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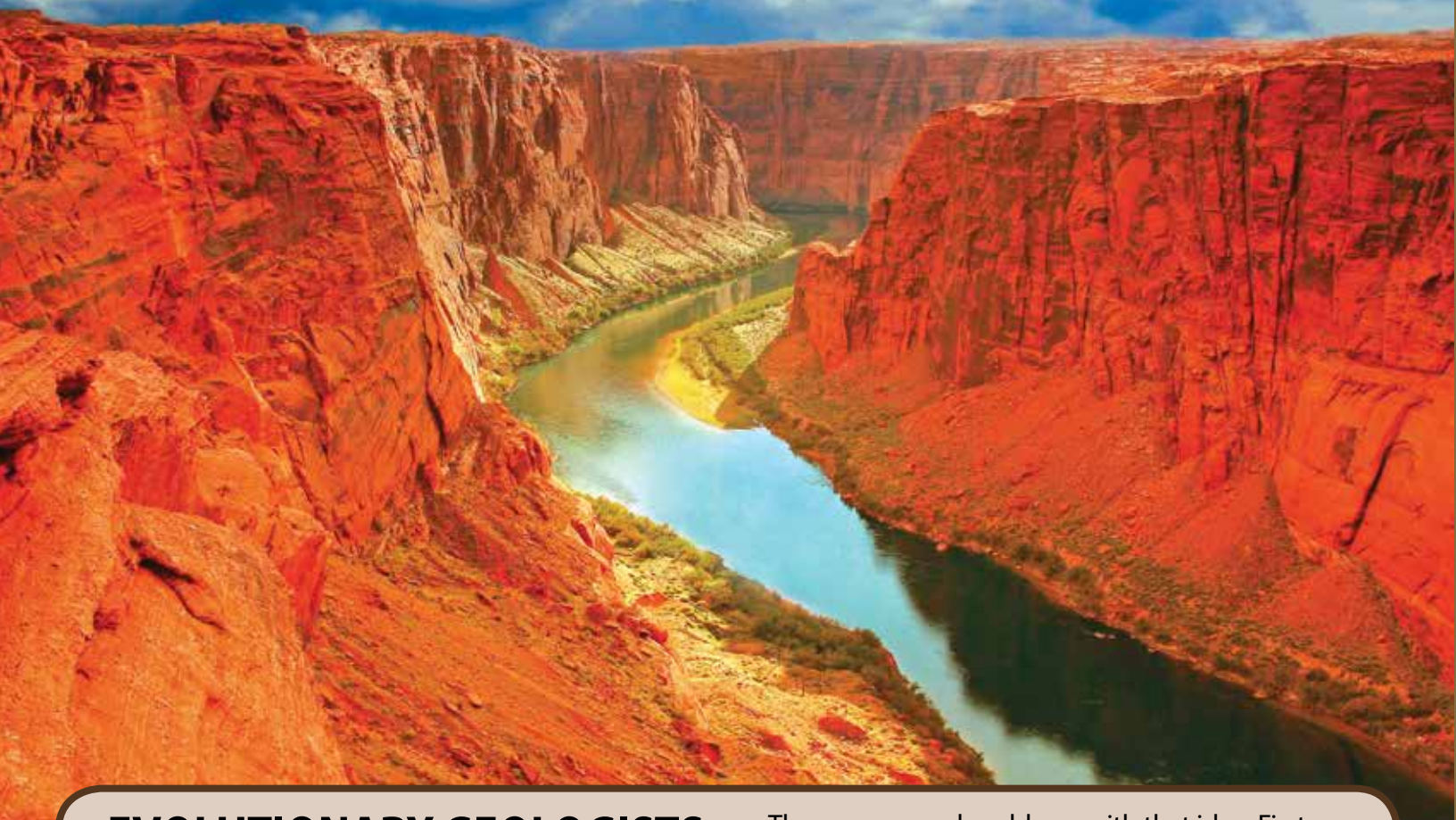
Discovery

Scripture & Science for Kids



THE GRAND CANYON: A BIG CHEESEBURGER MADE REALLY FAST

JEFF MILLER



EVOLUTIONARY GEOLOGISTS HAVE LONG BELIEVED THAT THE GRAND CANYON FORMED BY THE COLORADO

River carving it over millions of years—an idea which goes against what the Bible says about the age of the Earth. This idea is based mainly on the theory of uniformitarianism (YOU-nuh-form-i-TARE-ee-an-ism): the belief that what we see happening today in the Grand Canyon (or elsewhere on the Earth) is the same as it has always been. When geologists look at the Grand Canyon today and see only the Colorado River slowly cutting it, they assume it must have always been that way. If it has always been carving like it does today, then they can use the rate that it's carving today to figure out how long it would take to carve the whole Canyon: millions of years.

There are several problems with that idea. First, evolutionary geologists cannot even agree with each other on what they think the age of the Grand Canyon is. Some say 40 million years; others 5-6 million years; some 70 million years; and some even argue that it was formed quickly due to major flooding from the Colorado River—an idea closer to what creationists believe. The fact that their beliefs are so widely different from one another highlights the fact that no evolutionist really knows how old the Canyon is. Evolution's dating methods have failed to prove that the Grand Canyon is as old as they think it is.

Second, while creationists do believe that uniformitarianism can play a role in geology today, we also believe that catastrophism (kuh-TAS-troh-fism) plays an even more important role—the idea that unusual, short-lived, major geological events

sometimes happen which change the Earth in major ways (for example, floods, tsunamis, meteors, and volcanoes). The Global Flood of Noah's day, in which "all the fountains of the great deep were broken up" (Genesis 7:11; which would have included lava flowing onto the surface of the Earth), "all the high hills under the whole heaven were covered," and "the mountains were covered" (Genesis 7:19-20), would have certainly played a major role in forming the Earth's geologic features, like the Grand Canyon.



"LITTLE GRAND CANYON"



BURLINGAME CANYON

In fact, we have modern examples proving how catastrophic events (like floods and volcanoes) can quickly carve canyons. In 1926, the Burlingame Canyon near Walla Walla, Washington was carved in less than six days when engineers tried to steer abnormally high water from a canal into Pine Creek. In 1982, a small eruption of the Mount St. Helens volcano caused a major mudflow that was 20 miles long. It carved a canyon—the "Little Grand Canyon"—that was 140 feet deep in only one day! These two examples prove that the Grand Canyon could have been formed quickly due to a catastrophic event, rather than over millions of years.

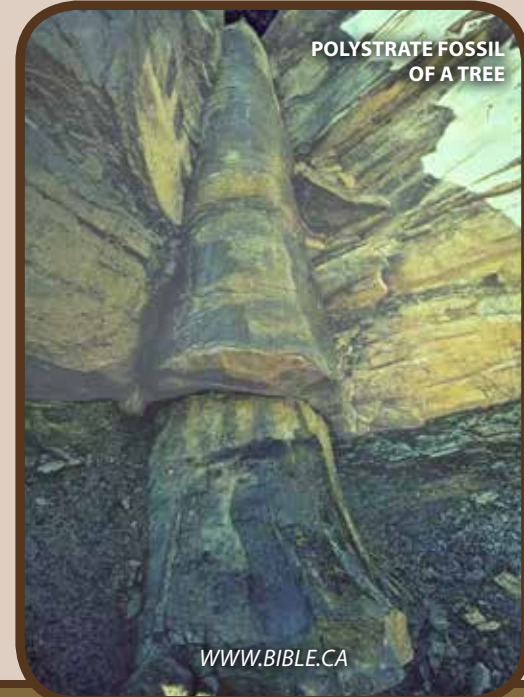
Polystrate fossils are also a problem for those who believe in uniformitarianism. When you look at the Grand Canyon, you can see different layers of rock lying on top of each other, kind of like layers in a cake or a double cheeseburger. Polystrate fossils are fossils that are found cutting through more than one layer (strata) in the geologic "cake" (column). Trees, Calamites, catfish, and even a baleen whale have been found in various places in the world, cutting through multiple strata. How could a tree (or a whale) survive or not decay for the "millions of years" it would have taken for it to be buried, if each of the strata took eons to form? It makes more sense to believe that the layers in the geologic column, including the layers of the Grand Canyon, were formed quickly, not over millions of years. Evidence exists today which proves that belief to be true.

Strict uniformitarianism simply is **not** supported by the evidence. If geologists assume uniformitarianism formed the features of the Earth, when catastrophism actually played a major part, geologists will certainly get wrong answers when they try to find the age of something. That's why their estimates differ so much with each other. Whether finding an age by counting thousands of rings in a tree, thousands of layers of ice in an ice core, looking at the different elements in a rock to find its age, counting the layers at Grand Canyon, or watching the Colorado River carve it, if uniformitarianism is assumed, a scientist will get the wrong answer for his dates. Bottom line: the Bible's story of the Flood fits perfectly with the evidence at the Grand Canyon.

ILLUSTRATION OF A POLYSTRATE FOSSIL OF A BALEEN WHALE IN LOMPOC, CA



by Thomas Tarpley



POLYSTRATE FOSSIL OF A TREE

WWW.BIBLE.CA

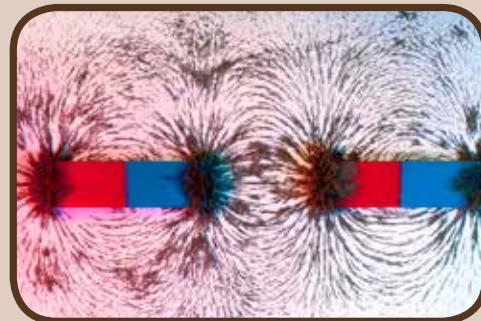
It's a Young World After All

KYLE BUTT

HAVE YOU EVER WONDERED HOW OLD THE EARTH IS? IS IT MILLIONS OF YEARS OLD? BILLIONS OF YEARS OLD? OR ONLY A FEW THOUSAND YEARS OLD? YOU MIGHT NOT KNOW IT, BUT THESE QUESTIONS ARE VERY important. You see, the Bible says God created the world and everything in it in six days. And the Bible gives us information that shows the Earth is only a few thousand years old. But many people who do not believe the Bible say that the Earth, and our Universe, are billions of years old. They say that science proves that our Universe cannot be young. The fact is, however, when we look at the scientific evidence, we can see that the world is not billions of years old. It is only a few thousand years old. True scientific facts always agree with what God wrote in the Bible. That makes sense, because God created the Universe, and He inspired the Bible. We would expect scientific facts to agree perfectly with the Bible, and they do!

Earth's Magnetic Field

Have you ever played with magnets? If you have, then you know how they "pull" toward each other, or they push away from each other. You might know that the pull of a magnet is what makes a compass work. The arrow on a compass always points north, because it is being pulled by a magnetic force.



Where does this force come from? It actually comes from inside the Earth. Deep inside the Earth, electrical forces cause a magnetic pull that moves the arrow of a compass.

What does that have to do with the age of the Earth? It just so happens that the force is getting weaker and weaker. In fact, if the force continues to decay at the rate it is decaying now, then in just a few thousand years, your compass won't work, because there will not be a magnetic force! This is a problem for those who believe in an Earth that is supposed to be billions of years old. If the Earth really was billions of years old, then according to the present rate of decay, the magnetic force would have been so strong that life on Earth would not have been possible. If the Earth is only a few thousand years old, the decay of the magnetic field is just what we would expect.



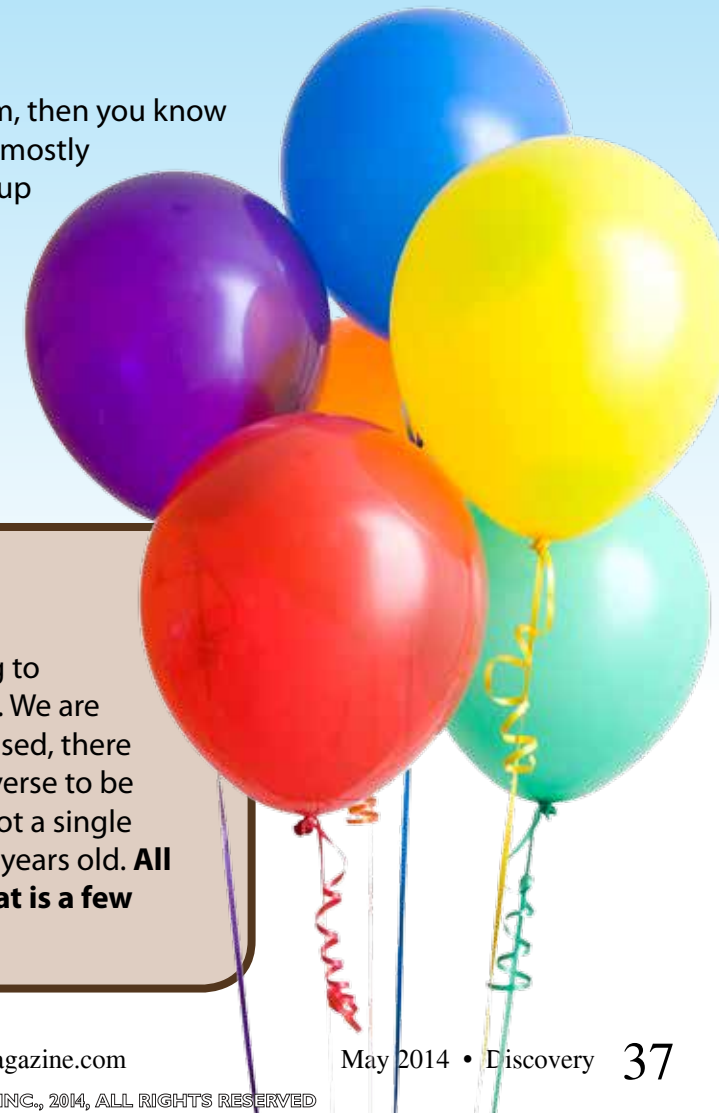
Where Are All The People?

One excellent piece of evidence for a young Earth comes from the field of human population statistics. According to the records that are available, the human population on Earth doubles approximately every 35 years. If humans evolved (which they did not, God created them) about 1 million years ago, then there should be about 1×10^{2000} people on the Earth today! That number is a 1 followed by 2,000 zeroes. But the entire **Universe** could only hold about 1×10^{82} people. Evolutionary dates would mean that the Earth's population would be 10^{1918} times greater than would fit into the entire Universe! Using young Earth figures, however, the current world population would be approximately seven billion people. Once again, the idea of a young Earth fits perfectly with the available evidence.



Helium Keeps Going Up

If you have ever seen a balloon filled with the gas helium, then you know it goes up. Where does helium come from? It is produced mostly inside the Earth and works its way out of the ground and up into the atmosphere. When we look at how much helium is in our atmosphere, and how fast it is getting there, we discover something rather interesting. The helium in our atmosphere is far less than it would be if the Earth's atmosphere were billions of years old. The present rate of how much helium goes into the atmosphere gives us a much younger age for the Earth than billions of years.



Conclusion

It is important to remember that we are not really trying to "date" the Earth or Universe with these scientific methods. We are simply saying that when the same kinds of methods are used, there are many scientific ways that show the Earth and the Universe to be much younger than billions of years old. In fact, there is not a single scientific discovery that proves the world to be billions of years old. **All of the scientific evidence fits perfectly with a world that is a few thousand years old.**

ACTIVITY PAGES



TRUE OR FALSE

- ___ The arrow on a compass always points north, because it is being pulled by a magnetic force.
- ___ Man has been on Earth for 100 million years.
- ___ It took God 14 billion years to create the Earth.
- ___ A strong argument for a young Earth comes from the field of human population statistics.
- ___ The helium in our atmosphere is far less than it would be if the Earth's atmosphere were billions of years old.
- ___ Polystrate fossils prove that the layers of the Earth were laid down over many millions of years.
- ___ The Bible plainly teaches that God, by the word of His mouth, spoke the Universe and everything in it into existence in six days only a few thousand years ago.
- ___ All of the scientific evidence fits perfectly with a world that is a few thousand years old.

MAZE

FINISH



ON A SEPARATE SHEET OF PAPER

1. Give at least three lines of scientific evidence that point toward a young Earth.
2. Summarize what the Bible has to say about man and the age of the Earth.



SOLVE, FIND, AND CIRCLE

E L H T E N B P V F U T N P U
 T I U K P Y N L A R Z Y I A N
 J T K I R E R C T X S M S P I
 Y T L D P A Q A D A Z T O A F
 L L S D T F D T P A N V A B O
 A E E G G O P A N A H I I E R
 F G Z R E D A S M Y S U V L M
 K R J E S U S T Y L L P K R I
 N A C L W K T R M V R O K O T
 A N Q F A H H O L Q K L D R A
 V D I C X U U P I D U Y Z R R
 P C Q C E E F H E W X S H F I
 T A X P B I T I Y B L T Z R A
 A N H I C V S S G E R R H X N
 G Y R R Z G P M Q C L A G R I
 B O I F Y O W U T L Z T V R S
 N E I U D H T X H L E F B M



Dear Digger Doug,
 Can a lizard hear?
 —Elijah Bowens, Dunkirk, MD

Dear Elijah,

That is a good question. I think I can guess why you asked it. When you look at a lizard, you don't see ears that stick out of its head like you see on a dog, rat, or pig. That makes us wonder if they can hear. But think about this: do you see ears on birds? But we know they must be able to hear because of all the wonderful songs that God designed them to sing to each other. The truth is, many lizards can hear very well. They have ears, but not like ours. Inside of our ear there is an eardrum, or tympanic membrane, that detects vibrations. But did you know that many lizards have their eardrums on the outside of their heads, or in a shallow area just slightly below the surface of their heads? This tympanic membrane allows them to detect vibrations and sounds much like ours does. Since there are so many different kinds of lizards, from crocodiles to Gila monsters, some of them hear better than others. But, in general, God designed lizards to be able to hear, even without external (or outside) ears like humans and hamsters have.



1. The idea that unusual, short-lived, major geological events sometimes happen, which change the Earth in major ways. _____
2. Fossils that are found cutting through more than one layer (strata) in the geologic column. _____
3. The Earth is only five days older than this man. _____
4. Adam's son that Jesus mentioned in Luke 11:50-51. _____
5. Created everything in six days. _____
6. Who said, "God 'made them male and female'...from the beginning of the creation"? _____
7. The belief that what we see happening today in the Grand Canyon (or elsewhere on the Earth) is the same as it has always been. _____
8. A canyon 140 feet deep that was carved in one day following an eruption of Mount Saint Helens. _____





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ADDRESS SERVICE REQUESTED

The BIBLE and the AGE of the EARTH

ERIC LYONS

ACCORDING TO THE THEORY OF EVOLUTION, MAN IS A NEW-COMER TO EARTH, FAR REMOVED FROM the beginning of the Universe. If the Universe was born 14 billion years ago, as evolutionists teach, man did not evolve until about 13.996 billion years later. (That's a long time!) The problem is, the Bible never hints at such a long timeline (nor does true science).

In Mark 10:6, Jesus taught about the first human beings, saying, "[F]rom the beginning of the creation, God made them male and female." According to Genesis 1 and 2, God made Adam and Eve on the sixth day of Creation. Jesus referred to this same occasion and indicated that God made them "from the beginning of the creation." Similar to how on another occasion Jesus linked Abel's day with "the foundation of the world" (Luke 11:50-51), so the forming of Adam and Eve on day six of the Creation could be considered "from the beginning of the creation."

The apostle Paul also alluded to how long man has been on the Earth. To the Christians in Rome,

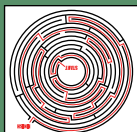
he wrote: "For **since the creation of the world** His [God's] invisible attributes are clearly seen, being understood by the things that are made, even His eternal power and Godhead" (Romans 1:20). How long has man been aware of God? "Since the creation of the world"—not billions of years after the world was created.

Since the Bible also contains lengthy genealogies that extend from Jesus all the way back to Adam, we can know that man has been on Earth for only a few thousand years. And, if man has been on Earth for only **thousands** of years, then we can know that the Earth is not **billions** of years old as evolutionists teach. Why? Because man has been on the Earth "from the foundation of the world."

God has clearly spoken on a number of subjects that various people have twisted. One of those subjects is Creation. The Bible plainly teaches that God, by the word of His mouth, spoke the Universe and everything in it into existence in six days only a few thousand years ago.



ANSWERS



7. uniformitarianism; 8. Little Grand Canyon.
 TRUE OR FALSE: 1. catastrophism; 2. polystrate; 3. Adam; 4. Abel; 5. God; 6. Jesus.
 T-F: 1. T; 2. F; 3. F; 4. T; 5. T; 6. F; 7. T; 8. T.

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