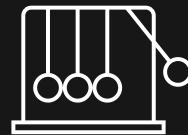


SCIENCE & THE BIBLE:

Physical Science



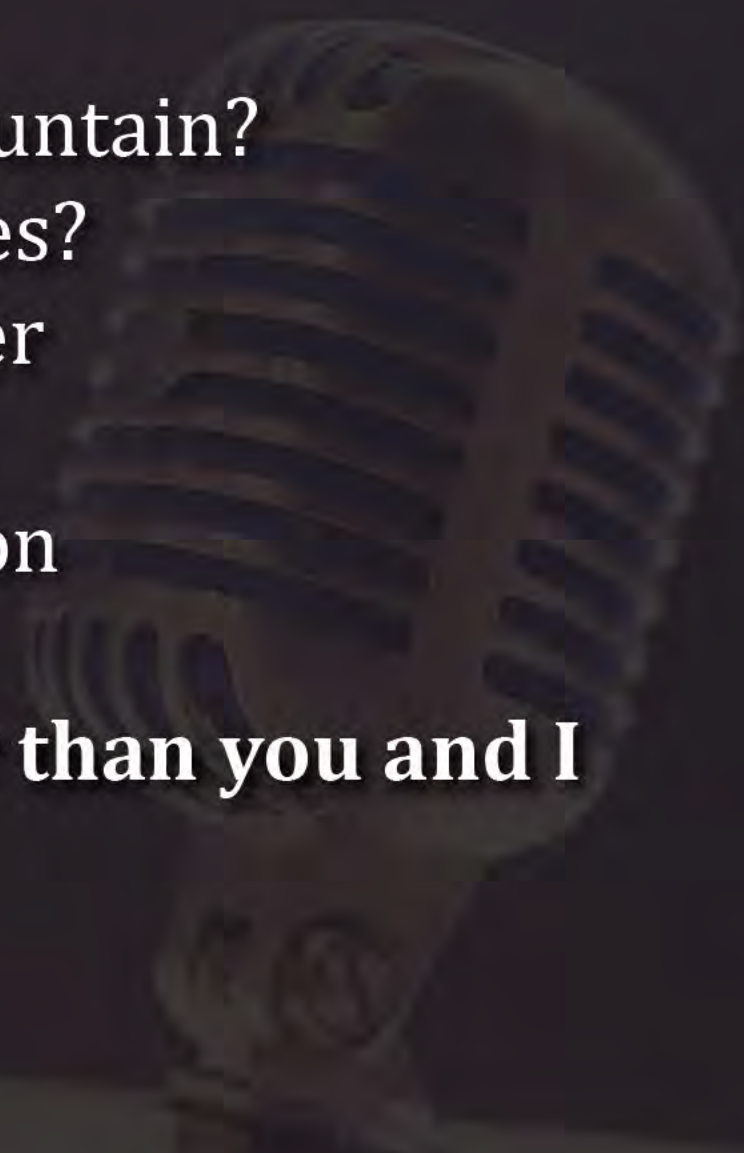
Dr Henry Margenau
Professor of Physics &
Natural Philosophy
at Yale

“It is absolutely unreasonable to reject the notion of a Creator by appealing to science. Science has definitely shown the non-contradiction of Creation out of nothing.”



Elvis Presley
*Somebody Bigger
than You & I*

Who made the mountain?
Who made the trees?
Who made the river
Flow to the sea?
Who hung the moon
In the starry sky?
Somebody bigger than you and I



The questions asked in the lyrics are questions people frequently search for and the answer is clear:

there is a God.

Louis Pasteur so simply stated that science should point us towards God, not away from Him.





The Theory of Uniformity
is best explained by a Scottish
geologist who lived in the later
18th Century named James Hutton.



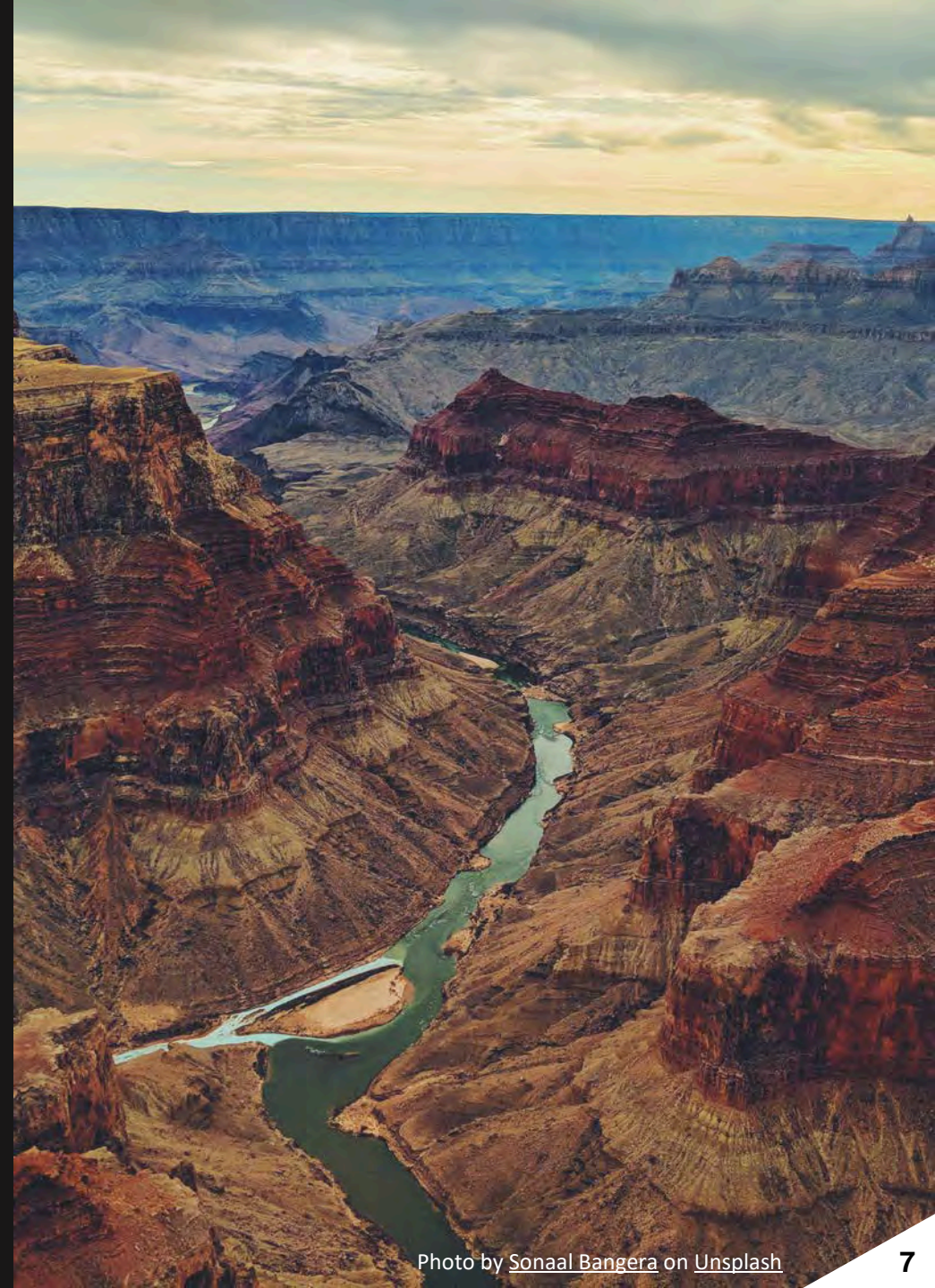
The Father Of Uniformity

“The present is the key to the future.”

He stated that physical features of the earth are explained by erosion and other natural causes acting in a present rate and will continue to run at those present rates.

The Grand Canyon

According to Uniformity, the Colorado River has been cutting into the rocks for millennia and as evidence, one sees layers indicating this.





In Uniformity, scientists try to date the present physical features of the planet by present processes such as erosion.

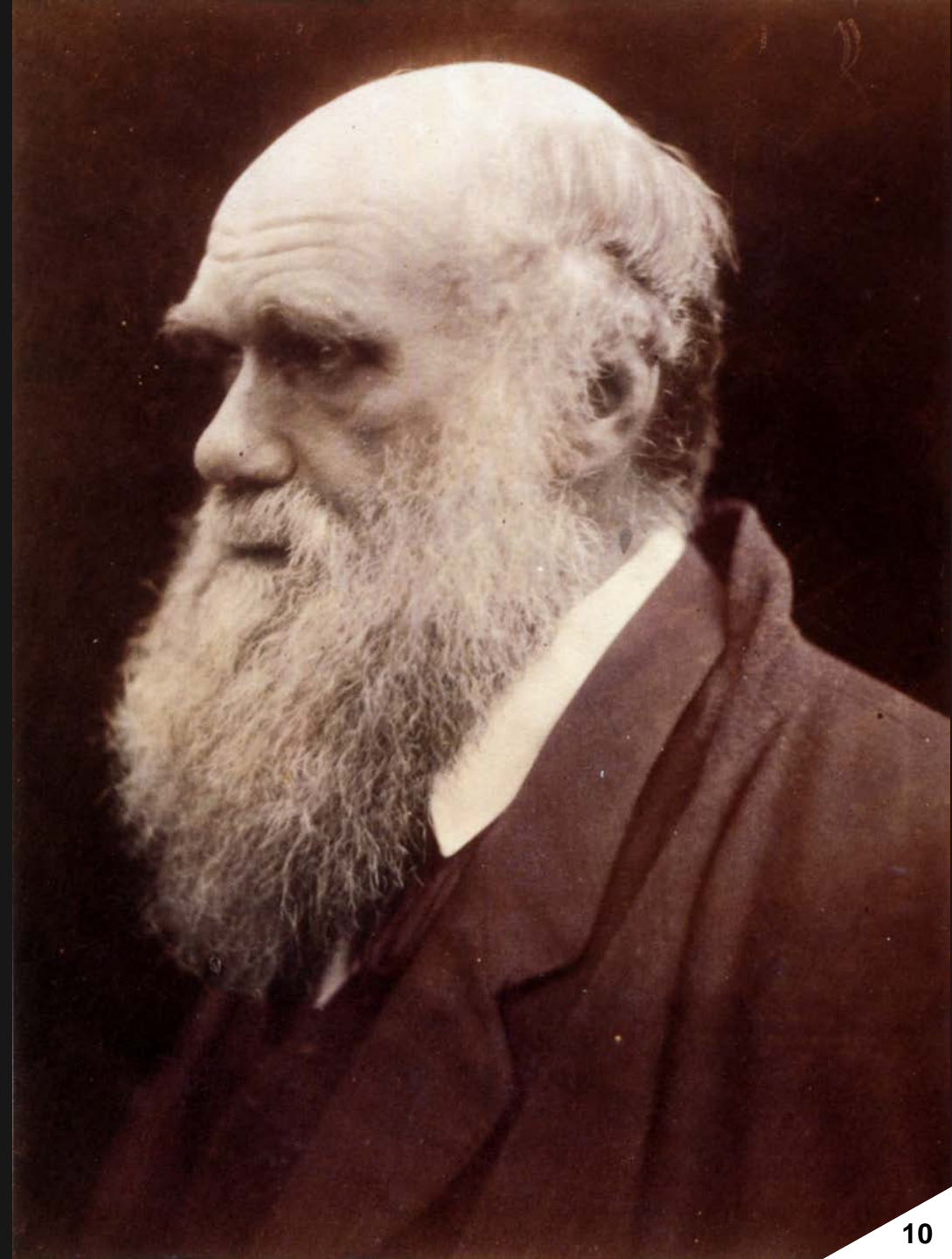


Charles Lyell

A few decades after Hutton, he published a book called *Principles of Geology* (1830), supporting Uniformity and helped construct a time scale of millions of years as to the earth's age.

Charles Darwin

Hutton and Lyell were instrumental his theory of Evolution and Natural Selection in 1859.





Prior to Hutton, most scientists believed that the earth was not billions of years old and that the earth's physical features were caused by sudden events called catastrophes.



Catastrophism

was the popular theory, and it was based upon natural recorded events such as volcanoes, earthquakes, floods, etc. Catastrophism is observable in history and supports the biblical account of origins.



When Hutton proposed his theory, it was quickly adopted by other secular scientists to explain the structure of the earth without belief in the Bible or in God.

Even some who claim to be Christians and believe in the Bible try to defend Uniformity by using a passage in the Bible:

2 Peter 3:4 (NASB)

For ever since the fathers fell asleep, all things continue just as they were from the beginning of creation.



If one reads the paragraph this sentence is taken from one will see that this is not supporting Uniformity.

2 Peter 3:3-7 (NASB)

*Know this first of all, that in the last days mockers will come with their **mocking**, following after their own lusts, and saying, “Where is the promise of His coming? For ever since the fathers fell asleep, all things continue just as they were from the beginning of creation.”*



2 Peter 3:3-7 (NASB) *continued*

For when they maintain this, it escapes their notice that by the word of God the heavens existed long ago and the earth was formed out of water and by water, through which the world at that time was destroyed by being flooded with water. But by His word the present heavens and earth are being reserved for fire, kept for the day of judgment and destruction of ungodly people.





**There is another problem with Uniformity.
It cannot be observed and tested to
determine the age of the earth.**



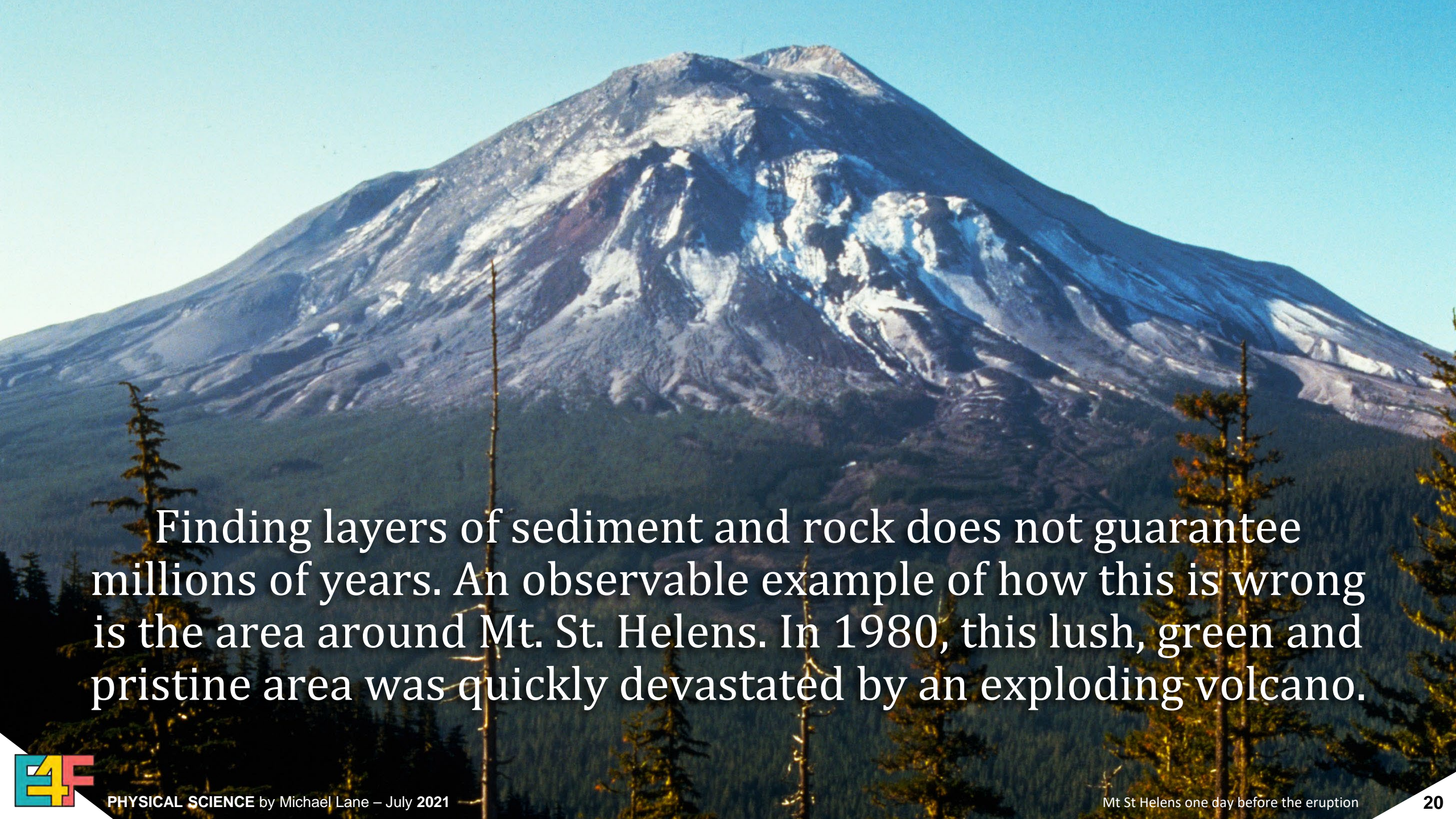
Actually, neither can Catastrophism, but there is ample observable data supporting Catastrophism.

In either case, one must apply faith to what is believed.

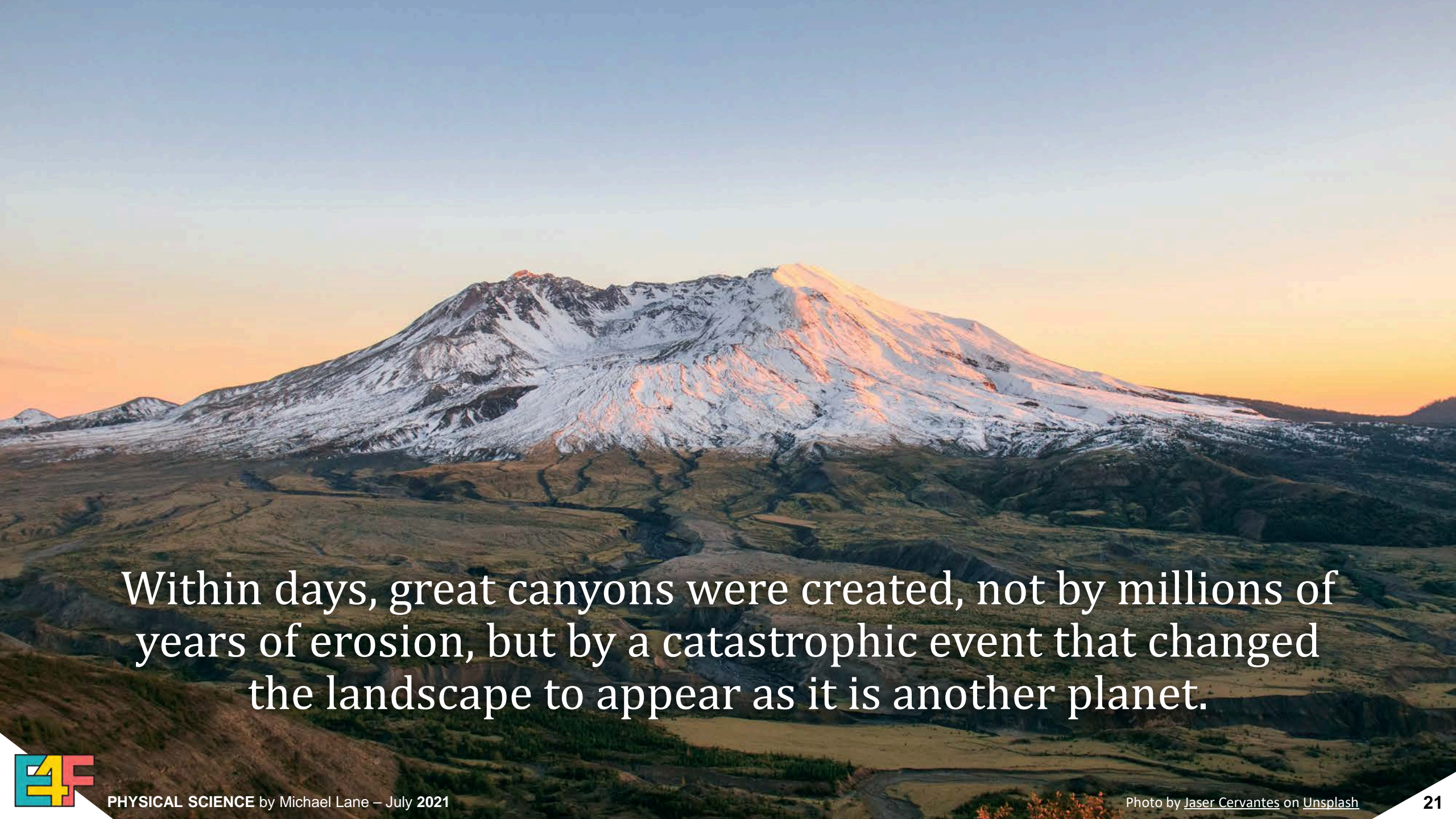
After the works of Hutton, Lyell, and Darwin, scientists constructed a Geologic Time Scale.

Eon	Era	Period	Epoch	MYA	Life Forms	North American Events							
Phanerozoic	Cenozoic (CZ)	Quaternary (Q)	Holocene (H)	0.01	Age of Mammals	Extinction of large mammals and birds Modern humans	Ice age glaciations; glacial outburst floods						
			Pleistocene (PE)										
		Neogene (N)	Pliocene (PL)	2.6				Spread of grassy ecosystems	Columbia River Basalt eruptions (NW) Basin and Range extension (W)				
			Miocene (MI)	5.3									
			Oligocene (OL)	23.0									
		Paleogene (PG)	Eocene (E)	33.9				Early primates	Laramide Orogeny ends (W)				
				Paleocene (EP)						56.0			
										66.0	Mass extinction		
			Mesozoic (MZ)	Cretaceous (K)							Age of Reptiles	Placental mammals Early flowering plants Dinosaurs diverse and abundant	Laramide Orogeny (W) Western Interior Seaway (W) Sevier Orogeny (W)
										Jurassic (J)			
	Triassic (TR)	201.3		Mass extinction First dinosaurs; first mammals Flying reptiles	Breakup of Pangaea begins								
			251.9	Mass extinction	Sonoma Orogeny (W)								
	Paleozoic (PZ)	Permian (P)		Age of Amphibians	Coal-forming swamps Sharks abundant First reptiles	Supercontinent Pangaea intact Ouachita Orogeny (S) Alleghany (Appalachian) Orogeny (E) Ancestral Rocky Mountains (W)							
			Pennsylvanian (PN)				298.9						
			Mississippian (M)				323.2						
			Devonian (D)				358.9	Mass extinction First amphibians First forests (evergreens)	Antler Orogeny (W) Acadian Orogeny (E-NE)				
		Silurian (S)		Fishes	First land plants Primitive fish Trilobite maximum Rise of corals	Taconic Orogeny (E-NE)							
			Ordovician (O)				419.2						
							443.8						
			Cambrian (C)				485.4	Extensive oceans cover most of proto-North America (Laurentia)					
		541.0	Mass extinction										
Proterozoic			2500	Complex multicelled organisms	Supercontinent rifted apart Formation of early supercontinent Grenville Orogeny (E)								
		Simple multicelled organisms		First iron deposits Abundant carbonate rocks									
Archean	Precambrian (PC, W, X, Y, Z)			Early bacteria and algae (stromatolites)	Oldest known Earth rocks								
4000			Origin of life										
Hadæan			4600	Formation of th									

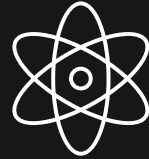




Finding layers of sediment and rock does not guarantee millions of years. An observable example of how this is wrong is the area around Mt. St. Helens. In 1980, this lush, green and pristine area was quickly devastated by an exploding volcano.

A wide-angle photograph of a majestic mountain range. The peaks are covered in snow and are illuminated by the warm, golden light of a low sun, creating a dramatic contrast with the cool blue tones of the sky. The foreground shows a valley with a winding river and some sparse vegetation. The overall scene is serene and awe-inspiring.

Within days, great canyons were created, not by millions of years of erosion, but by a catastrophic event that changed the landscape to appear as it is another planet.



Atoms

The story of the discovery of atoms begins roughly around 500 B.C. in ancient India. Philosophers there proposed an idea of the existence of small, invisible particles that made up things.



Very soon after, around 450 B.C. the ancient Greeks wrote that all matter was composed of four basic elements: air, earth, fire or water.



Sir Robert Boyle

In 1661 A.D. he wrote *The Sceptical Chemist* and used the term “corpuscles” to describe what he thought matter was composed of. He had no proof of this, but his theory was sound.



Sir Isaac Newton

The great scientist and Bible scholar theorized the “atom” from his research and from the Bible itself.

Colossians 1:16-17 (ESV)

For by him all things were created, in heaven and on earth, visible and invisible, whether thrones or dominions or rulers or authorities—all things were created through him and for him. And he is before all things, and in him all things hold together.



Hebrews 11:3 (ESV)

By faith we understand that the universe was created by the word of God, so that what is seen was not made out of things that are visible.



**Both verses name “things” that
make up matter as being *invisible***

John Dalton

In 1803, he proposed
the *Atomic Theory*.





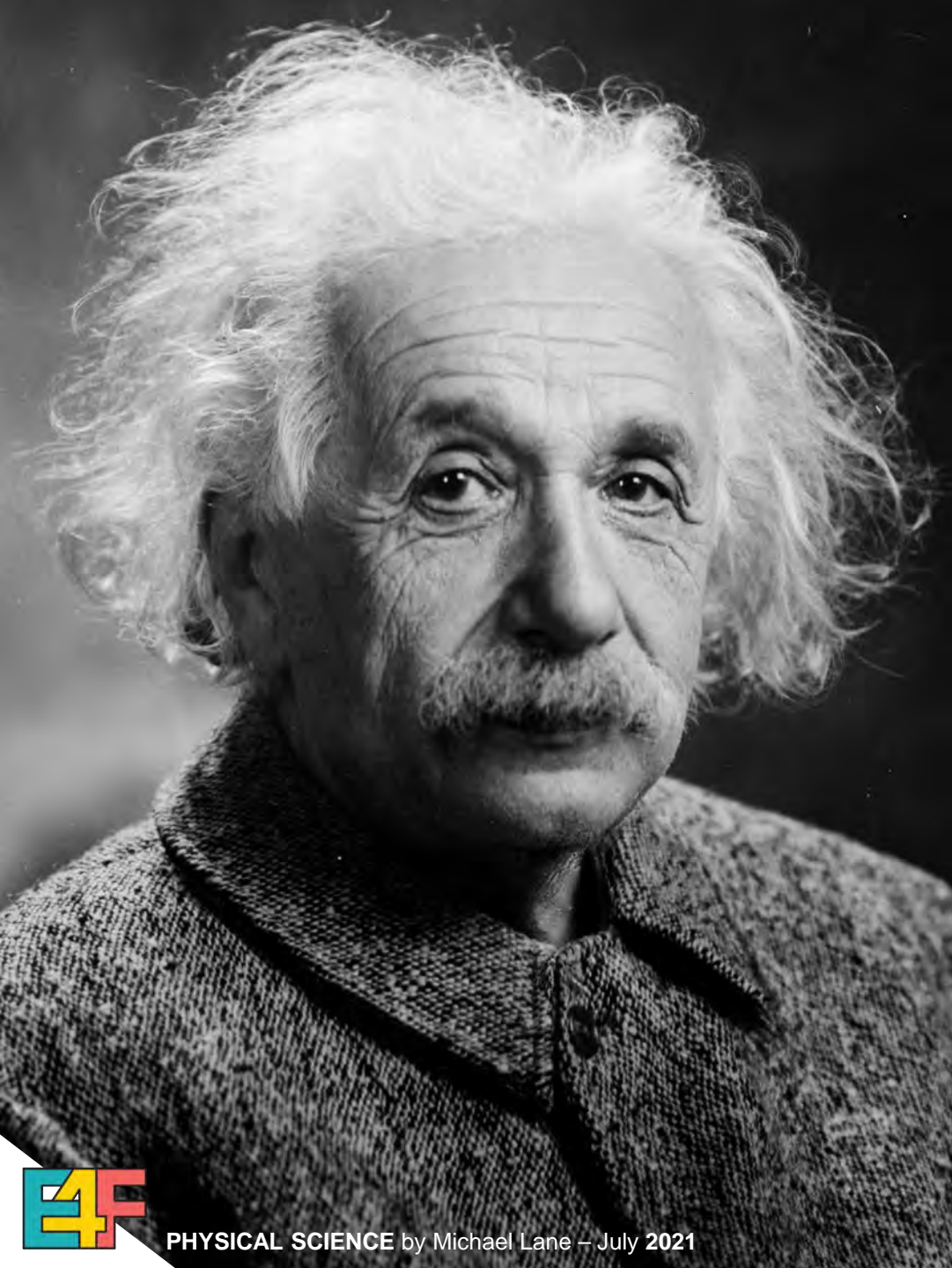
Robert Brown

In an 1827 experiment he observes small inert particles moving in water under magnification and discovers Brownian Movement, the movement caused by the movement of atoms.

J.J. Thompson

In 1897, he discovers evidence proving the existence of atoms, thought they could not be seen.



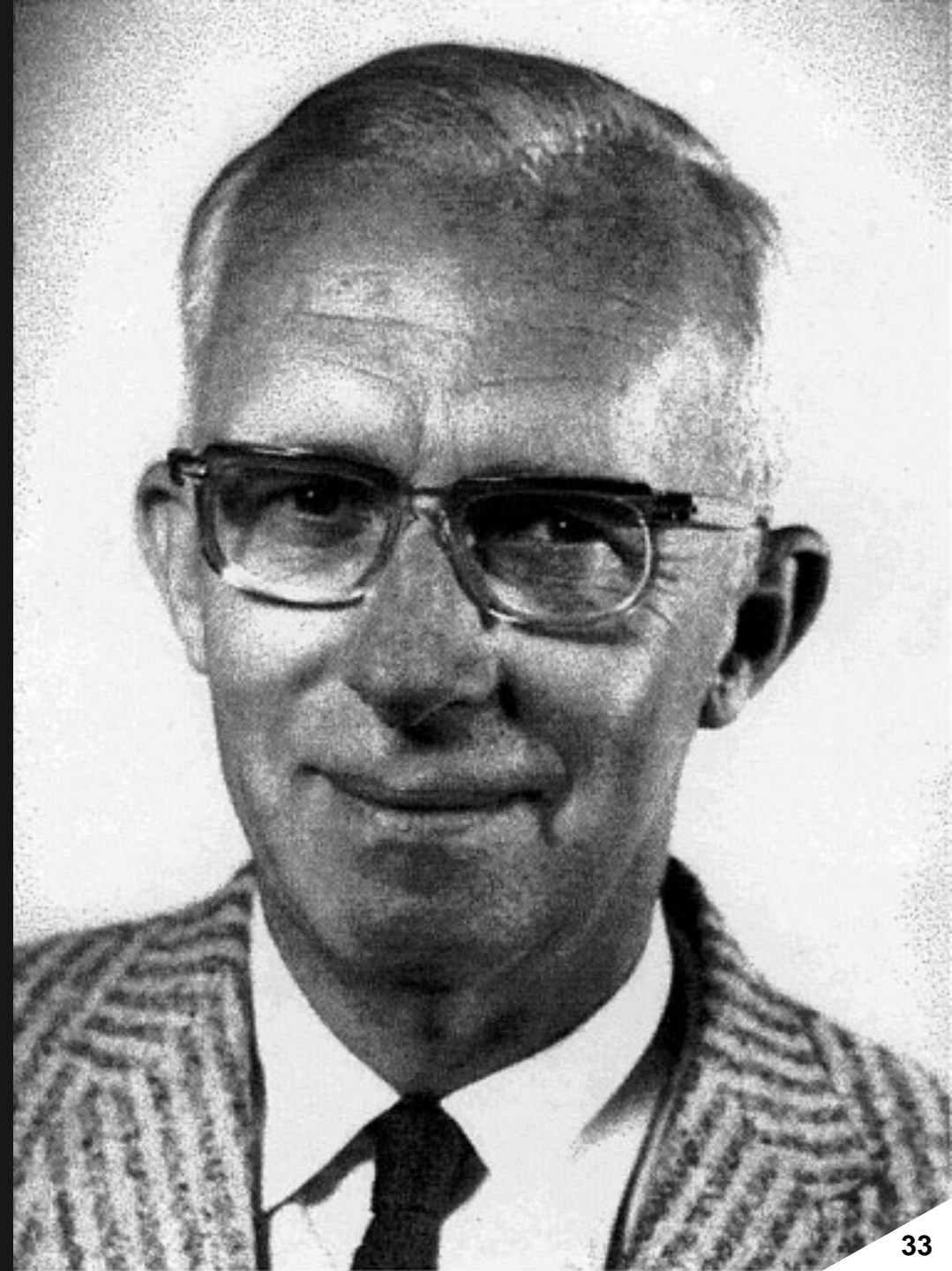


Albert Einstein

In 1905, Albert Einstein confirms what Thompson proposed.

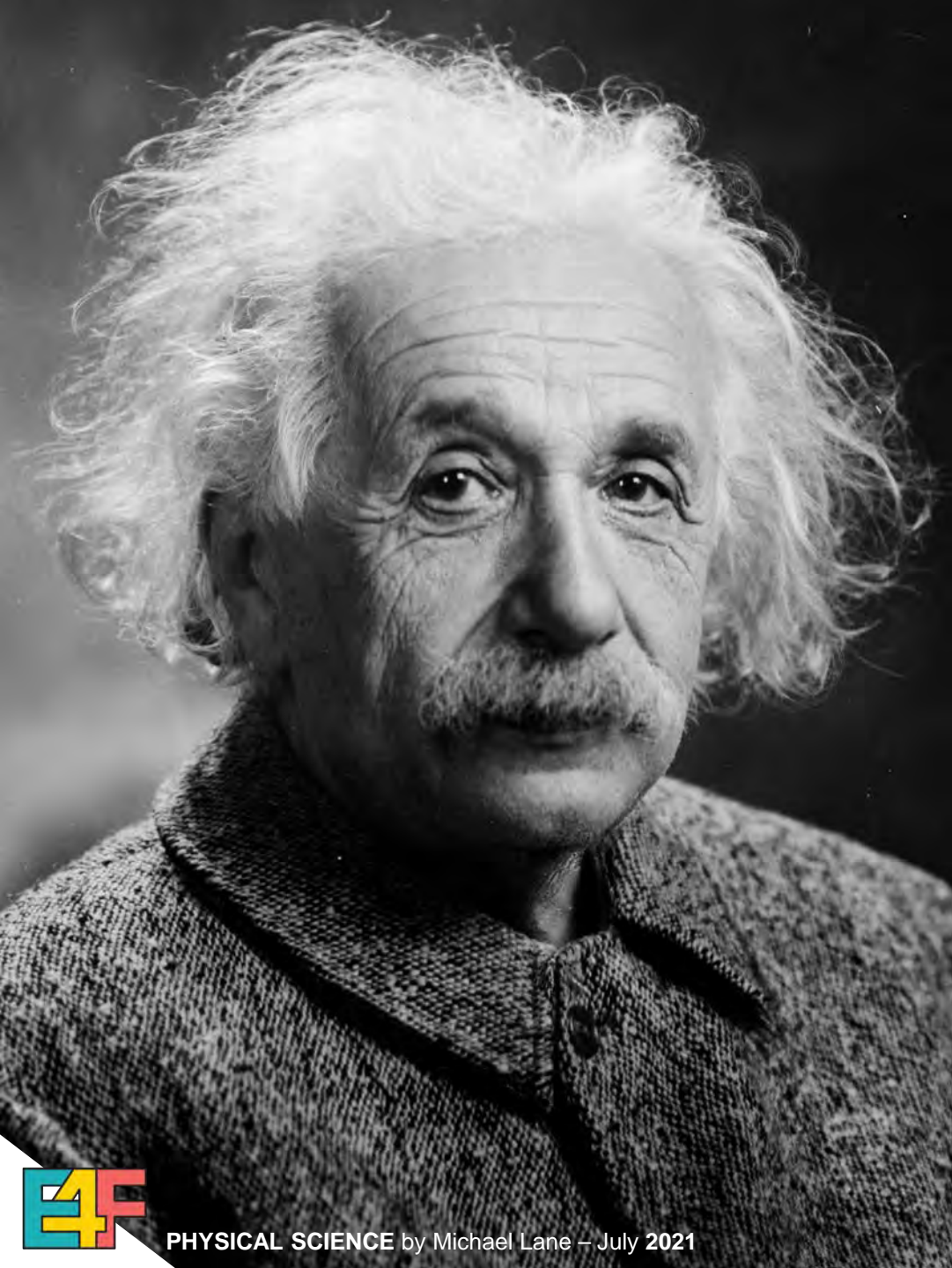
Erwin Mueller

Finally, in 1955 Erwin Mueller at Penn State developed a special microscopy that allowed him to be the first person to see an atom.





**The invisible things described in
Colossians and the Book of Hebrews
had been found.**



$$E=MC^2$$

Albert Einstein's Theory of Relativity is famous for predicting some weird but true phenomena, like astronauts aging slower than people on Earth and solid objects changing their shapes at high speeds.

In this theory, three things are scientifically relative and continuous. They are:

E = Energy | M = Matter | C = Light (time)

All three must be always present in this universe and the effects of this theory impact life.

Genesis 1:1 (ESV)

*In the beginning God created the
heavens and the earth.*



Time = *beginning*
Matter = *heavens and earth*
Energy = *created.*



In the beginning, God created matter, time and energy and He spent 6 days doing this. Then, as recorded in Genesis 2:2, God stopped creating and the Laws of Science were set in place.

Outside of miracles there has been no new creating and no new matter added to His creation.



The universe is contained, and no new matter can be created, (except by God), but it can be transformed.

Science has shown us that no new things are being created today, but that things are altered constantly.

1st Law of Thermodynamics: Law of Conservation of Energy

The total energy of an isolated system is constant; energy can be transformed from one form to another, but can be neither created nor destroyed.

Ecclesiastes 1:9 (ESV)

*What has been is what will be,
and what has been done is what will be done,
and there is nothing new under the sun.*



Ecclesiastes 3:14 (ESV)

I perceived that whatever God does endures forever; nothing can be added to it, nor anything taken from it. God has done it, so that people fear before him.



Though the title was not invented until the 19th Century, the principle of this law was written by God centuries before.



This law also states that Abiogenesis or Spontaneous Generation cannot occur, which is a foundation of how some believe life began on this planet.

Evolutionists believe that life began somehow from a mass of chemicals in the oceans and that somehow DNA was miraculously formed. Then these first cells began reproducing and evolving for billions of years.

They also believe that the first life forms were not too well organized and that as time went on, more mutations and genes are added to the genome of the organism allowing more complex life forms to come into existence. Eventually, the life forms became more and more organized and complex.



**This idea is opposed to the
2nd Law of Thermodynamics.**

2nd Law of Thermodynamics: Law of Increased Entropy

The state of entropy of the entire universe, as an isolated system, will always increase over time. Changes in the entropy in the universe can never be negative.





In this law, energy and order become less and less available as time progresses. In most examples this means that **systems tend to become more random and disorganized as time goes by.**



This means that disorganization, randomness and chaos increase. This is contrary to the theory of evolution where life is supposed to be gaining in complexity and order. This 2nd Law of Thermodynamics is why our cars breakdown more often as they age and we do too.



How the Bible supports this Law of Science?

This law was established at the time of man's fall from grace. It was not God's great design of perfection, but a result of man's fall. When Adam sinned, this law came into effect.

Romans 8:20-22 (ESV)

For the creation was subjected to futility, not willingly, but because of him who subjected it, in hope that the creation itself will be set free from its bondage to decay and obtain the freedom of the glory of the children of God. For we know that the whole creation has been groaning together in the pains of childbirth until now.





**When man sinned, God cursed all matter
on this planet and in the universe.
This law was then established.**

But all is not lost.

We can rest assured that in the future God will stop this law, for in heaven, everything is perfect again, and there will again be no aging or death.

EVIDENCE 4FAITH

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