

Think & Believe

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The Rocks Cry Out

by *Dave Nutting*

This summer millions of people from all over the world will visit America's National Parks and Monuments where they will be deluged with a flood of evolutionary dogma. It is disheartening, that instead of honoring and glorifying the Creator for His wonderful works, our parks and monuments have been turned into shrines of evolutionary paganism and pantheism.

Now you might say, "Isn't that statement going a bit too far?" Maybe, but how often in the parks "educational programs" have you heard "Mother Nature," "Time," "Gaia," "Evolution," and "Natural Selection" being credited for the wonders of our world? How often have the intricate designs and amazing beauty been attributed to blind chance? How long has it been since you heard the credit going to God, the Creator?

Then again, think about the names we find on so many geologic features. Just here in the Grand Junction area we find Devil's Kitchen, Devil's Canyon, and Serpent's Trail. In Colorado Springs we find Garden of the Gods (notice the plural). In Idaho and Oregon there's Hell's Canyon. If that's not enough, journey to Grand Canyon, where you will find Vishnu Schist, Zoroaster Granite, Vulcan's Throne, Devil's Corkscrew, Shiva Temple, Osiris

Temple, Isis Temple, Jupiter Temple, and Diana Temple. The list goes on and on.

But what do we find when we actually study the rocks, geologic formations, and the animals and plants of our nation's wonderlands? We find just what we would expect to find if the account given in Genesis is true and accurate. We find intricacy and design in living things that could come only from an intelligent, powerful Creator. We find distinct "kinds" of life, not the billions of transitions that would be expected according to evolution. We also find billions of fossils buried in rock layers all over the earth. There is evidence of rapid deposition and extensive formations covering thousands of square miles, as well as huge canyons that can best be explained by lots more water — just what we would expect to find from Noah's Flood.

Yet, with all this evidence that the Word of God is true when it speaks of Creation and the Flood, people still proclaim the glories of evolution and refuse to honor and glorify

the Creator. Just like the people in the apostle Paul's day, they worship and serve the creature, more than the Creator (Romans 1:25). Yet, the very rocks give testimony of God's power, truth, and faithfulness. Seeing what God has made should turn our hearts and mouths to worship and praise Him! However, we are not "officially allowed" to acknowledge Him in the parks of this land. The whole situation is reminiscent of the time when the rulers of Jesus' day tried to get the people to stop praising Him, and He told them that if the people didn't praise Him, the rocks would cry out (Luke 19:40). The rocks are truly "crying out" in our parks and monuments. May we, too, join our voices in praise to our Creator God. T&B



Wonders of Creation Geology Book

by Rachel Painter



To most people, rocks are boring. They don't bark or meow and, outside of what can be mined from them, don't have much significance. However, The Geology Book by Dr. John Morris will open your eyes to the treasures at your feet and how they glorify our Creator. This book is an excellent resource for anyone who has ever wondered about fossils, different types of rocks, and the various geologic processes that have shaped the

earth. From earthquakes to volcanoes to continental drift and how to date the age of the earth, this book is filled with color diagrams and photographs which will make even the complicated geologic processes clear and simple to comprehend. The last few chapters of the book give an explanation of the Grand Canyon, Mount St. Helens, and other geologic events — all from a young-earth perspective. It also contains sections on the Flood of Noah, the Ice Age, and many common evolutionary problems in

the area of geology. Written on an upper-elementary to junior-high level, this 80 page, hard cover edition will be hard to put down; but don't think you have to be a youngster to enjoy it. Any adult who would like a good overview of geology will want this book. It can make a fun conversation piece for your coffee table, and be a valuable addition to any library. To order, check out our special offer in the enclosed insert, call (970) 523-9943, or visit: www.discovercreation.org. T&B

Where Do Rocks Come From?

by Mark Sonmor

Studying rocks and their origins can be overwhelming. Learning the names of the 2,500 minerals alone can be a daunting task. Simplifying the information into a few basic categories and defining some terms may help, such as:

Mineral — Non-living solid in its basic form. (Feldspar, Quartz, Calcite)

Gem — A mineral that is valued for its beauty and flawlessness. (Ruby, Emerald, Sapphire)

Rock — A collection of minerals.

Rocks can be divided into 3 basic groups: igneous, sedimentary, and metamorphic. The diagram, at right, gives a general understanding of how most rocks are formed. Many aspects of the process are open to speculation since they can't be directly observed. Processes that formed much of the sedimentary and metamorphic rock took place on an incredibly large scale under forces and conditions vastly different than those observed today. T&B

Igneous Volcanic Rock

Molten rock that has cooled at or near the earth's surface.

- Basalt
- Rhyolite
- Andesite
- Obsidian
- Tuff

Chemical Sedimentary Rock

Rock derived from chemicals dissolved in water.

- | | | |
|--------------|----------------------|------------------|
| ① Evaporites | ② Precipitates | |
| • Salt | • Some limestones | • Chert or Flint |
| • Gypsum | • Some salt deposits | • Flowstone |
| • Anhydrite | • Dolomite | |

Clastic Sedimentary Rock

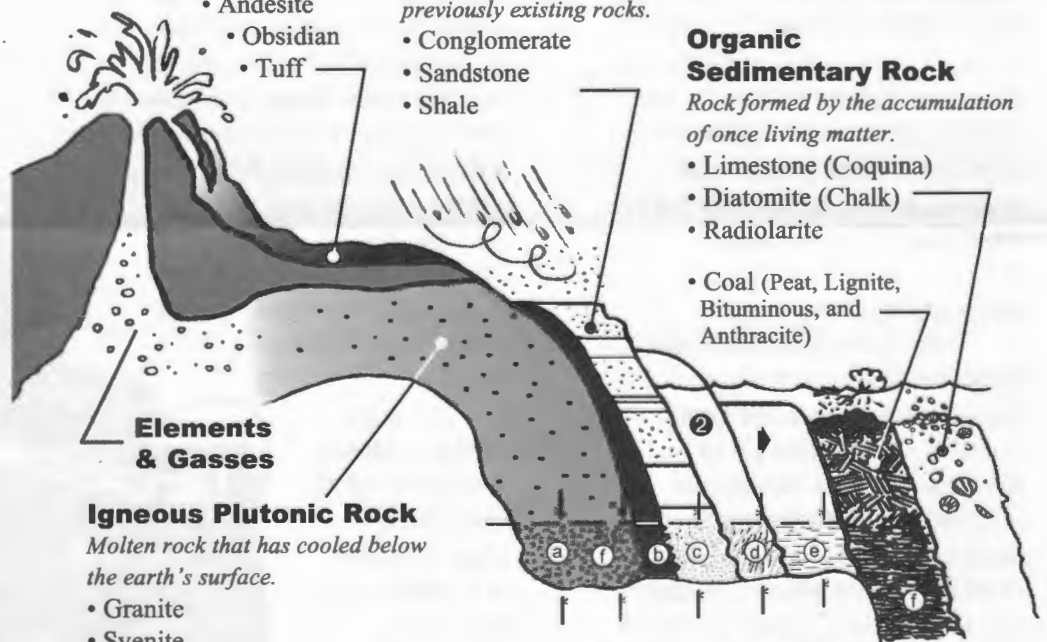
Rock derived through erosion and recomposition of previously existing rocks.

- Conglomerate
- Sandstone
- Shale

Organic Sedimentary Rock

Rock formed by the accumulation of once living matter.

- Limestone (Coquina)
- Diatomite (Chalk)
- Radiolarite
- Coal (Peat, Lignite, Bituminous, and Anthracite)



Elements & Gasses

Igneous Plutonic Rock

Molten rock that has cooled below the earth's surface.

- Granite
- Syenite
- Monzonite
- Diorite
- Gabbro

Metamorphic Rock

Rock that changes form due to heat and/or pressure

- | | |
|------------------------------|---------------------------------|
| Ⓐ Gneiss (from Granite) | Ⓓ Slate and Schist (from Shale) |
| Ⓑ Greenstone (from Basalt) | Ⓔ Marble (from Limestone) |
| Ⓒ Quartzite (from Sandstone) | Ⓕ Diamond (from Carbon) |

Pet Rock Revival

by Dr. Dan Korow

[In the life of a veterinarian unusual cases are not uncommon. This is a silly, fictional story but it can illustrate the problems with determining the age of rocks and the age of the earth.]

First year veterinarian, Dr. Green, enters an exam room confident he can diagnose any problem. What he discovers throws him for a loop! A young geology student, named Bias is dejected over the contents of a battered shoe box. Expecting to see a dying pet, he opens the lid to find two pet rocks, named Helen, and Woody.

Surprised and suspicious, Green quips, "Don't tell me; you told them to roll over and play dead." "No," Bias responds, "You don't understand. This is an emergency. Helen is very, very sick. She has grown ancient almost overnight. She is unresponsive, and cold to the touch. She used to have a great personality. Fix her Doc!"

Somewhat flustered, Green asks, "Uhm, how old is she?"

"Well," Bias replies, "21 years ago she was born at Mt. St. Helens. A scientist spotted her, picked her up, slapped her on the underside, and threw her into the back of his pickup truck."

"Okay...so Helen is 21," said Green, feeling foolish writing this in the medical chart.

"No!, that's just it," Bias cries, "I've been told she's really 340,000 - 2.8 million years old!"¹

"Make up your mind. How can she be that old if she was born in 1980?" Green asked.

"See," Bias wailed, "She's prematurely aging! Please, make it stop!"

"Wait a second; who says she's so old?" asked Green.

"My professor said so based on radiometric dating. When lava solidifies into rock, the original radioactive material (the parent compound) begins

to break down, or decay into more stable forms (the daughter forms). For example, if the original contained 100 atoms, and 4,000 years from now only 50 atoms remain, the time period would be called the half life. Scientists assume that this decay rate is always the same based on the concept of uniformitarianism. They also assume that this rate can be extended into the distant past (Extrapolation). Thus, scientists determine a rock's age by comparing the amount of parent form to daughter form, and determine the number of half lives necessary to produce that ratio."

"How do they know the original amount of parent compounds Helen started with?" Green questioned.

"I'm not sure. I guess it's based on certain assumptions."

"How do they know that the parent and daughter amounts are directly related. Couldn't these amounts vary if these substances can move in or out of the sample."

"I guess so. They probably have assumptions about that too," replied Bias.

"How can they be sure that these decay rates have remained uniform over all those years?"

"I guess they just assume that as well!"

"Bias, you first said Helen was formed just 21 years ago. How can the other ages be right?

They are based on some unprovable assumptions about the unobserved past," said Green, erasing the old ages from the chart.

"If we can't trust radiometric dating on events of known

age, why should we trust it on events of unknown age? Unprovable and untestable assumptions could easily lead to unreliable, inaccurate results."

"Wow... I never thought of that," replied Bias. "Hey Doc, Helen is looking younger already!"

Green then looked at the second pet rock, also made of lava. It had a charred piece of wood exposed to the outside. He asked, "What's wrong with 'Woody'?"

"He's in suspended animation," Bias replied. "This wood fragment is just 45 thousand years old based on carbon 14 testing. But the lava dated by the potassium-argon method says it's 45 million years old."²

"Wait a second," probed Green. "Shouldn't both ages agree? How do they know which date is correct, when dates are vastly different?"

"Sometimes scientists rerun their tests multiple times before they get the right birthdate. They often choose the birthdate based upon the rock layer's position in the geologic column. This position is determined by specific fossils that are believed to have lived only in certain time periods."

Green interjected, "So, the rock layer dates the fossil, and the fossil dates the rock layer. That's circular reasoning!"

"Uh...I guess so. Maybe these ages aren't written in stone after all! I'll have to rethink this. Dr. Green, could you look at one more pet?" It's my dog, Evolution. He won't stop chasing his tail! **T&B**



¹ "The rock which formed at the eruption of Mount St. Helens in 1980 contained much argon, even though it should have contained none. In fact, one of its minerals "dated" at 2.8 million years, when it was only 15 years old. Volcanic rock formed in the recent eruptions of Hawaiian volcanoes dates at 30 million years old." — The Geology Book, Dr. John Morris, 2000, p. 52
²A.A. Snelling, "Radiometric Dating in Conflict," Creation, 20(1):24-27, Dec. 1997- Feb. 1998

They Love Me... They Love Me Not...

by Dan Korow

For the past 25 years, Lucy (*Australopithecus Afarensis*) has been touted as the best evidence for human evolution. Suddenly, thanks to the discovery of *kenyanthropus platyops*, some no longer consider Lucy to be a viable human ancestor. The following quotes show how man's ideas constantly change. Thank God His Word never does.

"I Love Lucy" (That was then...)

"Johanson's evolutionary model places 'new species' [Lucy: *A. afarensis*] at the root of human evolution. ..." *Science News* Jan 20, 1979 Vol115 #3 *New Species of Man: Ancestor from 'Afar'*



"Several species of hominids have been found that help trace human evolution from the emergence of modern Homo Sapiens 40,000 years ago to *Australopithecus afarensis* about 4 million years ago. ..." *The San Diego Union*, April 6, 1984, *5 million-year-old fossil found, hailed in study of man's history*

This is now...

"I Love ~~Lucy~~ Kenyanthropus

"For 20 years, most scientists have agreed that *Australopithecus afarensis*, represented by the famous Lucy skeleton found in Ethiopia, is the direct ancestor of the many branches of hominids--upright walking human-like primates-- including modern man. But Meave Leakey and colleagues report in this week's journal *Nature* that the new species, named *Kenyanthropus platyops*, Greek for "flat-faced man of Kenya," lived at the same time as Lucy's species. And, they argue, modern humans can't be directly related to both. The finding casts sudden confusion over scientists' understanding of early humans and possibly adds a whole new main trunk to the human family tree."



ABC News,
March 21, 2001

"...at 3.5 million years old, the *Kenyanthropus platyops* skull is almost twice as old as 1470 man. [and]...threatens to double the antiquity of the human lineage at a stroke..." *Nature*, March 22, 2001

Contrary to Popular Belief...

— an evolutionary scientist speaks out against radiometric dating methods

"Ever since...the 19th century, fossils have been and still are the best and most accurate method of dating & correlating the rocks in which they occur...As for having all the credit passed to the physicists and the measurements of isotopic decay, the blood boils! Certainly such studies give dates in terms of millions of years, with huge margins of error, but this is an

exceedingly crude instrument with which to measure our strata and I can think of no occasion [sic] when it has been put to an immediate practical use. Apart from very 'modern' examples, which are really archaeology, I can think of no cases of radioactive decay being used to date fossils." — D. Ager, (evolutionist) *New Scientist*, Nov. 10, 1983, p.425

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AOI to Africa

by Richard Stepanek

AOI needs your prayers and support for a trip to Africa! After hearing my lecture on Evolution and the New Age movement, a student from Tanzania shared his burden for his people who are locked into pagan and spiritist religions. Learning the truth of Jesus Christ as Creator and Redeemer is fundamental to his people being freed from their demonic oppression.

His father, a pastor in Tanzania, later called to invite AOI to come there this fall. The Lord willing, Lanny Johnson and I will present a creation seminar to over 200 pastors from around Tanzania. We also have presentations scheduled in South Africa before returning home.

We covet your prayers for this project. The need is urgent and funds are beyond our current means. Please consider how God might be directing you in the support of this outreach. T&B

Upcoming Events

July 27-29, Salida, CO, Salida Christian Fellowship, Family Retreat, Contact Dan Lowe, 719-529-7728 D&AK

Aug 5-10, Pagaosa Sprgs, CO, Community Bible Church, Adult Seminar and VBS, Contact Camelia Coray, 970-731-5359 D&AK, L&MJ

Aug 7-9, Manitou Sprgs, Summit Min., Youth Leadership, Contact 719-685-9103 DN

Aug 12-17, Lake City & Camp RedCloud, CO, Creation Mt Adventure, Contact 970-523-9943 D&MJN, L&MJ, R&SS, D&AK

Aug 19, Lake City, CO, Grace Fellowship, Contact Bob Inge 970-944-2711 DN

Aug 27-29, Manitou Sprgs, Summit Min., Youth Leadership, Contact 719-685-9103 DN

Sept 3-4, Manitou Sprgs, Summit Min., Youth Leadership, Contact 719-685-9103 DN

Sept 12, 13, Montrose, CO, St Paul's Episcopal Church, Contact Darrel Garten 970-249-0842 DN

Sept 20-22, Grand Junction, CO, AOI Staff Development, all staff

AOI Needs:

- Copy Machine
- Secretarial chairs
- Video Projectors
- Laptop Computers
- Ram memory
- Financial donations