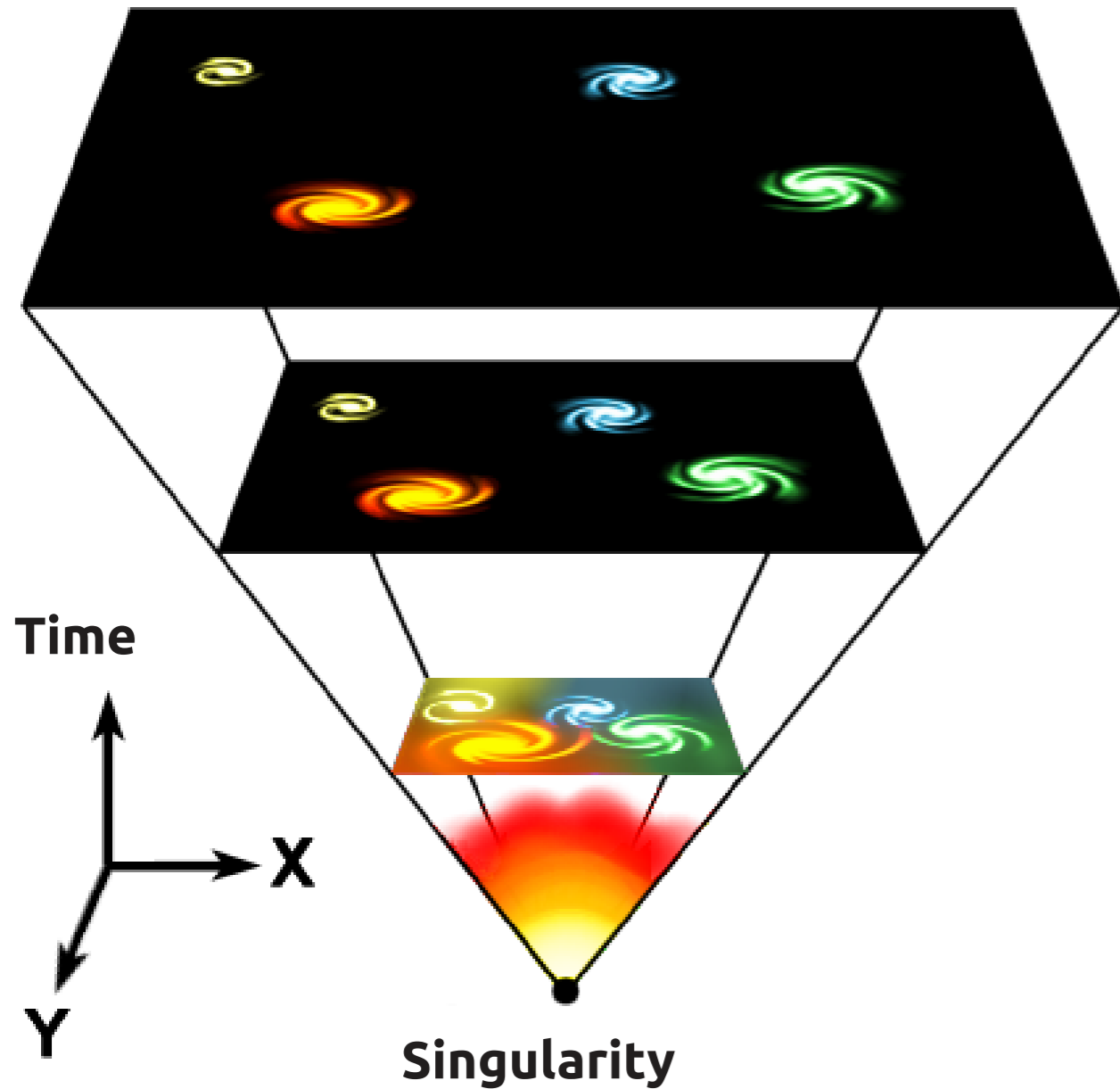
No interference.



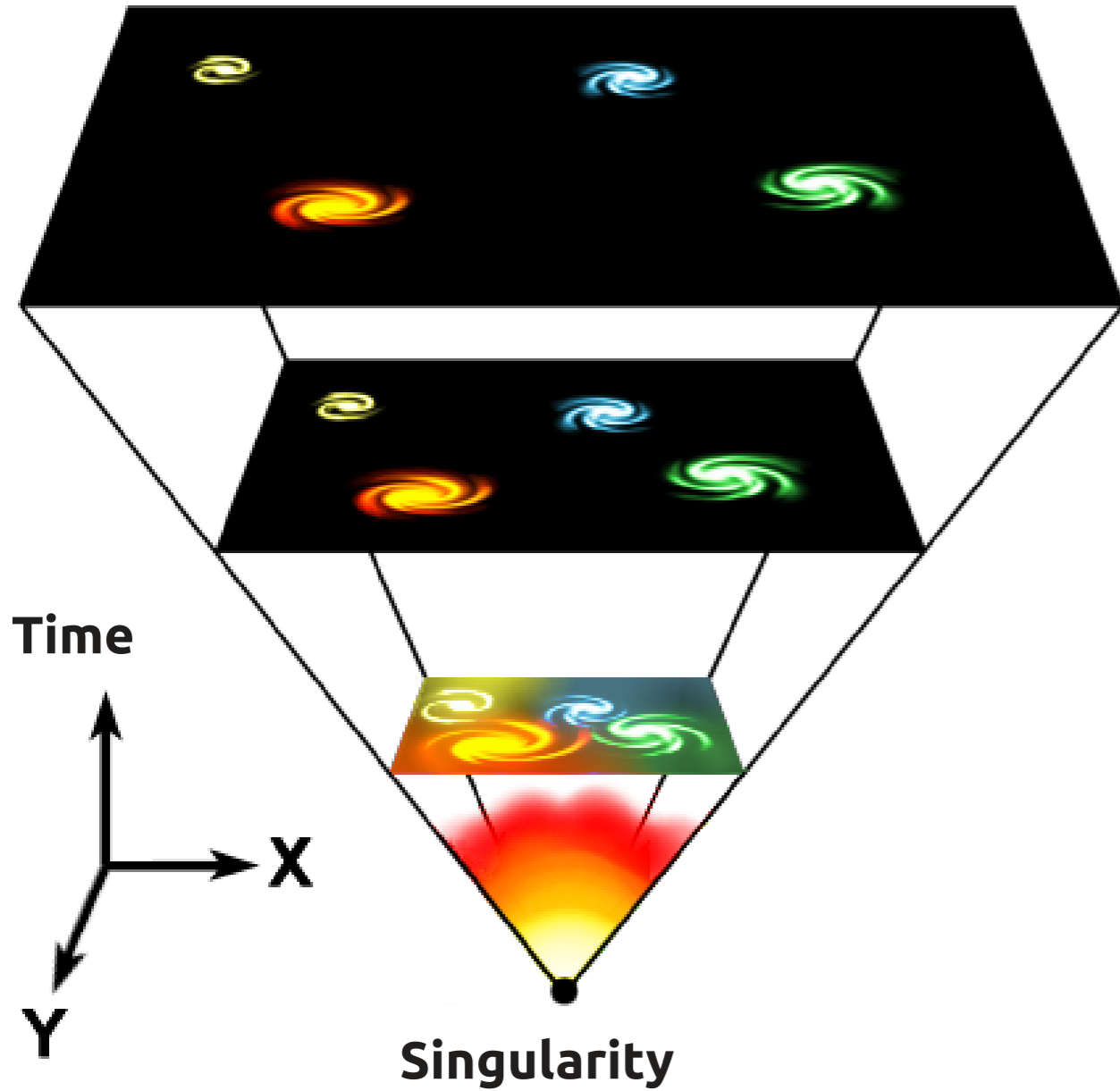
And once you have heard what they have to say, draw your own conclusions!



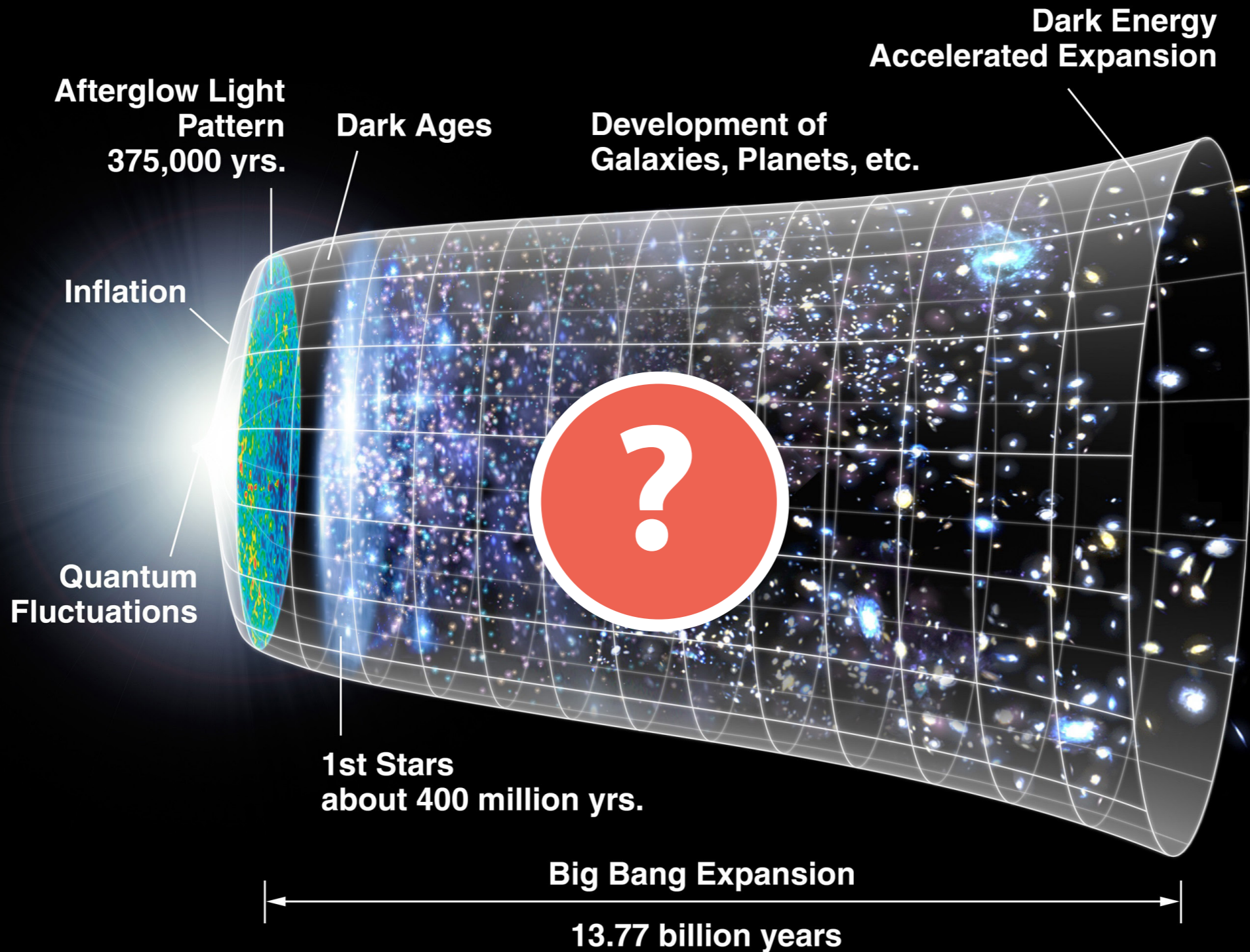
Is everything we know
about our origins
scientific?



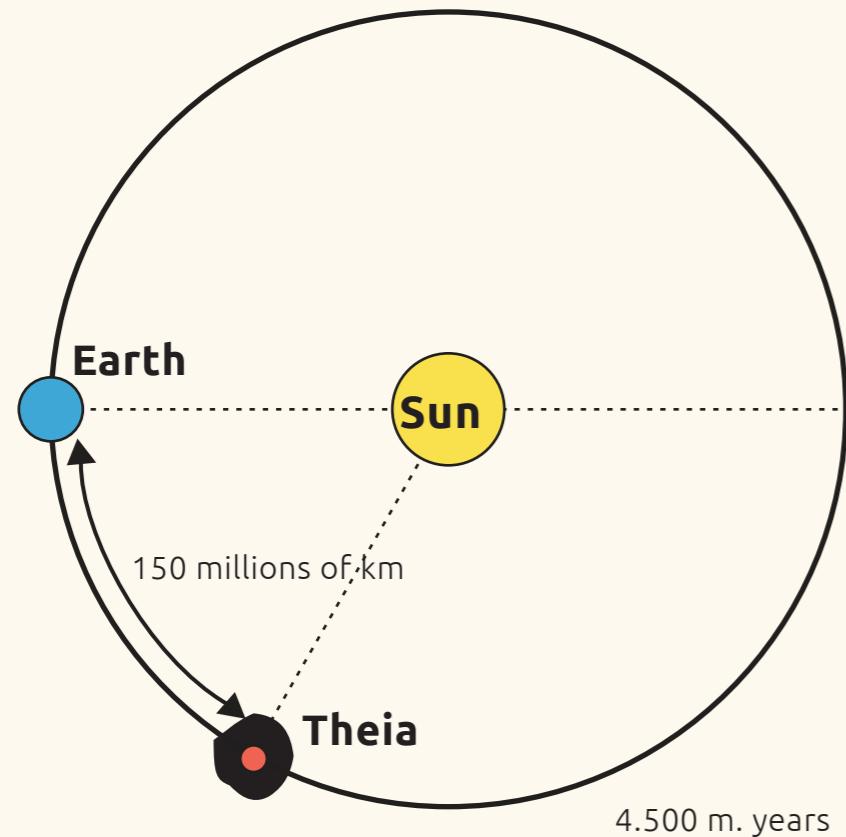
We have been told that the Universe comes from an initial explosion called the Big Bang² which formed the current planets and all the constellations.



But is this scientifically proven?



Universe expansion time line. Creative Commons CC0 1.0
Public Domain. NASA, Ryan Kaldari. 2015.

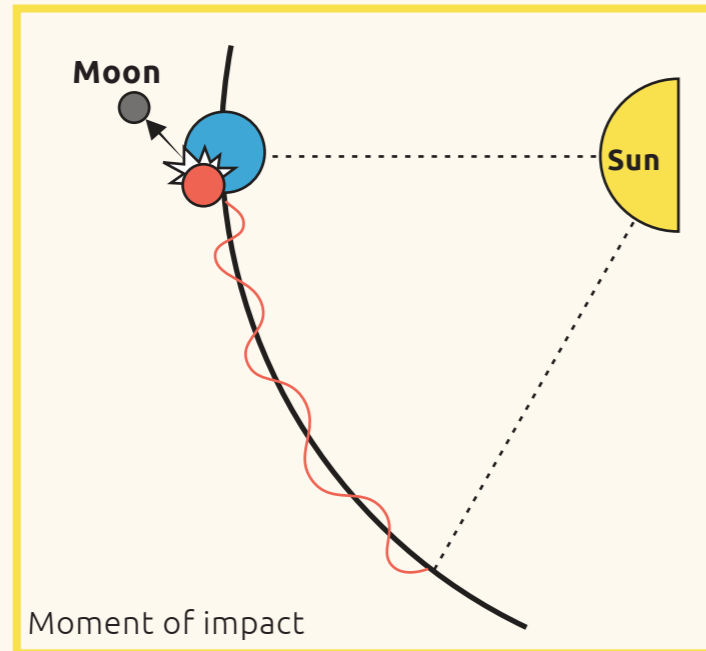
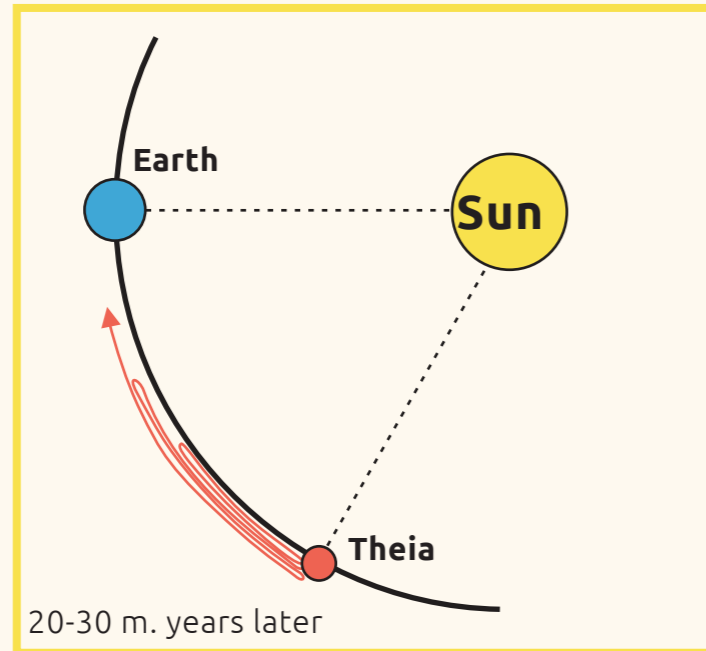


Big Splash. Diagram 1.
Commons' image. Muriel Gottrop (2007).

We have been taught (though very few remember) that the Moon originated 4.533 million years ago, as a result of shock between the ‘young’ Earth and a planet the size of Mars, called Theia.³

3) *Origin of the Moon* by William Hartmann, along with Geoffry Taylor and Roger Phillips. (1986).

https://en.wikipedia.org/wiki/Giant-impact_hypothesis

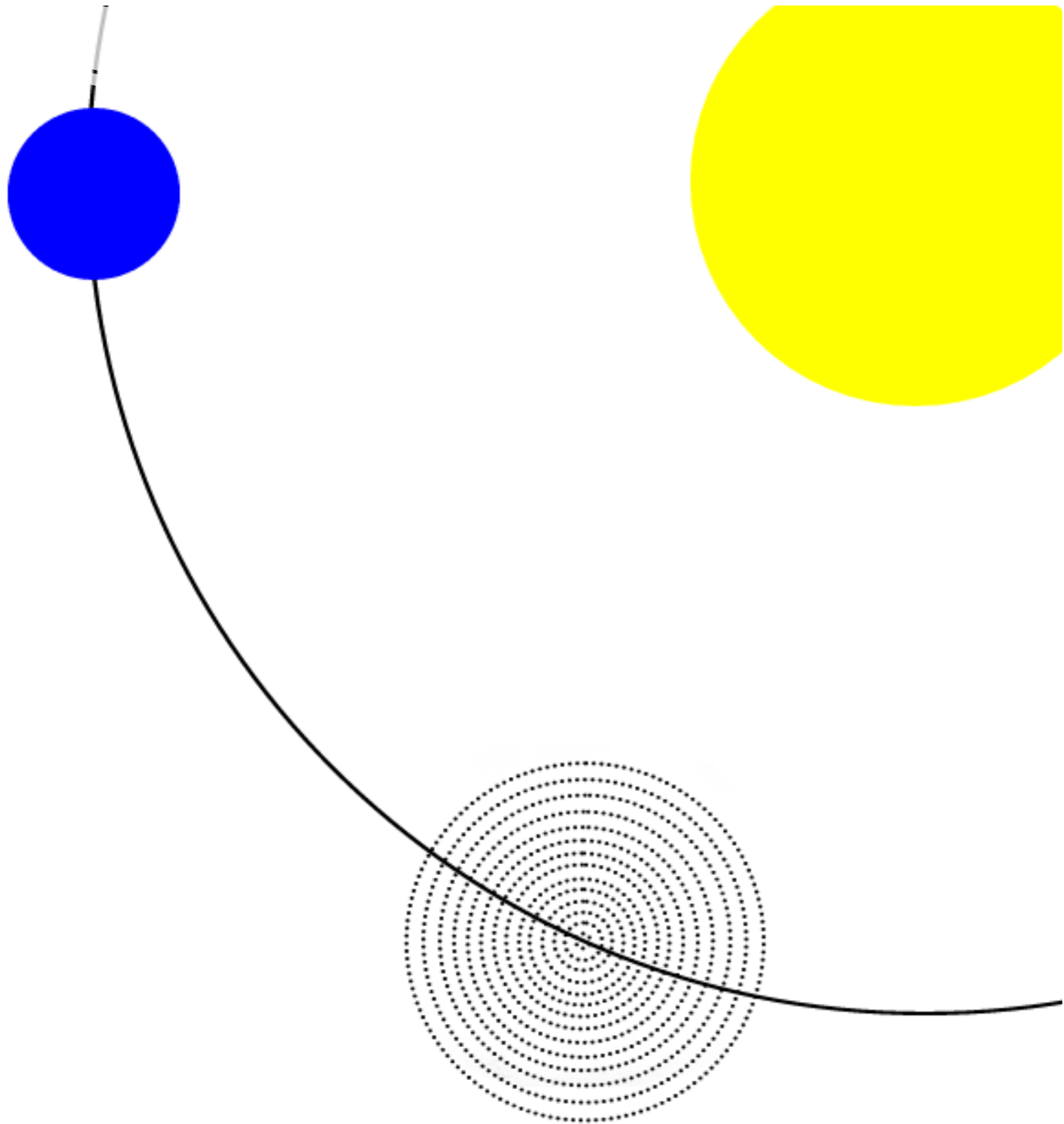


This planet, when colliding violently with the Earth, **ripped** some pieces that went off and ended up forming **the Moon** during the time lapse that goes between 1 and 100 years after the impact.³

Big Splash. Diagram 2 and 3.
Commons' image. Muriel Gottrop (2007).

3) *Origin of the Moon* by William Hartmann, along with Geoffry Taylor and Roger Phillips. (1986).

https://en.wikipedia.org/wiki/Giant-impact_hypothesis



This theory is known as the Great Impact Theory.³

3) *Origin of the Moon* by William Hartmann, along with Geoffry Taylor and Roger Phillips. (1986).

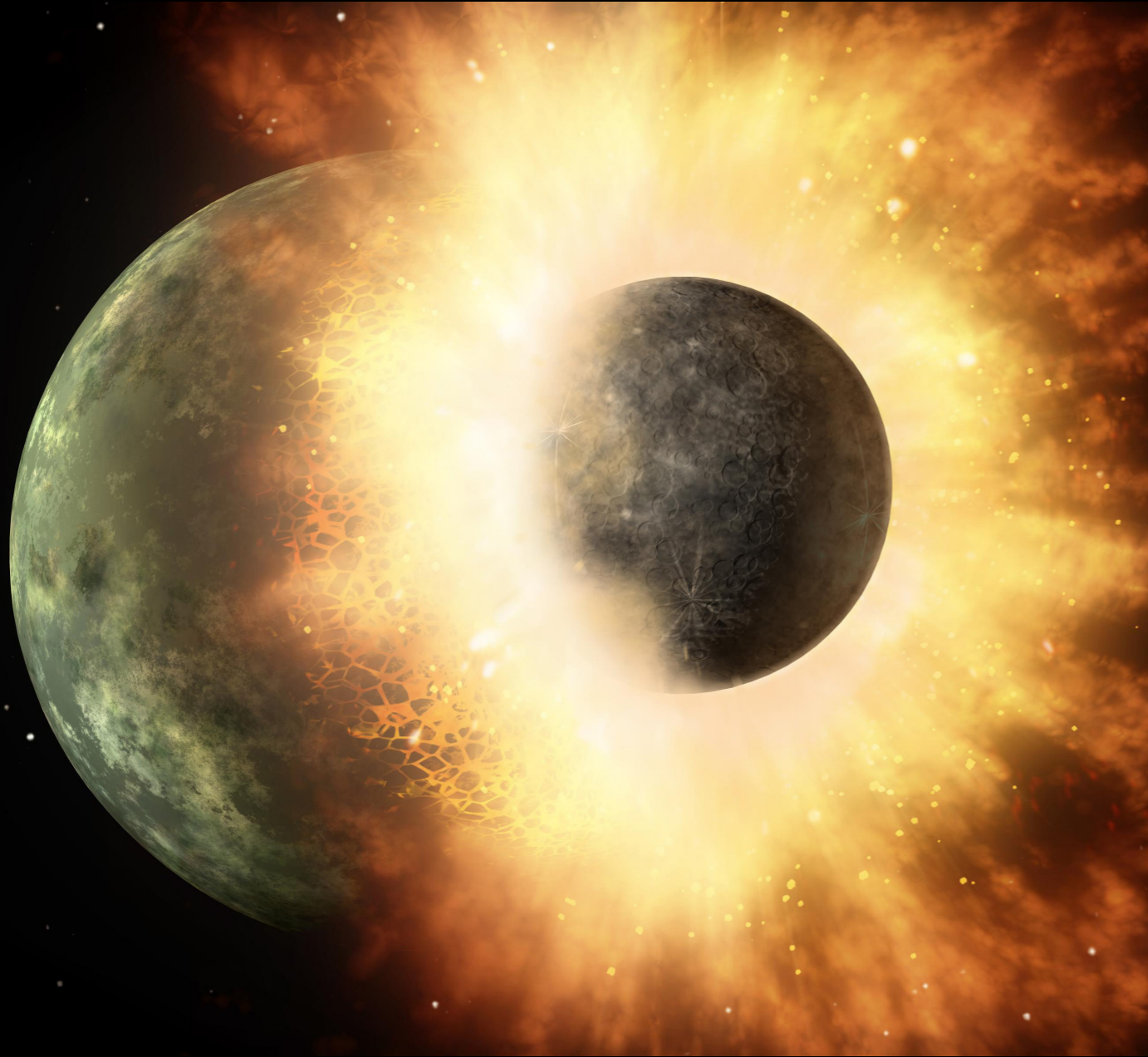
https://en.wikipedia.org/wiki/Giant-impact_hypothesis

← **Big Slash V1.0. Author: Marvel. GNU Free Documentation License, v1.2**



Some artists have tried
to reproduce it.

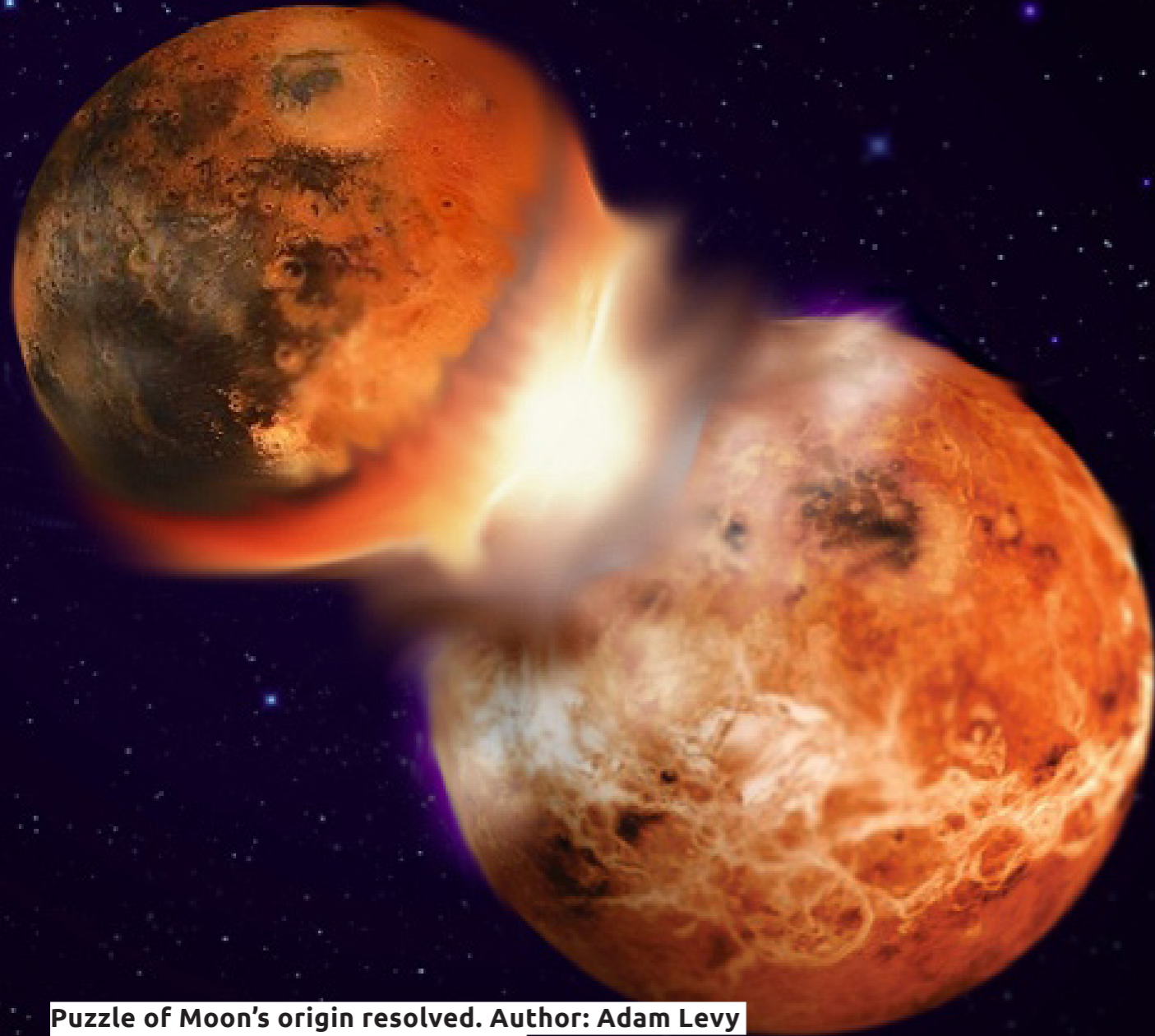
The moon being formed. Author: Dana Berry.
Cover National Geographic Magazine. Source: Robin Canup, Swri



Artist's concept of collision at HD.
Wikimedia Commons - Public domain

Another version,
from Wikipedia.⁴

4) https://es.wikipedia.org/wiki/Teor%C3%ADa_del_gran_impacto#/media/File:Giantimpact.gif



Puzzle of Moon's origin resolved. Author: Adam Levy
Publication: Nature News Publisher.
Copyright © 2015, Rights Managed by Nature Publishing Group

Another work of art from
the prestigious magazine
“Nature”.⁵

5) <http://www.nature.com/news/puzzle-of-moon-s-origin-resolved-1.17279>



But is it reasonable to think that **the Moon, with all its beauty and spherical perfection, and with its complex cycles, can come from a **great incidental impact**?**



The Moon.

Full moon of July 13, 2014 in Mexico. Author: Gerardo Noriega
Creative Commons Attribution-Share Alike 3.0



Low tide in Combarro, Pontevedra - Mario modesto
CC BY-SA 3.0

The Moons is the **perfect distance** from the Earth, influencing the ocean's currents, creating tides and affecting many other vital interactions.



Have you ever seen a total solar eclipse?

Solar eclipse of August 21, 2017, seen live from Oregon.



Have you ever seen a **total solar eclipse?**

Solar eclipse of August 21, 2017, seen live from Oregon.



Solar eclipse of August 21, 2017, seen live from Oregon.

On August 21, 2017 there was a spectacular total solar eclipse that could be filmed from the ground.⁶

6) Solar eclipse of August 21, 2017, seen live from Oregon.
<https://www.youtube.com/watch?v=G10m2ZZRH4U>



Solar eclipse of August 21, 2017, seen live from Oregon.

Watch it in real time.

6) Solar eclipse of August 21, 2017, seen live from Oregon.
<https://www.youtube.com/watch?v=G10m2ZZRH4U>



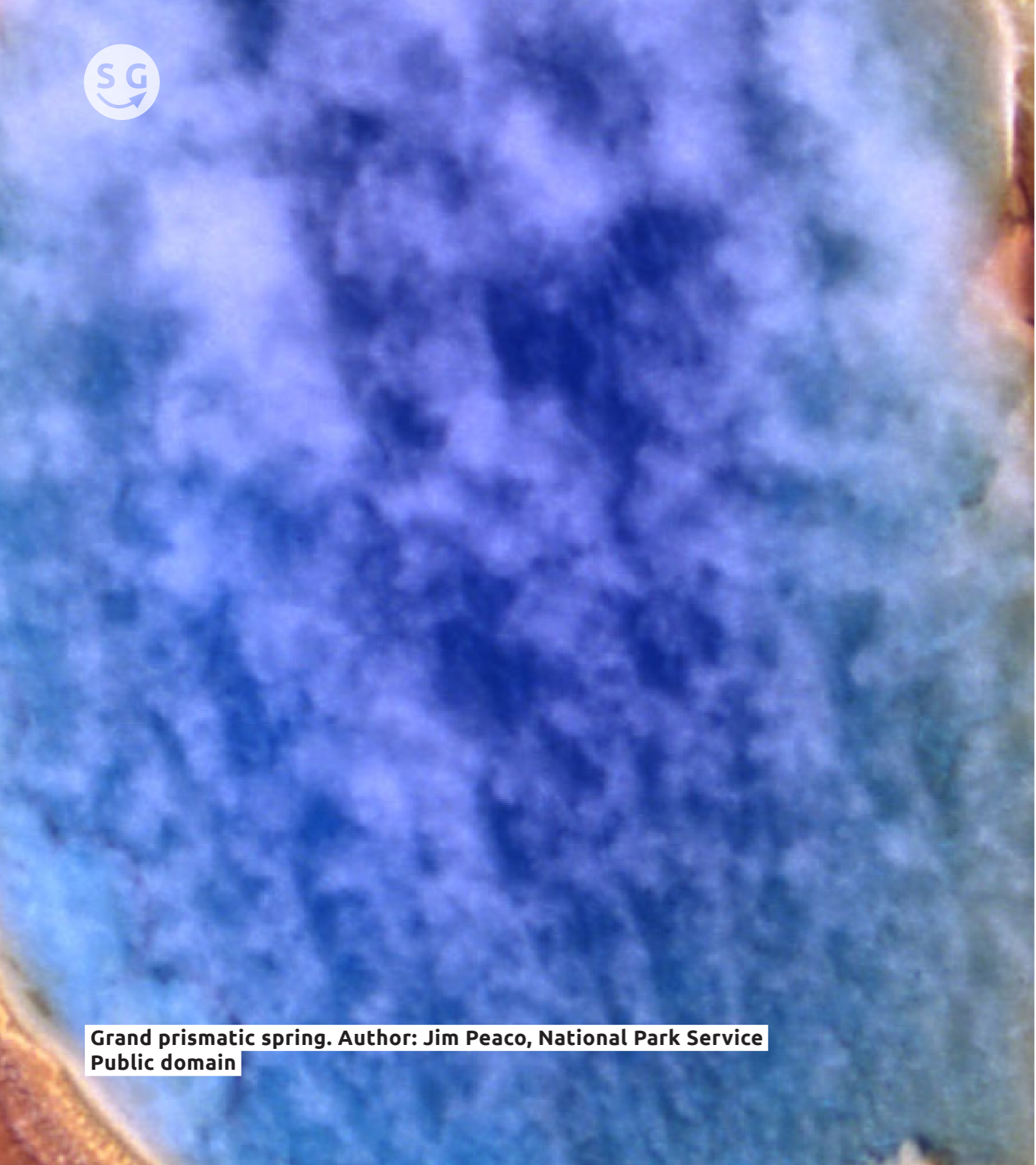
Acesse o vídeo, do eclipse solar visto ao vivo do Oregon em 21 de agosto de 2017, neste link. <https://www.youtube.com/embed/G10m2ZZRH4U?start=118&end=278>.



Is this by chance?



What about the origin of Life?



Grand prismatic spring. Author: Jim Peaco, National Park Service
Public domain

It is said that life comes from a liquid, called primordial **'soup'**, made of carbon based molecules.⁷

7) *The thread of life* of Susan Aldridge and Maria Teresa Clará. p. 74 - AKAL Editions (2003).

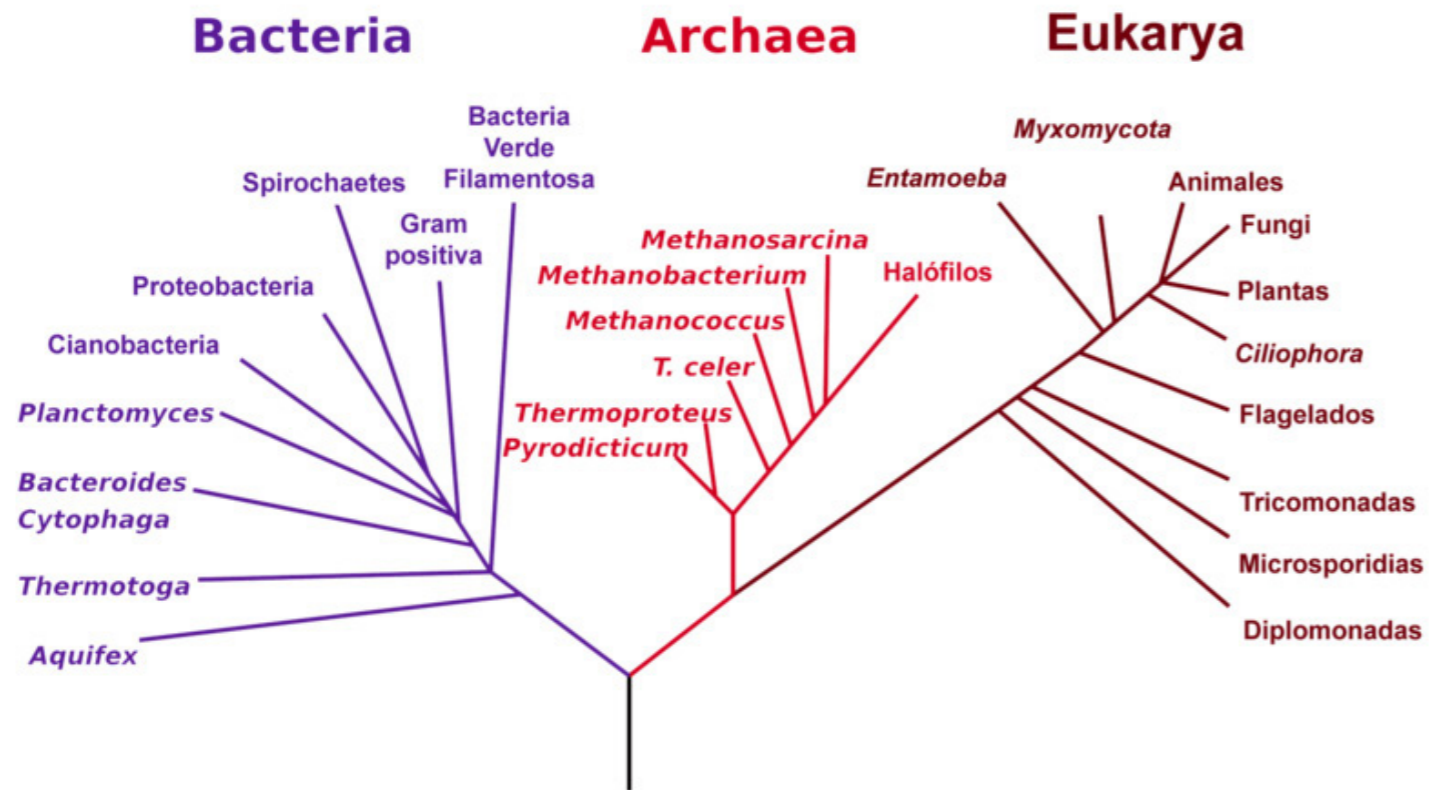
Environmental biotechnology of Francisco Castillo Rodríguez and María Dolores Roldán Ruiz, p.40 - Editorial Tebar (2005).



Primordial soup.

Grand prismatic spring. Author: Jim Peaco, National Park Service
Public domain

Phylogenetic tree of life



Phylogenetic tree es.svg. Eric Gaba - NASA Astrobiology Institute. Public domain (2006).

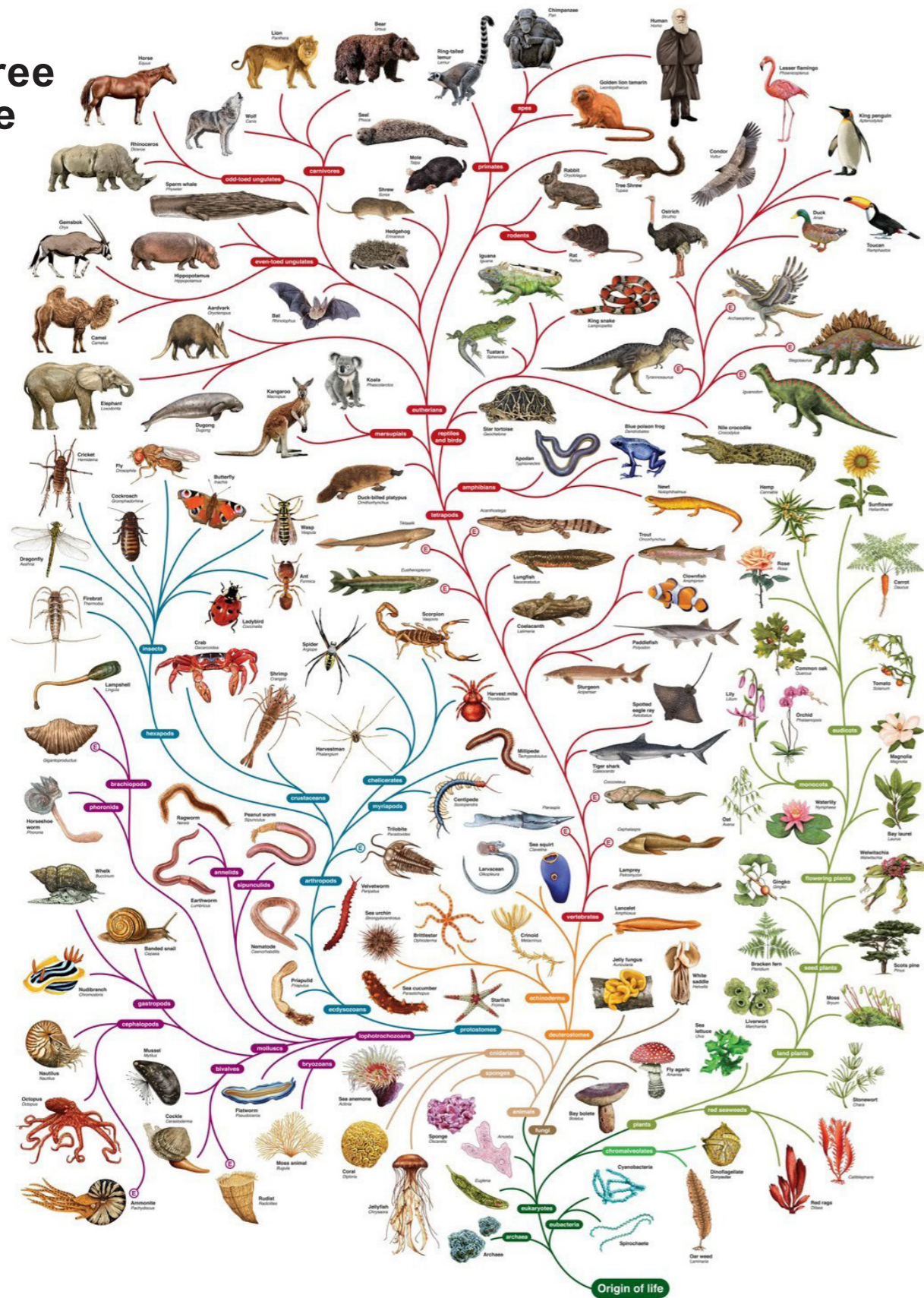
This soup, after being infused with energy, gradually, over millions of years, hypothetically formed the first living being, called **LUCA**⁸, the ancestor of all living organisms on the planet Earth..

8) *My name is LUCA - The Last Common Universal Ancestor* by Anthony M. Poole (2009).

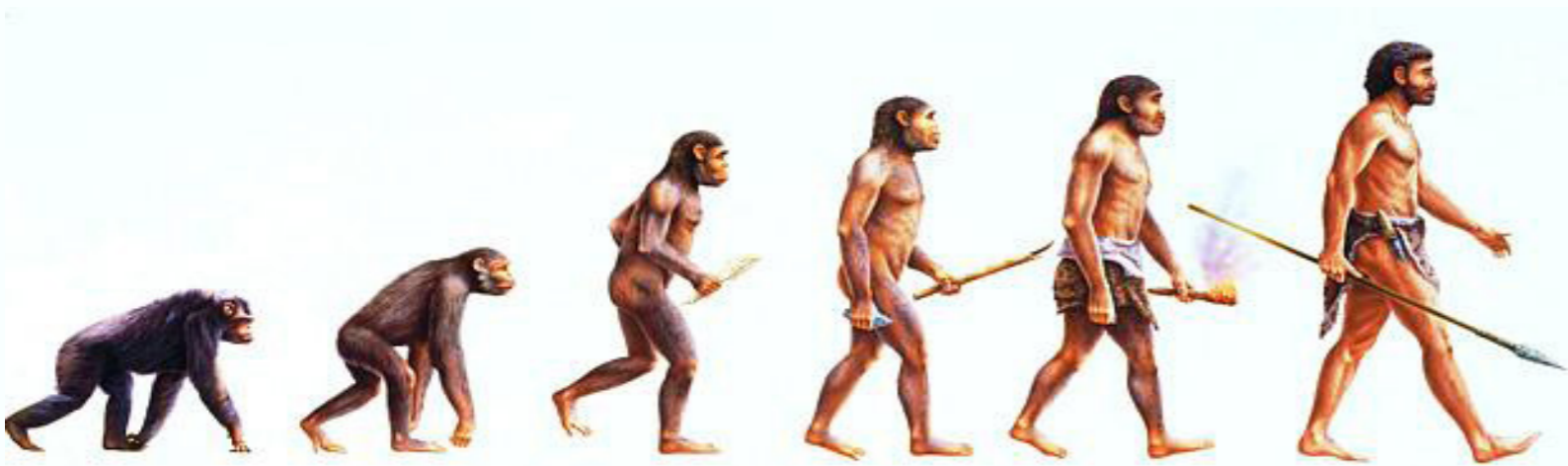


Is this scientifically
proven?

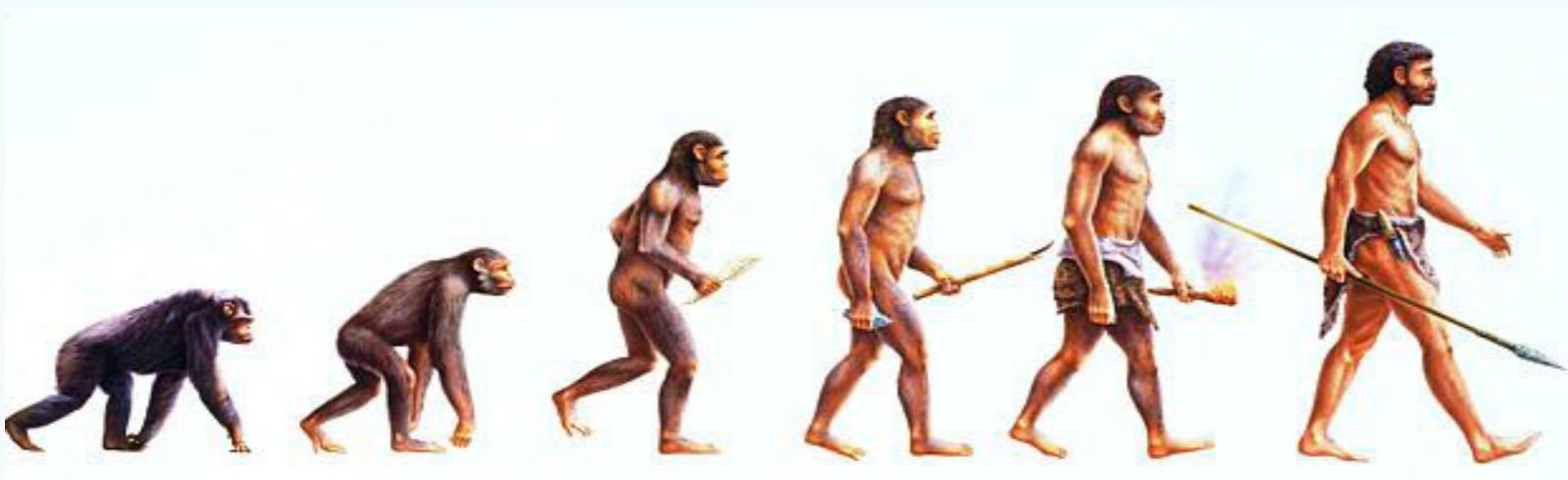
The tree of Life



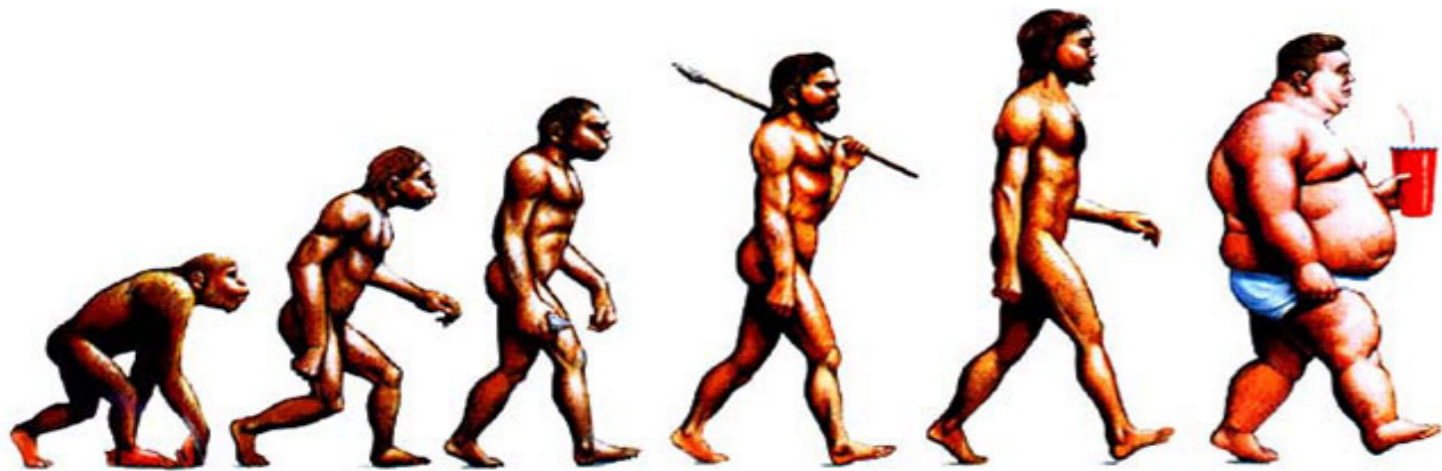
There is also a consensus that over millions of years, evolution led to the formation of fish, amphibians, reptiles and finally birds and mammals.



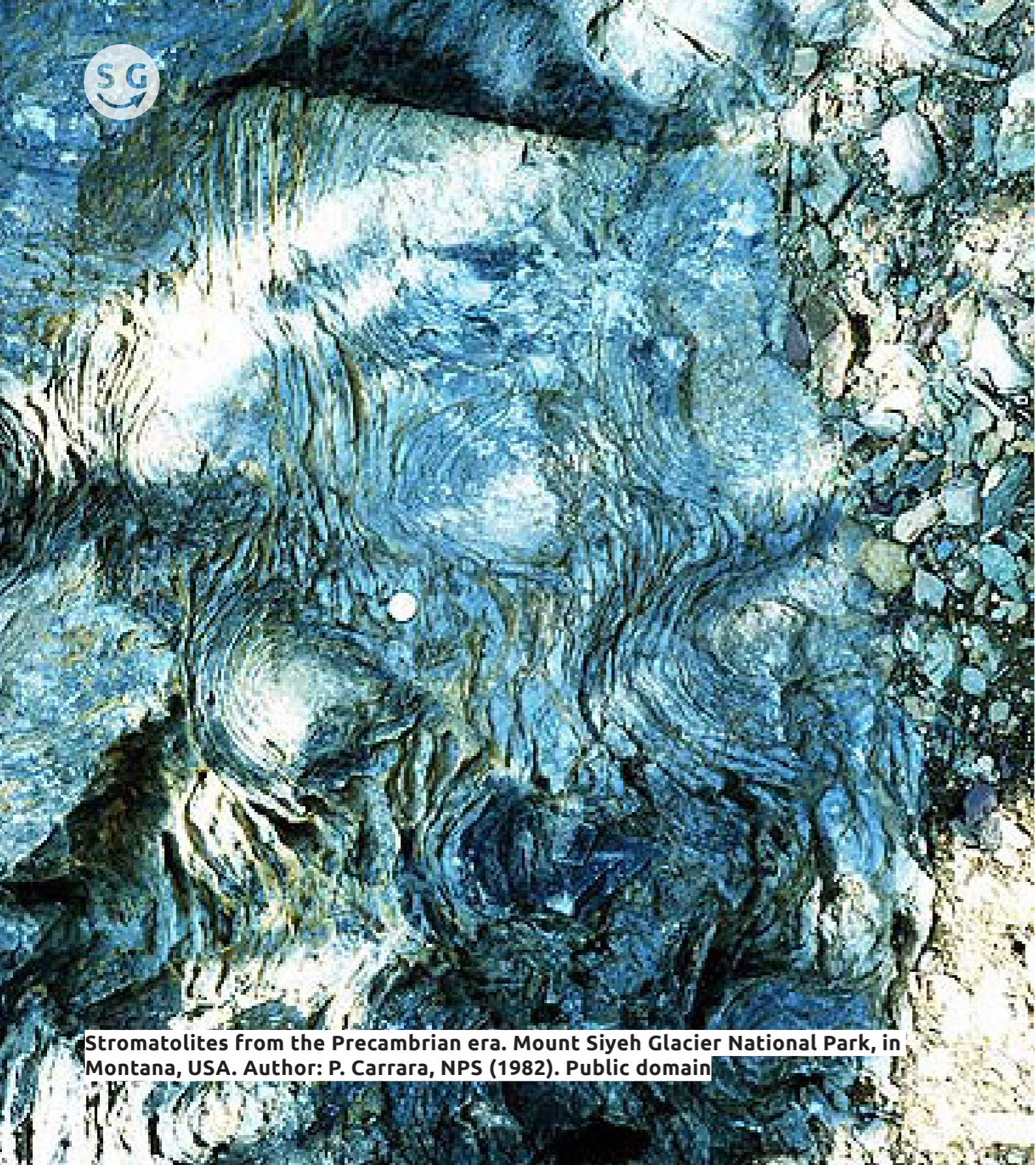
Mammals continued to evolve, leading to an ancestral ape, from which we, chimpanzees, gorillas and others evolved.



The famous image which we have been shown since childhood shows us how humans became what we are today.



And some claim that we will continue to evolve over time, without really knowing into what...



We learned all of this in school, but not much more. That is why we know so little.

Stromatolites from the Precambrian era. Mount Siyeh Glacier National Park, in Montana, USA. Author: P. Carrara, NPS (1982). Public domain



Scientists and those who study science surely know more.



But is that scientifically proven?



Continue...



Bibliography

Text

- 1) *Why Most Published Research Findings Are False* by John P. A. Ioannidis (2005).
- 2) *Big Bang: The Origin of the Universe* (“[The] great explosion: the origin of the universe”) by Simon Singh, p. 560 - Harper Perennial (2005).
- 3) *Origin of the Moon* by William Hartmann, along with Geoffry Taylor and Roger Phillips. (1986).
https://en.wikipedia.org/wiki/Giant-impact_hypothesis
- 4) [https://es.wikipedia.org/wiki/Teor%C3%ADa_del_gran_impacto#/media/File: Giantimpact.gif](https://es.wikipedia.org/wiki/Teor%C3%ADa_del_gran_impacto#/media/File:Giantimpact.gif)
- 5) <http://www.nature.com/news/puzzle-of-moon-s-origin-resolved-1.17279>
- 6) Solar eclipse of August 21, 2017, seen live from Oregon. <https://www.youtube.com/watch?v=G10m2ZZRH4U>.
- 7) *The thread of life* of Susan Aldridge and Maria Teresa Clará. p. 74 - AKAL Editions (2003).
Environmental biotechnology of Francisco Castillo Rodríguez and María Dolores Roldán Ruiz, p.40 - Editorial Tebar (2005).
- 8) *My name is LUCA - The Last Common Universal Ancestor* by Anthony M. Poole (2009).

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Audio

Deuxième Gymnopédie of Philippe Entremont, Daniel Varsano (Google Play • iTunes). Public domain.

Concert for flute, strings and bass continu, in Do major, “Il Gardellino”, op. 10 n. 3, of Antonio Vivaldi

Idea, script, texts and voices

The team de *Science leads to God*

Science leads to God.

