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# Rock Strata Falsifies The Idea Of An Old Earth

The headline is a pretty bold statement, but I will back it up L beyond any doubt. First, some starting data. Figures 1 to 4 at the right illustrate the naturalists' explanation of the buildup of lavers of strata.

In Figure 1, it is 560 million years ago. All of the continental plates Lare flat on top and no sediment has started to build on them. But, you see that there is sediment in the water and it is going to deposit on the plate. In Figure 2, a layer of sediment has accumulated on the plate and there is no more sediment in the water. Another possibility is that the water has retreated so there is no water above the top of the first layer of sediment. In figure 3, there is water full of a new sediment. Figure 4 shows a new layer has settled on top of the first layer. This sequence repeats dozens of times which results in the strata we see around us in Sedona and all the world.

s sediment accumulates a process called evulsion occurs. We Continental Plate Aneed to understand evulsion as it is a critical part of mak-

Fig 1 Continental Plate

E: Eternal

Fig 2 Continental Plate

Fig 3 Continental Plate

Fig 4

See Strata on page 2

## Greenland and Ice

Greenland has undergone great cycles in climate. At times, such as during the ice age, it was totally covered in thick ice. Now, about 20% of the area has summer thaw and is inhabited by people. An ice core drilled 2 miles deep in the center of Greenland 30 years ago contained soil at the bottom. In the soil is willow wood, insect parts, fungi, and a poppy seed in pristine condition. The scientists concluded that Greenland was completely free of ice less than one million years ago. And, it was ice free long enough to establish an ecosystem. Of course the scientists are concerned that humans will warm the earth enough to cause another melt, raising sea levels. What were the names of the people who caused the warming a million years ago? On the other hand, who turned down the heat when WWII fighters were dug out of 250' of ice just a few decades after the war? Yes, the planes were covered in 250' of ice. The climate is always changing and we are nowhere near an extreme of cold or hot anywhere in the world. Remember that "science" is a methodology, Science doesn't "say" anything. Scientists draw conclusions by interpreting data based on how to get the next research grant. Creationists don't get grants so we can draw conclusions based on data and logic.

## Atheist Pleads for a Christian Culture

hristopher Hitchens, Richard Dawkins, Sam Harris, and Daniel Dennett were the foundation (called the Four Horsemen) of what was known as the New Atheists. The leading atheist spokesman going into the 1990s was Antony Flew. In the 90s the New Atheists came to the forefront. Meanwhile, in 2004, Flew proclaimed himself to be a deist. Flew was a logical man and realized that the genetic code had to be created by an intelligent agent. See Athiests on page 4



But Jesus answered, "I tell you, if these (his followers) become silent. the stones will cry out!" Luke 19:40

We must speak for silence would shame us, and the rocks themselves would cru out... You. O Lord Christ Jesus, must be praised for who You are in the world You have made.

Hello! The latest science is full of new findings that show that God, in the person of Jesus, is Creator of the universe, you and us. Thank you for joining us in learning the Good News.



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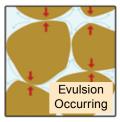
end statement will be sent after the first of each year. Your prayers are especially appreciated. Thanks!

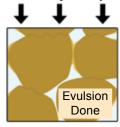
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#### Strata from page 1

ing strata lines. In fact, if evulsion did not occur, there would be no strata lines.

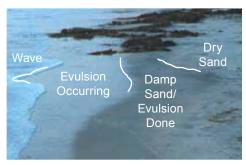
Wikipedia has a nice page describing the process. In the left panel, you





see sediment that has just been deposited. Notice that the particles are not touching each other. There is a small space between them. That space is filled with water. The weight of the sediment pushes down, as indicated by the arrows, forcing water out from between particles. That process of forcing out the water is called evulsion.

In the right side panel, the water has been squeezed out and water now fills only the open pore space. That process does not take long. Here is an example of evulsion we have all seen:



Awave came in and is now going back out. The wave brought sand particles with it. Those sand particles (and water) are deposited as the wave comes in and goes out. The wave stopped short of the area of dry sand. As the wave retreats, evulsion immediately starts occurring. The evulsion process goes pretty quickly.

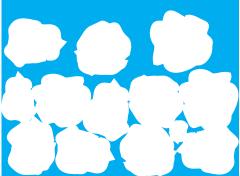
What causes strata lines? They can be caused by a change in sediment material, size, color and more. Looking at the photo below, notice there is a distinct



line between the layers of strata. That line is cause by the rock being weathered deeper at the strata line than elsewhere in the vertical surface. Here is another example:



Strata lines like these are found everywhere you look at rock cliffs. These strata lines are caused by a pause in deposition of the sediment. Let's see how that works using this graphic:



Notice that the bottom two rows of sediment have undergone evulsion. They are packed tightly together and intertwined. They were able to intertwine because they settled during the same period of deposition and evulsion. Deposition paused and all the sediment settled in together. A new period of deposition has started. The top row is new sediment. This new row will not be able to intertwine with the earlier deposited rows because there are no places where the new row of sediment can intertwine with the previously deposited sediment.

The sediment turns to rock over time. There is a weak boundary layer in the rock because the sediment particles could not intertwine. Water will be able to weather and carry away material along that boundary. You will see it as a slot weathered back into the rock face. Each slot you see represents a pause in the deposition.

You will see many boundaries between layers that are not weathered into a slot. At those boundaries, you are looking

at a change in material of some sort or you would be able to see the boundary. Here is an example of boundaries where there was no pause in deposition:



So, now it is time to look at why the naturalists' explanation for the boundaries where weathering has formed slots in the rock at boundaries is false.

How fast does the sediment accumulate? Looking at various sources, it appears that the accumulation rate is about 3/4" per 1000 years. It could be quite a bit more or less and have no effect on my argument.

The average size of a particle of sediment is bout .0025". To make a stack 3/4" thick would take 300 particles. You can think of the area of a layer as many stacks of particles. The rate of deposition is one particle every 2.5 DAYS! It could be 3 particles or 3000 particles and make no difference. The rate of deposition would still be extremely slow.

We can look at this situation from two possible angles. The first is that deposition is continuous. But a particle is only being deposited every 2.5 days. Remembering how fast evulsion occurs looking at the wave photo two columns ago, every particle will have undergone evulsion before the next particle is deposited.

The second is that there is a pause after every particle is deposited, and evulsion occurs before the next particle is deposited.

The effect is the same either way. Either the entire thickness of the layer will be weak because no particle can get intertwined or every particle gets intertwined. Either way, the entire cliff face would be eroded exactly the same. That means there would be no strata lines. The strata lines are the result of increased weathering occurring at the boundary where intertwining does not occur.

Therefore, the fact that there are strata lines weathered as slots into a rock face requires that the entire column be laid down in just a few months, which is exactly what happened in Noah's Flood.

Noah's Flood covered the continents with sediment via tsunamis two or more miles tall. Layers were laid down one right after the other. During the time of the tsunamis (about 3 months) there were tens of thousands of earthquakes. The shaking from the earthquakes would cause very short pauses (a second or so) in deposition resulting in boundaries that would be weathered as we see them now.

### Bio-turbidity

For those who are not real scienceminded, the first part of this article may be a bit difficult to digest. That's OK. There is a second reason that the naturalists' explanation for deposition of 3/4" per thousand years is wrong. Bio-turbidity.

Naturalists' believe that sediments were deposited in shallow waters. That makes sense because the rocks are filled with sea creature fossils. Sea creatures, especially bottom dwellers, tend to live in water 300 feet deep or less. Below that there is a lack of sunlight and oxygen.

At 3/4" of deposition per 1000 years, it takes 50 years just to deposit 4/100 of an inch of sediment. Up to the right are some photos of life on the sea floor. Critters of all types are moving over the floor of the oceans. They are tearing up the top part of the floor, totally destroying strata lines, both of the slot weather type and the simple change in material type. ALL STRATA IS CONSTANTLY BEING DESTROYED BY SEA FLOOR LIFE.

The most abundant fossil in the rock record is clams. According to Wikipedia (under Clams), they like to burrow halfway into the sandy bottom, thus disturbing 500 years of strata formation in a fraction of a second.

Oysters dig down into the sandy bottom which will disturb up to 6000 years worth of strata.

The top graphic on this page is of a whale that is decomposing. The photo was presented as part of a poster (poster sessions are common at science con-



ferences) at the International Taphonomy Meeting, Barceloina 2005. The researchers found that a whale carcass is eaten within four to six months in a shallow sea. In this case it was the Pacific Ocean off the coast of northern California.

The amazing part is that the bones are eaten by worms that live in the sea floor. Those worms can burrow up to 15 feet deep into the sand. That is 20,000 years worth of strata lines.

Imagine all these critters disturbing strata lines... Billions (trillions?) of critters at any given time. Most of them will be digging into or moving around on the ocean floor. In any 1000 year period, how many creatures will disturb the very same spot over and over again?!

Physics tells us that the strata can never form if the sediment is deposited slowly. Observation of living sea creatures proves that if strata lines did actually form, they would last a few years at most before being totally destroyed.

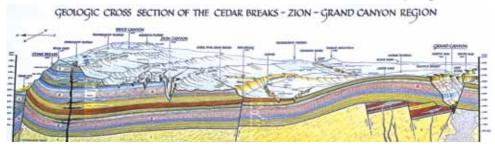
few years ago, I did a series on how slow deposition over time is disproved by the rock strata column we see. Look at the graphic below. The geological column looks virtually the same everywhere over all the continents of the earth. Everywhere is dozens of layers of strata with no evidence of erosion ever occurring until all the layers are in place. Here is a simplified graphic of the column of layers of strata (next column):



ll over the earth, the column has flat layers, as the left figure shows. We see no stream beds, rivers, lakes, etc. Every boundary is flat and straight. Once all the layers are in place, suddenly erosion begins. In Utah, there are sedimentary deposits up to around 13,500 feet above sea level, and erosion down into the crust of the earth. How could there be zero erosion for 500 million years? And how did life not die of thirst since there could not have been any rain? How??? I have asked naturalists and get assurances the fairy tale is correct with NO scientific explanation... Because there isn't one, their belief is science denial.

Thave explained earlier that Noah's Flood was catastrophic with tsunamis over two miles tall. As they came across the edge of the continents, they eroded the (partially sea bed) continental surface and picked sea creatures and deposited them along with sediment in layers that we see today. No other process can explain what we see (email me if you know of one).

God, in the person of Jesus, is the creator of the universe, you, me and principles of logic that lead to the only possible conclusion... The Bible is Truth and the naturalists' narrative is impossible. Trust Jesus, our only hope. CRM



### Atheists from page 1

The goal of the New Atheists was the total removal of all religion from society. Of course, atheism is also a religion. They didn't take that into consideration. The fact is, we all have a religion. It may or may not involve a deity, but as Bob Dylan wrote:

You're gonna serve somebody. May be the devil, May be the Lord, But you're gonna serve somebody.

Two of the Horsemen have gone to

I meet the devil, Christopher Hitchens and Daniel Dennett. I haven't heard from Sam Harris in many years, but Dawkins still makes himself known.

At the same time, the Four Horsemen and their minions were calling Christians every vile thing they could think of, accus-

ing all of us of being child abusers because we taught them about Jesus. Other atheists realized it wasn't that simple.

In 2008, Matthew Perry wrote an opinion piece that was published in many places. Here is one sentence:

Now a confirmed atheist, I've become convinced of the enormous contribution that Christian evangelism makes in Africa...

We have a link to the story on our web page. I recommend you read it. He explains how his return to Africa after being away for 45 years was a startling revelation about the huge positive societal values of Christianity.

Dawkins came up with the idea of societal memes. Now we see memes all the time. But the memes we see today are not like the memes Dawkins was talking about. Specifically, he declared that religions are mental illness memes.

Professor Susan Blackmore wrote a book called *The Meme Machine* and



became a leading advocate of Dawkins idea that religion is a virus of the mind. In 2010 she renounced this thinking for good scientific and logical reasons.

- 1. Natural selection favors religious people as we have more children.
- 2. Research shows Christians "... can be more generous, cheat less and cooperate more in games such as the prisoner's dilemma, and that priming with religious concepts and belief in a "supernatural watcher" increase the

effects."

3. She didn't mention the additional research that shows Christians are happier, better able to deal with travesty and much more.

Douglas Murray is a former Christian who has converted to atheism. He is surprised that several of his intellectual peers have converted from atheism to traditional Christianity. They studied Christianity and see the logical benefits. If you think this is rare, search for *atheists praise Christianity*. You will find a lot of very interesting videos of atheists speaking about Christianity.

Dawkins has stated that he likes "cultural Christianity." He understands that is was Christians who made slavery illegal in the western world. Christianity brought peace and technological advancement and so much more to the western world.

Somehow, these New Atheists think you can have all the positive things of a Christian culture without Christianity. You can't. It is blatantly obvious you can't when you see how secularism is literally burning down the western world.

God, in the person of Christ Jesus, is the creator and source of light and truth, you and me. He let's *you* choose whether you want truth and light or the lack of truth and light, secularism. I pray you choose truth and light. Call on the name of Jesus to leave behind lies and thick darkness, the lack of God. CRM

#### QUOTE:

Emergence can only be ascribed to a phenomenon in retrospect, once you already know what has "emerged". The higher-level properties that emerge are qualitatively different from those at the lower-level — otherwise it wouldn't be "emergence". So by necessity they could not have been predicted from the lower-level ones. The properties of "intelligence" could not have been logically foreseen from the properties of neurons unless you had already observed that property emerge in a similar substrate. And even then it's just a guess that is likely to be wrong given the complexity of the interactions involved; small differences can easily invalidate the hypothesis. In both cases emergence gives no new information: when explaining existing examples it gives you no new insights about the processes except that they happen; and when predicting unknown behaviours it gives very poor guarantees that anything you expect to happen will do so.

Emergence is only really valid as a general metaphysical classification of certain phenomena. It's a metaphysical category, like "cause", "effect" or "change". Using the word when explaining cognition is not wrong per se, it just has no real meaning or explanatory force. It's like having a theory of "thing-happened-ness" — it's correct, but void of content.

#### POINT:

Y. KULBASHIAN, "EMERGENCE" ISN'T AN EXPLANATION, IT'S A PRAYER," MEDIUM, JULY 15, 2023

Emergence is a meaningless word used in a way that words about magic are used. Emergence could be used to describe a gas engine. The parts by themselves do nothing, but together make a engine. But that emergence is actually the product of intelligent design, not time.