

**The Grand Canyon: Monument to an Ancient Earth - *Challenged***

A book Review and Response

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Reviewed book data:

*The Grand Canyon: Monument to an Ancient Earth*

by Gregg Davidson, Joel Duff, David Elliot, Tim Helble, Carol Hill,

Stephen Moshier, Wayne Ranney, Ralph Stearley, Bryan Tapp,

Roger Wiens & Ken Wolgemuth

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The book, *The Grand Canyon: Monument to an Ancient Earth*, has one singular purpose: To invalidate "flood geology" as promoted by Young Earth Creationists (YEC). It asks the question: Can Noah's flood explain the Grand Canyon? A host of lettered experts in the fields of geology, paleontology, biology, hydrology and related disciplines are among the authors (henceforth "the authors"). It is certainly a beautifully bound book with exceptional photos and illustrations and the authors are persuasive in their pursuit. They discuss the two opposing views on flood geology, how geology works, the story fossils tell, how the Grand Canyon was carved, and they bring a verdict of "no" to flood geology.

This review presents mostly negative observations with simple answers to some of the questions raised. We will make complaints against the geological basis claimed by the authors, but particularly, a strong objection to the theological assumptions made and the reckless abuse of Scripture. This work has become a polemic more than a book review.

So I will argue against the themes of this anti-flood book but from a young *biosphere* view, not from a young earth / young universe view. Hence we will also object to a dogmatic young planet earth and a dogmatic young universe by young earth creationists. Both are undefined in age biblically. It is the biosphere only that is defined at less than 7000 years old. I will not make a biblical defense of YBC, the young biosphere creation view of Genesis, at this point but it constrains much of my reasoning in this paper.

The Bible will be shown to be *literally true* and it will color all of our conclusions. I will show that it makes the most sense geologically with every objection suggested by the authors easily dismissed by rational thought and factual science and which harmonizes beautifully with Scripture. *Theology will help to understand the geology.*

Because the authors make a feeble attempt to discuss biblical texts (See page 28-29) therefore, I will focus my response appropriate to that, with a defense of the Bible as it relates to flood geology.

After establishing firmly that the authors work has no biblical foundation for their view as they claim, I will offer corrections to common misconceptions by all parties (including YEC's) regarding Noah's global flood.

Listed they are:

#1 The fountains of the great deep do not refer to water fountains but to flood basalts of lava and volcanoes worldwide. #2. Young Earth Creationists, who are the specific target of the anti-flood book, are found with a very vulnerable weakness of that group. Bible believers must NOT insist that the stellar universe and the sterile planet earth are only 7000 years old. The Bible does define the age of the biosphere (living things and a home for living things) as less than 7000 years old, but the planet earth before the six day creation of life and the universe are not defined in date. #3 The Bible explains the cause of the flood to be the *sinking* of the entire continent until everything was covered with water by at least 20 feet. In the course of one flood year, geologic conditions of all kinds, raging torrents, hot bright sunshine and the consequences of asteroidal impacts existed simultaneously in various places as the flood progressed. #4 Isotope dates by the authors might have limited credibility for some Precambrian geology but none at all for strata containing any life. #5 Conclusive, factual destruction of any possibility of evolution, theistic or atheistic, is obvious from created life. #6 Intellectual embarrassments in the past should warn us who dogmatize prematurely. #7 Answers are given to some of the complaints the authors make against flood geology.

We begin with the authors' claims that "flood geology" is not biblical and they propose biblical arguments against flood geology (p 25 last sentence). They

insist that the flood was local over just the human population. One wonders why build an ark if Noah could simply collect animals above the flood maximum. They say that the words of Genesis can be "interpreted differently" and they accuse flood believers of "a selectively literal reading of Genesis." They say that "waters covered the mountains" from usages elsewhere in O.T. could mean "drenched" (examples not referenced). "Above the mountains to a depth of twenty feet" could mean "against the mountains" instead of over them (p26-27) again no supporting references supplied).

If it were not so tragic it would be laughable to accuse young earth creationists of making a "selectively literal reading of Genesis" when those critics are themselves the worst offenders. They force very plain language into interpretations far past the literal meaning to an invented meaning to support their agenda and far from the obvious textual meaning. Their accusation may truly apply to some creationists but it surely applies much more to themselves.

I do not speak disrespectfully or vindictively but with compassion and understanding because I have made serious mistakes myself.

I acknowledge at the outset, that young earth creationists are all wrong about any questions that relate to the age of the universe, the age of planet earth or to isotope dating. That is a given for this writing. The universe could be old enough for light to arrive from distant galaxies and planet earth could be old enough to account for radioisotope dates, at least in theory for some applications, but the authors and their evolutionist colleagues in the academic world have made some serious mistaken assumptions regarding isotope dating.

I will supply adequate geology shortly but first, I include five translations of the disputed texts in Genesis, all created by Hebrew experts, plus a list of 26 other English translations, all which give essentially the same unmistakable description of the flood waters.

The five translations of Genesis 7: 1-9 are copied verbatim. All the rest convey the identical meaning and their versions will be listed following the direct quotations.

Genesis 7:19-22

ESV: And the waters prevailed so mightily on the earth that all the high mountains under the whole heaven were covered. The waters prevailed above the mountains, covering them fifteen cubits deep. And all flesh died that moved on the earth, birds, livestock, beasts, all swarming creatures that swarm on the earth and all mankind. Everything on the dry land in whose nostrils was the breath of life died.

NASB: And the water prevailed more and more upon the earth, so that all the high mountains everywhere under the heavens were covered. The water prevailed fifteen cubits higher and the mountains were covered. And all flesh that moved on the earth perished, birds and cattle and beasts and every swarming thing that swarmed upon the earth and all mankind; of all that was on the dry land, all in whose nostrils was the breath of the spirit of life died.

NKJV: And the waters prevailed exceedingly on the earth, and all the high hills under the whole heaven were covered. The waters prevailed fifteen cubits upward and the mountains were covered. And all flesh died that moved on the earth, birds and cattle and beasts and every creeping thing that creeps on the earth and every man. All in whose nostrils was the breath of the spirit of life, all that was on the dry land died.

NIV: They rose greatly on the earth, and all the high mountains under the entire heavens were covered. The waters rose and covered the mountains to a depth of more than twenty feet. Every living thing that moved on the earth perished - birds, livestock, wild animals all the creatures that swarm over the

earth, and all mankind. Everything on dry land that had the breath of life in its nostrils died.

YLT (Young's Literal Translation): And the waters have been very very mighty on the earth, and covered all the high mountains which [are] under the whole heavens; fifteen cubits upward have the waters become mighty, and the mountains are covered; and expire doth all flesh that is moving on the earth, among fowl, and among cattle, and among beasts, and among all the teeming things which are teeming on the earth, and all mankind; all in whose nostrils [is] breath of a living spirit - of all that [is] in the dry land -- have died.

Added to that is a list of 26 other English translations which all give the identical meaning. They are: American Standard Version, Bible in Basic English, Common English Bible, Complete Jewish Bible, Darby Tr., Douay-Rheims Catholic Bible, Holman Christian Standard Bible, Good News Tr, God's Word Tr., Hebrew Names Version, Jubilee Bible, King James Bible, Lexham English Bible, Septuagint Bible, The Message Bible, New Century Version, New International Reader's Version, New Living Tr., New Revised Standard, Orthodox Jewish Bible, Revised Standard Version, Third Millennium Bible, Tyndale Version, Webster Bible, World English Bible, Wycliffe Version.

These are all done by Hebrew scholars or committees of scholars and they all say the same thing, in essence. There was a global flood with absolutely no uncertainty.

God is merciful so I can still regard the authors of this anti-flood book who say they are Christians to be such, but I find it impossible to call them Bible-believing Christians.

Honestly, do anti-flood people seriously think they can justify their renditions superior to these 31 Hebrew experts? Rather it is plain that they are forcing the text to support their view.

They say the Bible had "different meanings when they were written" (p26 par 1). Well, when these words were written, they all knew what "water" was and mountains, and "above" and "covered." What meanings did they have which is not essentially the same today? It is true that some meanings of some word and phrases may have changed, but tell us what "water" and "all the mountains" and "above" and "covered" meant in Noah's day. What kind of "different meaning" can you propose for them?

Find a scholar who would risk his or her professional reputation on the translations suggested by these anti-flood authors. I doubt if you would find one qualified scholar in 500.

*Elucidation* to get the textual meaning clarified is okay and can be welcomed. *Tampering* with the meaning, as the authors have done, most certainly is not. If only elite sages or scholars or priests (or geologists) are allowed to pronounce which is right, then there is danger of authoritarian heresy, which has been the blight and bane of history, *because spiritual blindness has no intellectual barriers*. But if humble Bible readers, of all intellectual grades, call persistently on God for illumination, then that truth is much more secure.

We could pursue more here but I choose now to rather introduce several thoughts which may aid our thinking as we answer the multitude of suggested questions the authors have against flood geology.

I have solid assurance biblically, of what follows here, but regarding geology I cannot claim any authority. So, if anything I offer can be refuted, okay,

and I will be grateful for correction. Nothing will threaten flood geology if some of my postulates are proven false.

#1. The "fountains of the great deep" (Genesis 7:11) *were not fountains of water* but rather fountains of molten lava which immediately, within a few days after extrusion, cooled, being immersed in flood waters, and shortly after extrusion, harden into basalt rock. It must have been moving quickly for some of it to travel from Idaho to the Pacific on several layers of super heated steam and remaining liquid except perhaps for the surface skin. The lava flows moved quickly under a great depth of water or if sub aerial, it must have moved by gravity alone.

In scripture when *mayan* refers to water fountains it normally reads "fountains of water," but here it is the fountains of the *great deep*. "The fountains of the great deep were broken up (also translated ripped up, burst, cleft asunder, broken in pieces, torn, burst open, erupted, split open, burst open) and the windows of heaven were opened. And the rain was upon the earth forty days and forty nights" (Genesis 7:11).

One reason that I have concluded that it does not refer to water fountains is that we have no clear vestiges of pre-flood ultra-enormous water sources and what need do we have for them anyway? What would we need water fountains for in the middle of the ocean? Rather, there is abundant, ultra clear evidence of massive flood basalt "fountains" worldwide as well as innumerable volcanoes.

Notably there are the Deccan traps in India, hundreds of feet in thickness and extending to an area equal to California. There are the Siberian traps in northern Russia, five times bigger even than the Deccan traps, then all of Iceland, and the Columbia Basin basalts of Washington, Oregon and Idaho. World wide there are 18 different flood basalt flows (per Wikipedia) many of them much bigger than the Columbia River flow which, although extending from Idaho to the Pacific coast, has a surface area of only 160 thousand square kilometers. The

Deccan traps span 1500 thousand, Caribbean province 2000 thousand, Siberian traps 7000 thousand, Karoo and Ferrar in southern Africa 3000 thousand square kilometers. Add to that the hundreds of volcanoes and guyots.

A biblical indicator is in Amos 7:4-6 which enumerates various possible judgments for disobedient Israel. "Then the Lord GOD (Yahweh) showed me, and the Lord GOD was calling to contend with them by fire, and it consumed the *great deep* and began to consume the farm land.

Then I said, Lord GOD, please stop! How can Jacob stand for he is small? The LORD (Yahweh) repented for this. This also shall not be."

Flood basalt flows were, indeed, fountains of red hot lava and they certainly originated from the *great deep* and they are just too obvious to be ignored. They must be accounted for, in the geological and biblical record. Accepting them, along with hundreds of volcanoes, as fulfilling the Genesis 7:11 "fountains" does just that. We have a battered and literally bleeding planet and the flood basalts, volcanoes and guyots world wide are undeniable proof of it. It has been bleeding lava, profusely at first, and continuing to this day on a micro, micro level.

The Hawaiian Islands, now a paradise, along with many others worldwide, were formed by volcanic eruptions after the flood and they are part of the fountains of the great deep and still today tiny vestiges of those fountains continue to erupt. The *only* fountains that come from the "great deep" are the many volcanoes and the "flood basalts" which erupt as red hot lava. The planet Venus seems to be mostly flood basalts and may have had a similar impact and eruptive history only worse. God controlled ours to preserve life after a world cleansing, and with vivid reminders for us to contemplate today.

There are only three references in the Bible to the "great deep." One is Genesis 7:11 which we are discussing, another one refers to the great depths of the

ocean and the other one is the passage in Amos describing a fiery fountain from the great deep.

Again, these are ideas which fit the biblical record as well as the geological record and known astronomical history. If anything can be proven fallacious, it will not change the Bible nor will it change the facts of geology. But let me ask the question: Did any anti-flood geologist think of these possibilities? Doubtful, indeed. If not, then start now. Yes, it depends on the biblical record but tell me where it is geologically untenable. I challenge anyone to dispute it with factual proof.

Likewise, if any YEC flood geologist has not thought of these possibilities, then consider modifying your view.

Nothing is mentioned of an ice “age” in the anti-flood book so I will only say that it was recent, and another interesting and logical result of the Genesis flood. Just as Tambora’s eruption in 1815 filled the atmosphere worldwide with reflective particulates, resulting in the absence of summer the following year, so all the fountains of the great deep created the so-called ice “age” following the flood for a few hundred years.

#2 Young Earth Creationists are the specific targets of the anti-flood book. It hits at a very vulnerable weakness of that (YEC) group. Bible believers must NOT insist, as they do, that the stellar universe and lifeless planet earth are only 7000 years old.

The Bible does define the date of the biosphere (living things and a home for living things) as less than 7000 years old but the sterile planet earth and the universe are not defined in date and therefore could, indeed be billions of years old as required by light from distant galaxies. Thus, YEC people display another weakness in their effort to respond to the anti-flood people, who will summarily reject a 7000 year universe as extreme nonsense.

The young *biosphere* view of Genesis (YBC) allows undefined time for the heavens and planet earth, before any living thing was made, but it holds a firm commitment to a young biosphere.

#3. The six days of Genesis were indeed miracle days (no problem for God). Which of the six miracle days is the one that an omnipotent, omnipresent and omniscient God could not accomplish, precisely as literally recorded? If some protest, "We do not deal with the supernatural. We deal only with measurable facts." I suggest, just listen and be surprised. We like measurable facts also, but when the word of God is clear, it trumps geological guesses. The record says that on creation day three, God elevated the submerged continent to rise above a universal ocean and furnished it with vegetation, trees and grasses. God created a beautiful world and He is a beautiful God.

According to II Peter 3:3-7 the global flood was caused by the *reversal of that day three elevation, thus sinking the land surface*, inundating the continent, until it was submerged as before day three. II Peter 3 gives this picture exactly for he ties the *elevation of the land on day three directly to the global flood* of Genesis 7. It took five months for submergence and seven months for reemergence and return to semi-normalcy.

After the six day creation was completed, God described the world as "very good." From that we *must* infer that there were no meteoric or asteroidal impacts, no earthquakes or volcanoes until after the fall and probably not until Noah's flood. Perfect weather and fairly even temperatures prevailed from pole to pole, with only mists watering the earth. There was no rain and no desolate areas. The world was like a terrarium. Natural sunscreens prevailed in the atmosphere. The entire Edenic world was perfect and beautiful. Sharks and spiders and tigers were all friendly. For creatures possessing *nephesh* (soulish) life, there were no deaths and population control for all creatures was automatic

until sin ruined everything. Probably some of these benign conditions partly continued until the flood to some degree.

An earth shattering asteroidal impact (or something equivalent, occurred 1650 years later, breaking earth's perfect crust into plates and bringing world wide upheavals. Our world was slammed calamitously, bruised, beaten and heavily damaged.

From what we know today, we can imagine a planet orbiting between Jupiter and Mars, at God's direction about 5000 years ago, was blown to smithereens, including its molten, metallic core. Most of the debris de-orbited into the sun and Jupiter, but a trivial amount continues today in asteroidal orbit plus hundreds of impacts were splattered all over the solar system.

One or more very big ones impacted the earth and triggered the global flood, sinking the continent to where it was before day three, thus overwhelming the land in a period of five months. Then it was restored to approximate equilibrium in another seven months.

This created two super-colossal erosion events, one when the water overwhelmed everything as the continent sank, and another one when the ocean of waters departed as the continents arose.

The impact may have affected areas deep within the earth, including breaking the perfect crust into the great plates we observe today, thus inaugurating plate tectonic movements. It is hard to imagine all the consequences.

Surely if God could elevate the continent on day three, He could also submerge it over five months to where it was before day three, then re-elevate it during seven more months and all this with Divine ease. "Surely I, even I do bring a flood of waters upon the earth to destroy all flesh wherein is the breath of life, from under heaven; everything which is under heaven shall die. But I will

establish my covenant with you (Noah)" (Genesis 6:17). "All in whose nostrils is the breath of the spirit of life, of all that was on the dry land died (Genesis 7:22).

All this is the consequence of a world in rebellion. God's wrath is no picnic when unleashed against an evil generation as in Noah's day. Should not we be forewarned as well?

One of the biggest obstacles to faith for many people is the old complaint, "How could a loving God allow pain and suffering in our world?" The answer to that most perplexing question of all time allows no excuse for anyone. It is answered in the book referenced in last page of this review.

In our point #1 we concluded that the fountains of the great deep were not water fountains but rather flood basalt fountains of lava and and volcanoes worldwide. With the continent sinking in the ocean as we conclude here, what function could water fountains have in the middle of the descending ocean? Isn't there enough water in the ocean through which the continent is descending? This should confirm our conclusion about lava fountains rather than water fountains.

Most of the complaints lodged by the authors can be easily explained using this simple understanding of raging, erosive torrents in some places as well as pockets or large areas of relative quiet, in other areas until overpowered by the descending continent and rising ocean. There was only one single continent (Rodinia) before the flood catastrophe (Genesis 1:9-10) perhaps 9000 or more miles wide.

Again (after forty days of rain) we have almost four months of time which could allow a month or more of wide areas in which hot, dry conditions prevailed. This answers every objection made by the authors (or most of them - with any remaining problems easily explained).

Then the land continued its descent to where it was before day three and everything that breathed with nostrils died. The descent could have been erratic -

first one side of the continent, then two weeks later (your guess is as good as mine) the other side like a wobbling saucer descending in water.

Descent could also have broken the single continent into sections, preparing for the present distribution of land masses. That would make the descent even more erratic and unpredictable. As the land mass descended, waters flooded the land masses long enough to erode to the Great Unconformity, then deposit the lower Cambrian strata of the world and as the continent descended progressively lower and lower creating higher and higher strata all over the world up to the Cretaceous. See pages 32 and 86 for nomenclature.

So imagine the world at full descent, all land being submerged by at least 20 feet, and all new sediments being suspended in water and settling into strata. Grand Canyon does not exist, Grand Staircase only exists as settling strata. The sediments which will become the Grand Staircase fill the area far beyond what is now the Grand Canyon and similarly all over the world to the maximum distance each stratum has ever extended, and so it was all over the entire flooded planet. During the five months inundation the enormous weight of each new stratum forces much of the water out of each lower layer and immediately begins the hardening process while the ocean remains over the continents. Try to visualize this breathtaking scene. A cross section map of the Grand Canyon area would help. Somebody should make a video.

Then the land areas begin ascending in a seven month process. The Americas and Australia begin separating from Africa and Asia. The waters begin the big runoff like no other has ever been, and it is worldwide as the continents rise. In the northern Arizona region, the Grand Staircase begins its formation as Bryce Canyon area emerges first, then on down the staircase again as each stratum emerges. The runoff erodes all the strata to today's topography, and the eroded material is suspended in water again as it rushes away.

Many regional features like the Colorado uplift also affect the erosional pattern. The pink cliffs, grey cliffs white cliffs form, opening a void for Zion canyon to empty its contents. Then the vermillion cliffs emerge, down to the hardened Kaibab formation which resists erosion thus creating the Kaibab plateau.

All these erosions are region wide, covering far beyond what will become the Grand Canyon area. Water depth above the plateau (let me guess) might be 200 feet. A crack (or something) develops in the hard Kaibab limestone, beginning one of many localized gashes into what will become the Grand Canyon. Within a few days, what had been a general flow of erosion, now begins to be localized, first a more directed stream flow. and finally increasing into a jet stream. Then a wide super jet stream developed which would excavate the Grand Canyon in a few months or less. An ocean is leaving the rising land.

Some will ask for a *mechanism* for such catastrophic processes (even though we do not need one because God can do anything). But I have another suggestion which may help some skeptics to believe a scenario such as this. (I need the help of geophysicists to confirm or deny.)

Deep in the earth is a seismic zone called the Mohorovicic discontinuity or the Moho. Long story short, it is a balance area where the weight of the upper crust and surface of the earth rests. The balance is accomplished by a "phase change" in the basalt / eclogite ratio (and other materials also). Just as water expands 8% when, by a phase change, it changes from water to ice, eclogite expands by an amazing 14% when it transforms into basalt.

Long story even shorter, imagine that super enormous asteroid of "Goldilocks" size striking the earth at the precise direction and control of God.

The earth would ring like a bell and like Mercury and the Moon have been blasted, forming "weird terrain" at antipodes to the huge impact which are visible on the Moon and Mercury today. Only this impact we are proposing was bigger by far than those seen on other moons or planets.

All around the globe (which had low elevations, no high mountain ranges before the flood) some of the basalt shrinks into eclogite due to the intense vibrations, pressures and who knows what else from the impact, thus sinking the continent.

This would actually shrink the earth's size. Perhaps ribs and rifts and folds would develop below the descending land from the crush of shrinkage.

The shrinkage at descent would squeeze and crunch together the earth's submerged crustal surface and seafloor, then conversely, when the planet returned to semi-normal with the land again above the waters, the earth would undergo expansion. Does this explain the normal faulted (stretched apart) mountain ranges and sea floor today?

Geologist Lester King wrote the book (1983) *Wandering Continents and Spreading Sea Floor on an Expanding Earth* NY John Wiley and Sons p168 ff. He finds "normal faults" (stretching apart rather than compressing) to be the norm around the earth. That is beautifully explained by the phase change (first basalt to eclogite) during shrinking then reversed (eclogite to basalt expansion) when the continents rose again.

But many questions rise. Some models do not find eclogite / basalt under the continent but only oceanic. Okay, then could it be peridotite reacting chemically and shrinking similarly? Or because our knowledge of the Moho depends on seismic reflections, is it possible that the lower regions are shadowed in seismic reflections by the nature of continental masses? Is the basalt / eclogite material

there but obscured? Anyway, *sinking occurred* by some means, that much is assured.

Are these new thoughts for either global flood or anti-flood devotees? Could phase change in the Moho, precipitated by a humongous impact, provide a mechanism for sinking the land to a water burial? It is one more possibility to keep us from jumping to conclusions too fast with other postulates. But we need help from open minded geophysicists and factual numbers from them.

An asteroidal impact and lava fountains are easily believable in today's world, but a sinking continent is harder to accept for most people. Give it some thought time and read it repeatedly from II Peter 3. What other option is there in the word of God?

The above was written before the March 24th, 2017 announcement below was made from the *Journal of Geophysical Research: Planets*.

"Mars, despite its current rusted and parched appearance, was once a world where water flowed freely. Detailed observations of the red planet's atmosphere and surface have led scientists to speculate that perhaps about 3.8 billion years ago, Mars had enough water to form an ocean, occupying almost half of its northern hemisphere.

"Now in a study published Saturday in the *Journal of Geophysical Research: Planets*, a team of researchers has argued that not only did Mars have an ocean in its northern hemisphere three billion years ago, parts of the planet may have experienced powerful tsunamis. Moreover, the researchers have even identified a crater that they say was created by an asteroid that triggered one such event.

"According to the authors of the study, the over 90 mile wide Lomonosov crater, located on the Mars' northern plains, was created by an asteroid that, when

it struck the said ocean about 3 billion years ago, triggered waves reaching nearly 500 feet."

Well, wow! That is so close to the scenario I have proposed for what triggered the flood on earth 5000 years ago that I could scarcely improve on the language. Just take away the billions of years (evolutionists cannot utter a sentence about geological time without assuming millions or billions) and it becomes viable to support flood geology. But my postulate about a sinking continent and an initially perfect creation is needed to complete the picture about 5000 years ago.

Do I think the Planetary Journal partly copied my hypothesis? Well, no, they have never heard of me but isn't it interesting that their idea for Mars is so close to my idea for the earth at the flood? And Mars, which has essentially no water visible today is accepted by these authorities in geology, but they cannot accept a global flood when earth has abundant water. Hmmm.

I suppose other creationists have thought of an impact trigger for the flood, without thinking of the Moho at all, but no doubt, with many variations.

Obviously, I need the help of geophysicists regarding phase change as a mechanism for lowering and re-elevating the continent.

No one can fully imagine all the world conditions during descent including the final one when everything was submerged. But it helps a lot just to simply believe what the Bible says, including II Peter three below, for any scoffers.

I Peter 3:5 and 6 from six versions:

**Basic English Bible:** But in taking this view they put out of their minds the memory that in the old days there was a heaven, and earth lifted out of the water and circled by water by the word of God. And the world which then was, came to an end through the overflowing of the waters.

**Jubilee Bible:** Of course, they willingly ignore that the heavens created of old and the earth standing out of the water and in the water, by the word of God, by which the world that then was, being overflowed with water perished;

**King James Version:** For this they willingly are ignorant of, that by the word of God the heavens were of old, and the earth standing out of the water and in the water: Whereby the world the then was, being overflowed with water, perished:

**Tyndale:** This they knowe not (and that wyllingly) how that the heavens a great whyle ago and the erth that was in the water appered vp out of the water by the worde of god, by the which thinges the worlde yt then was perished over flowen wt the water.

**Weymouth New Testament:** For they are willfully blind to the fact that there were heavens that existed of old, and the earth, the latter arising out of water and extending continuously through the water, by the command of God and that, by means of these, the then existing race of men was over whelmed with water and perished.

**Wycliffe:** But it is hid from them willing this thing, that heavens were before, and the earth of water was standing by water, by God's word [that heavens were first, and the earth of water and by water being, or standing, together by God's word]; by which (things) that same world cleansed, then by water perished.

Peter had no problem believing in the continent rising out of the ocean at creation day three, followed later by a global flood, **and He clearly connects the day three continent elevation, to the flood of Noah.** Thus clearly, a reversal of the day three work is shown to be the cause of the flood. Can we conclude anything else? I think it is quite clear.

Anti-flood people accuse the young earthers of exclusively promoting a global flood with "raging flood waters," "giant waves encircling the earth,"

"mega-tsunamis ravaging the planet," "raging torrents," "a violent global flood," "violent catastrophe," "a single ultra violent event," and more. But remember, it *took five months* for inundation of the land to occur and more for reemergence. There were indeed, raging, violent water erosions in some places and almost everything that could be eroded was lifted into the waters and in many places the Precambrian was shattered, faulted, eroded and in upheaval. But many places were fairly tranquil at the same time. Dinosaurs would have no trouble retreating as the waters rose. They had time to deposit their eggs (couldn't stop that even if they wanted to) and nest until a tidal increase tranquilly buried their eggs with protective sediment and finally forced them upward until overwhelmed. (See pages 33, 38) After that, who knows how the vast sediments were deposited and what raging torrents were on the planet, as well as vast areas of relative tranquility? No doubt, almost *every kind of environmental condition existed somewhere at many places on the planet* during the flood year.

This is important because the authors predicate their entire attack on this erroneous assumption, namely that flood geology advocates believe exclusively in "planet-wide mega tsunamis, etc."

There may be some who do, indeed, so believe, but certainly not all who hold to flood geology accept that view. That assumption being in error, the entire argument of these anti-flood authors is flawed.

#4 Anti-flood exponents, appeal with confidence to the conclusions from radioisotope dating of igneous intrusions in the sedimentary layers. According to the authors (page 89 ff) seemingly incontrovertible dates can be applied to all the sedimentary layers by dating the magmatic intrusions adjacent to and within the sedimentary rocks and which they confidently say match the geological dates supplied by the fossil record. We acknowledge that isotope dating could be a useful tool, but it is full of question marks as currently practiced.

Bible dates for Adam versus radioisotope dates for first life, cannot both be right. If the radiometric dates as imagined for life are right then the Bible is wrong and it cannot be the word of God. Also, Jesus must be wrong who said the scripture cannot be broken and He lived his life, death and triumphant resurrection depending confidently on Scripture truth, including Genesis centrally. One of the two models must be established and the other positively evicted forever.

Eventually, the improper use of science will be shown to be at fault somewhere in its central assumptions about isotope dating. Truly honorable researchers have already demonstrated false assumptions and ultimately, I predict, they will dramatically display the fundamental errors like Galileo in his time. It is not the Scripture that is in error.

The Bible does allow time for long ages for a planet earth without any life and the stellar universe. But living things and the home for living things according to the Bible were created by God in six days, less than 7000 years ago. Millions of years for isotope dates can possibly apply to most of the Precambrian strata but assigning dates beyond 7000 years to strata *with remnants of life of any kind* must be mistaken.

So, what can be factually proven regarding isotope dating? Is it possible that a major, vital assumption regarding its accuracy can be shown to be faulty? Researchers routinely discard data that do not fit their time structure and pick and choose dates that appear to confirm their dating system.

All the dates, that have ever been made by the various methods, ought to be catalogued with a full report of all the rejected dates, with "why rejected" and including the supposed "explanations" for discrepancies. Then offer proof that the intrusive magma had no radioisotope crystals within the magma when intruded or else prove indisputably that such intruded crystals are precisely accounted for.

Researchers in the New Zealand volcanoes, whose eruptive dates are well known in recent history, all have isotope ratios indicating hundreds of millions of years of "age."

The eruptions of Mt. St. Helens in 1980 were dated at several hundred millions of years. In fact, known dates supplied for historical eruptions *always* give inflated dates. Dating the same rock using different methods give widely discordant dates.

Until known dates for recent eruptions consistently give accurate results, *nothing of isotope dating should be trusted* because it has been demonstrated faulty in the only places where it can be *firmly* checked. Probably the laboratory readings themselves are dependable but the assumptions relating those readings to absolute age are not at all on a solid foundation.

A visibly recent basalt "lava falls" over the edge of the Grand Canyon (supposedly 252 million years old) yields an isochron date similar to the date of a Cardenas basalt well below the Great Unconformity (supposedly at least 525 million years old). And yet they yield the same radiometric age, as though the lava falls (which might have been witnessed by native Americans) are the same age as the Cardenas basalt. A mere 273 million years difference in "fossil age" versus essentially zero years difference of isochron age is not an insignificant difference. The authors make a cursory reference to this but dismiss it by saying "the isochron date was made from four different lava flows rendering the data useless" (See page 96- 97). Perhaps all isotope dating (except radiocarbon C-14) is useless.

Isotope dating is a clever tool but it must be accompanied with all parameters controlled, monitored and analyzed. Most of the dates accepted by anti-flood devotees are not really dating the age of the magmatic intrusions. They are partly dating the age of the *earth* which even now, today, has radioisotope

crystals throughout the magma chambers and which could indeed be millions or billions of years old, depending on when God decided to create planet earth. Every intrusion in the entire world is loaded with those isotope crystals which have already been laying there in the magma chamber probably for millions of years.

Researchers think they have accounted for this on some methods by measuring the "closure temperature" when all daughter elements previous to the intrusive event were thought to be diffused in the mix, thus they assume, this eliminates all daughter elements previous to the intrusion but apparently it does not work dependably.

The igneous intrusions are not fully set to zero isotopically when intruded with magma. Many of the isotope crystals, even as crystals, survive the magma phase, and therefore, do not give a reliable date of the sediments they intrude. Geologists make attempts to allow for this but, considering the wide scatter of ages for the same sample, the only thing we can know for sure is that we can not know any isotope dates for sure.

Some appropriate expert should create a spread sheet with all the dates ever recorded. Then catalog them with date measured, methods used and the personnel doing the work, and with every significant factor controlled. Distinguish between data where dating was done "blind," that is, without reference to where the sample came from or the organization requesting the age dating, versus dates obtained when the researcher knew the stratum where the sample originated and which organization was paying for the work. Then after the dates and data were recorded, open the name of organization and location of sample. Because human nature is often morally untrustworthy, how can we trust a single radiometric date that was not done "blind"? All dating is to be seriously questioned. Add to that

many questions about the essential trustworthiness of the method itself even under ideal conditions.

Young earth creationists have to explain results that appear to show millions of years age to satisfy their YEC time constraints. They should become YBC (Young Biosphere Creationists) where everything Precambrian and earlier is relieved scientifically as well as biblically.

The Cambrian and above strata are filled with fossils of all kinds and *every phylum* is represented in the Cambrian. Someone celled and simple life forms can be found in the upper Precambrian as well. These strata are said to have been laid down 525 million years ago by the authors and "modern geology." Bible believers say that Cambrian and above were laid down about 5000 years ago by the flood of Noah. They cannot both be right.

Though I am not even an amateur in isotope dating, I have some valid questions and I maintain with confidence my prediction that fundamental flaws will be discovered in the isotope dating system for Cambrian and above strata and probably much more.

#5 Now below is a way to bypass all these debates regarding fossils and ages and dating methods for a solid conclusion without them.

Please do not fail to examine the link referenced here.

<https://evolutionnews.org/2017/05/molecular-machines-reach-perfection/>

or just search for *molecular machines reach perfection*. Also find the animation of this wonder mechanism by searching for ATP synthase animation.

Here we marvel at a rotary motor operating at one rpm built inside, and synchronized with a second rotary motor operating at another rpm and powered by protericity. Don't fail to grasp the wonder of this tiny creation which is the essential

power source for every living cell that has ever existed in all the world. Then abandon any thought of evolution and with that any thought of millions of years old fossils.

If we would allow perfect environmental conditions favorable to evolution for 900 trillion years, this ATP wonder could never possibly evolve in that time. Some of the authors might be theistic evolutionists. Then please explain how God, who made this beautiful super-efficient machine and millions of similar wonders, would choose to use evolution, this most inefficient, ugly, even repulsive way of pain and death to do His creation. Well, He did no such nonsense and it is an idolatrous offence to a Holy God to think so.

If someone should theorize a hundred million step chemistry program which would end in ATP synthase, and plant it in an ideal location in the perfect environment, he would never see the first step accidentally emerge. And if he were to force step one into existence, that step one would soon be destroyed, even by the perfect evolutionary environment it was in.

God designed and created all these wonders to shut every mouth doubting His design and creation. "Every mouth may be closed and all the world may become accountable to God" (Romans 3:9-31).

A standard complaint against the Bible is often, "Then explain to me why there is so much pain and injustice and suffering and genocide and atrocities in our world? How could a good God allow brutalities and child torture and dementia and --- and --- and? Chapter six in my current book answers that most perplexing of all questions. It is titled, *Why a Silent God Allows Evil and Suffering in a Ruined Creation*. It is twenty pages and comes from the 200 page book, *The Genesis Fortress: Viciously Attacked, - Triumphant in the End* See last pages of this writing

for details. And yes, I regard the subject book, *The Grand Canyon: Monument to an Ancient Earth* as one of those "vicious attacks" on the Genesis fortress.

Again, I do not speak disrespectfully or bitterly but with compassion and understanding because I was once an evolutionist myself, embarrassing to say, and I have made serious mistakes also, so how can I not be understanding?

The authors never attempt to support evolution theory directly in the book although it certainly is implicit in the dates assigned to Cambrian and above strata and they make firm support of "modern geology" which is almost totally evolutionist.

#6 The history of intellectual mistakes by large masses of thinking people but which have been proven wrong should give us pause for our own certainties and conclusions.

Think of Ptolemaic astronomy which reigned for centuries and for 100 years *after* Copernicus demonstrated the sun-centered solar system. Galileo was not opposed by the church until after the "scientific" community opposed him. Then, combined with his abrasive personality, the church, ostracized him. But the Ptolemaic intellectual establishment opposed him first.

Lavoisier, whose brilliant mind gave us the conservation of matter, also lost us 50 years of better research because of his prestige and his erroneous theory of heat transfer. It is difficult to question a proven genius even though one of his theories is mistaken. People are convinced by prestigious personalities as well as prestigious institutions.

Think of the alchemists, sincere but mistaken. Think of Harlan Bretz, viciously ostracized by the geologic community but one hundred percent right. Examples could be multiplied.

So, I suggest, "Take a lesson, evolutionist establishment" (and all the rest of us).

So now, what geological process we have described, could not be achieved in 5000 years? The sinking continent took five months. Asteroidal impact? Thirty seconds for that, plus a few years of major activity, followed by 5000 years of consequent activity continuing today. Volcanic fountains of lava? That took a few days or months or years and continues on a micro, micro level today. So which geological process could not have occurred in 5000 years? There are none. All is reasonable within a 5000 year frame, most of it in one flood year.

Genesis One is a wonder of simplicity and a wonder of profundity but men have turned simple records into opaque confusion.

#7 Now, I will address some of the more prominent complaints in the book, in page order, with suggested answers in favor of flood geology. Again, I do not speak with malice having made many mistakes myself, but I speak with understanding and an invitation for friendly dialogue with any detractors.

I am no expert in geology but I certainly do have some new concepts which make decent explanations preferring the global flood as biblical truth. Any errors forthcoming will be from my ignorance of geology, not from the actual biblical history of the flood.

Page 16 "The purpose of this book is to show that the first claim of creationists is not supported by a straightforward reading of Genesis and the second claim is not supported by the geology of the canyon."

This sets the stage for the entire book and is completely wrong on both counts. Already partly addressed in earlier pages.

Page 21 "Rain fell for forty days and nights, and water rose up from the 'fountains of the deep' over the next five months as Noah and his family rode out the storm."

The authors (and also YEC) assume water fountains from the great deep. I have concluded earlier that the fountains were world wide flood basalt (lava) fountains. (See above in this review.)

Page 24 (YEC exponents give) "a selectively literal reading of Genesis."

Few mortals handle Scripture more recklessly than do these authors. YEC's have some mistakes in interpretation but nothing as bad as the authors. Hebrew experts will never concur with their renditions. (See p 4 of this review.)

Page 26 "The problem of oil" Do we really know what Bitumen" was? I can't prove it but I speculate that pre-flood technology may have been very advanced (Genesis 4:19-22). Obviously, Noah had a suitable material to securely seal the boat, perhaps "man made" or just plentiful available oil products such as oil from trees or seeds, or pitch, then processed by pre-flood chemists into a suitable sealer. There are many possible explanations. What we know for sure is that the boat, designed by God, not Noah, including the sealer, performed spectacularly.

Page 27 (Genesis 7:20) "could well be understood... to mean that the mountains were 'drenched' and that the waters rose to a depth of twenty feet *against* the mountains."

This looks like a clever avoidance of the obvious but it flies in the face of all the English translations. See all the standard versions of all the experts. None will concur with the renditions suggested by the authors. (See p 4 of this review.)

Page 27 (The Bible) was not meant to convey scientific information."

So what scientific information is in error?

Both YEC and YBC say there is no scientific error in the Bible, so critics should identify even one scientific error. No one has ever done that. By the way, *Jesus was a literalist*. Anyone who thinks he/she knows more about it than Jesus, God manifest in the flesh, is blind and deluded beyond imagination. Yes, Jesus' human nature grew in knowledge from childhood and now, glorified, He has renewed access to omniscience, 'the glory that He had with the Father before the world was' (John 17).

Page 27-28 In the greatly exaggerated diagram, "after the flood" sedimentary layers are depicted filling the gulf, Paleozoic to Paleogene-Neogene. But after the flood, the Cambrian and above sedimentary deposits filled the same gulf to approximately the same level as the Precambrian before the flood, so the sources of the river system were roughly the same before and after the flood. No, the garden of Eden was never at a level below Paleozoic. What the authors call Paleozoic was the pre-flood marine world, eroded, sorted, and redeposited.

Memories by Noah and his progeny probably reconstructed the "after flood" river system in their minds, being at approximately the same level as before the flood, that they found to resemble the pre-flood arrangement, and named the rivers accordingly.

Page 29 "All the conclusions on the right side of the table grew out of observations and testable hypotheses by studying the earth and its surrounding solar system, with questions unfettered by preconceived notions as to what the answers *should* be."

Well, that makes a good story, but most of this book is the result of exactly such preconceived notions. The consensus for millions of years for Cambrian and above is so strong to these authors, that researchers actually believe they have no preconceived notions, but they are everywhere.

## Page 34 What Process Formed the Supergroup Rock So Rapidly?"

The Supergroup is a remnant strata of the pre-flood, Precambrian world. It shows the extent of the erosive forces which removed (world wide) most of the pre-flood world, leaving sample fragments like the Supergroup for us to marvel at today. Creation of the Supergroup before the flood (and before any life) was not necessarily rapid. Lots of time was available.

When God made the pre-flood world (before He made the biosphere) the lifeless Precambrian was all there, ever since the creation of the earth, including the Supergroup source. Then God created the biosphere which continued until Noah's flood. The flood upset large areas of the Precambrian strata leaving remnants worldwide, and including the Supergroup.

Then Cambrian and above was deposited, followed by sheet run off as continents and islands rose out of the water to what we see today. All continents and large islands produced continental shelves surrounding the rising land as the sediment laden waters fled from the rising land, leaving a cap of Precambrian "shields" surrounded by remaining Cambrian and above strata which was not swept off the newly emerged land masses. Monument Valley, Utah, dramatically illustrates erosion as the continents rose during seven months of restoration to semi-normalcy.

The Grand Canyon (and the Grand Staircase) was not excavated by impounded lakes but by vast amounts of oceanic waters high above the earth's surface hurtling off the continent as the land rose. At first it was general and slower over the new continents. Finally, it became confined to a knife like, region-sized fire hose which almost nothing could resist. Something like this provided the forces which excavated the Grand Canyon in a short time. Similar, but smaller canyons were created all over the world as waters left the rising land for the oceans.

Page 39 "The Problem of Freshwater Fish" "Why do we have fossil evidence of abundant fresh water fish in many 'post flood' environments?"

The entire oceanic world may have been much higher in fresh water abundance before the flood, then heavily salted when the continent elevated, stripping the earth of much of its sediments and depositing them in the ocean as continental shelves surrounding every large landmass on earth, thus vastly increasing the ocean's salt content. So there were plenty of fresh water lakes and then heavily salted oceans and everything in between. Again, world wide there were many different post-flood environments to suit every condition needed to explain what we see today. Rain also, and other freshwater sources made lakes for fish to survive.

Page 49 "Common organisms found in younger sediments worldwide, such as birds, dinosaurs, mammals and flowering plants are completely absent in Grand Canyon rocks."

The authors assume Cretaceous are younger than Paleozoic but they are only younger measured in months or weeks. (All of the "zoics" are misnamed). *Something* sorted the flora and fauna to where they finally located, but, of course, we will seldom find terrestrial fossils mixed with marine.

Ninety-five per cent of all fossils are marine, which explains much of this complaint. But the order found was greatly influenced by natural sorting processes in a topsy-turvy, catastrophic world.

Page 61 "...imagine over time, the sea advancing over the land and later retreating. During an advance of the sea inland (or *transgression*) over the land, deeper seawater covers the mud and sand where the edge of the sea was found earlier, resulting in limestone forming over the mud and sand, (the latter eventually hardening into shale and sandstone respectively). This simple process can easily

explain why the Muav covers the Bright Angel shale, which in turn covers the Tapeat sandstone in the Tonto group: an ancient sea during the Cambrian Period advanced eastward over the exposed Precambrian bedrock..."

Well, I can accept this scenario essentially, but here is how it happened. The sinking continent sank erratically, first eroding almost everything above the Great Unconformity down to the Precambrian base in a huge, worldwide slosh, leaving only remnants of Precambrian like the Super group and many other partially eroded zones.

Then the continent hesitated or reversed slightly in its downward travel, long enough for Tapeats, Bright Angel and Muav to form, perhaps as pictured by the authors (minus the millions of years). Then the Redwall Limestone and Supai Group took its turn and so on up the column, yes, all the way up to and including the Grand Staircase for a five month period. Then the Colorado Plateau uplift must have occurred. It is easily conceived of happening in a few months of time as the continent sank and the newly unleashed plate tectonics did their dance. Limestones and sandstones harden, at least partially in just a few days or weeks. So, if the authors accept millions of years and repeated transgressions to explain the strata, just change the millions of years to millions of seconds. For with the continents sinking in five months, all that we see today could be accomplished in twelve months plus consequent action some of which is still with us today.

Page 62 A Clay Problem "But considering clays form from older materials, how did tens of millions cubic miles of fine clay minerals form in just 1650 years between the creation week and Noah's flood?"

Well, first off, the earth was not created on day one but perhaps millions or billions of years before day one per the YBC view (Its date is biblically undefined). Day one occurred less than 7000 years ago per the Bible record. There was plenty

of time, long before that, to produce clay particles, although it depends on when God decided to create the earth, and how God decided to make it.

Page 67-68 ff Figure 6-1 "Mud cracks formed recently in wet mud along the Little Colorado river." "Invariably, the presence of mud cracks implies mud baking under the sun (that is, the cracks form above water). Preservation occurs when sediments of a different texture or color gets washed into the cracks by minerals that fill the cracks much later in time."

Because the authors have built their argument against flood geology with the assumption that flood geology people picture "raging torrents," "mega-tsunamis ravaging the planet," "giant waves encircling the earth," etc, etc, it makes phenomena like mud cracks appear unthinkable. But the concept I have offered, easily allows weeks of hot sunshine in any area where old mud cracks are found.

The pre-flood continent sank erratically, I suppose trading sides of action as it waddled and sloshed in two week intervals downward (another guess). All over the vast continent, every common geological situation was possible somewhere, until overwhelmed with water. Then as the continents rose for seven months, raindrop prints, ripple marks, animal tracks are easily reasonable. Shortly after forming tracks, they are preserved by a gentle tidal dunking interlude, followed by more aggressive sinking or raising of the continent.

Cross bedding angles might be a more difficult problem for us who believe in flood geology, but I suppose the angle of cross bedding in an underwater condition might differ with the changing water / sand ratio with the cross bed occasionally exposed even to the air for a short time while creatures wiggled over it. Would not a sticky, minimally watered sand texture result in a higher angle of crossbed? Tests could be, or perhaps already have been performed to create

different angles of cross beds using various densities. But certainly the Coconino sandstones were never a desert environment.

Page 74 "Our starting point at the bottom of the Canyon is the Great Unconformity carved into the ancient Vishnu Schist."

The authors say very little about the Great Unconformity, which they think represents a billion years of missing time, but it is nothing but the unimaginable, universal erosion surface at the beginning of Noah's flood, another evidence of our devastated planet. National Geographic, in a rafting search of the Colorado river by geologists, called the Great Unconformity a "planet wide geological mystery" and "questions regarding the great unconformity remain beyond human grasp." No, it is not beyond human grasp. It is the first erosion surface of Noah's flood. Everything below it is Precambrian and everything above it is Cambrian to Cretaceous and in the Grand Canyon area on up to the Claron formation of Bryce Canyon.

Until anti-flood people acknowledge this, there can be no *real* understanding of geology, no matter what gymnastics are attempted. It is the hill to die on, as the expression goes, for creationists, and every Bible believer. It makes sense of all geological phenomena and is simple, easy to grasp and irrefutable to the clear minded.

Page 97 "Radiometric dating is based upon physical principles which we can trust - most importantly, on the predictability of radioactive decay."

Typically, researchers fail to allow adequately for radioisotopes that enter into the dike or sill being dated from the extruded magma initially or a dozen other possible forgotten, ignored or unknown factors. (Also see #4 above).

Radiocarbon (C-14) dating of living things is a valuable tool until one attempts to go very much farther than 2000 or 3000 years. Within that 2000 year range it has corroborated many Bible truths.

Page 100 "missing time" Very convenient to arbitrarily insert missing time to make the various strata accumulate so it conforms to the "established" system. Never a problem, just insert missing time assumptions and *voila*, the time matches "established dates" perfectly. The Great Unconformity yields a mere one billion years of missing time for modern geologists. The truth is, it represents a few days or weeks of world wide catastrophe, break up and a heavily eroded earth at the beginning of Noah's flood.

Page 102-3 "How did these (Redwall) rock fragments get there (in the Surprise Canyon)? The presence of Redwall fragments in the overlying rock makes perfect sense if the top of the Redwall was eroded, leaving weathered pieces on the surface or in collapsed caves during subsequent deposition of the Surprise Canyon sediments. If deposition was continuous (i.e., if there was no unconformity), how did chunks of hard Redwall limestone form rapidly and find their way up into the Surprise Canyon formation without defying gravity (Hint: They couldn't)."

The answer is simple. The activity was not continuous but time was available for the Redwall to harden. Limestones harden partly in just weeks or less after deposition, then karsts formed in a few days, not by dissolving the limestone, but physical leaks which increased to streams and rapid erosion of the karst. Then Surprise Canyon mass came moving over Redwall and dug a big notch in the Redwall, also digging up the now semi-hardened limestone blocks of Redwall. So Surprise kicked up the blocks of Redwall which mixed in Surprise Canyon. I suppose there are many deposits like Surprise deep in the walls outward from Grand Canyon and they certainly would not be rivers but discreet segments of Surprise formation.

Page 107 "Filled in caves (paleokarst) require a sequence of events over time. First limestone was deposited and hardened into rock so that caves could dissolve in the limestone (voids in soft limestone mud will not stay open). Next, pieces of the overlying rock fell into the cave voids, eventually filling the caves with rock fragments (breccia). Then the thick layers of the overlying Supai group were deposited over the Redwall limestone, compacting and cementing the breccia pieces into rock. Finally, groundwater flow dissolved new caves into the Redwall to expose the old cave fillings. How could any of these events have occurred within the context of a single year flood? Such a sequence is not just unlikely during a flood event - it is impossible."

The erratic descending continent produced a "transgression" over the Muav with the high density Redwall materials thickly suspended in the water. Then it sat there long enough to settle and harden. Then the caves were formed but not by dissolved limestone but rather by water seeps which enlarged into large voids in a matter of hours followed by the overlaying of Surprise chunks which dropped into the cavities. Then the Supai "transgressed" and cemented the breccia into rock. There is nothing which requires millions of years - perhaps millions of seconds. Then after thousands of years, perhaps the limestone was slowly dissolved into channels exposing the breccia as viewable today. The flood of Noah offers a good, sensible explanation.

Transgressions similar to those proposed by the authors are possible but there is no physical reason why they cannot be accomplished mainly in one year by an erratically descending continent.

Page 112 top right "The rapid movement of the crust along the ocean bottom caused tsunamis all along the eastern coast of Japan - - -, At first this may seem like obvious evidence for rapid plate tectonics but keep in mind that the stress was building at this location for hundreds of years without rupturing, ----- "

Now that the plates have completed their major high speed moves, mostly about 5000 years ago, the movement quite abruptly diminished to a slow pace. There is no reason to assume the last 400 years to be even close to the initial rate when plate catastrophic movements began.

Page 126 "Can faults form in wet, soft and pliable sediment?"

After 100 years following the flood, and the Precambrian before the flood, the sediment is not longer soft and can shear cleanly. But some of the curled sedimentary rock (now hardened) was once soft and twistable into almost knots.

Page 134 "No animal or multicellular fossils in the Grand Canyon Supergroup."

The Cambrian 'explosion of life' was in truth an explosion of death, being the burial of much of the pre-flood life as it naturally sorted into the fossil types and locations on up the column. The marine fossils with shells naturally dominate the lower zones on up to Cretaceous and Cenozoic. It was all the consequence of the Genesis global flood.

Page 143 "Young earth advocates argue that broken fossils are evidence of the violence of the flood. Yet they also argue that the exquisite preservation of delicate parts of other fossils are evidence of rapid burial by a global flood."

As the continent many thousands of miles wide and many thousands of miles long descended, every possible type of flooding condition existed somewhere on that vast area. No, they are not mutually exclusive arguments, not at all.

Page 182 lower right. "The fact that giant sloths went extinct long before the arrival of humans in the Grand Canyon poses a major problem for the supposed dispersion of animals and humans over planet Earth from the ark's resting place."

Radiocarbon dating is often unreliable past about 2000 years but here is the answer to the dispersion problem.

In I Samuel 6, God coerced the two milk cows bawling for their calves as they were constrained, against their natural will, to leave their calves to take the ark of the covenant back to Israel.

In I Kings 4-6 God commanded ravens to feed Elijah.

In Genesis 7:9 it is recorded that "there went into the ark unto Noah two by two, male and female, as God commanded Noah."

So, after the animals left the ark they were likewise constrained to migrate back to where they came from. Kangaroos went back to Australia and giant sloths went to the newly carved Grand Canyon, just as they had been constrained to go to the ark before the flood. American natives and others went to the Americas under migratory constraint, easy as pie for a providential God (Acts 17:26).

Page 205 lower right. "So where in Scripture do we find references to Noah's flood linked with earthquakes, shifting continents, rising mountains, tsunamis, and mineral rich ocean vents?"

Just read carefully and understand Genesis 7:11. "When Noah was 600 years old ... *the same day all the fountains of the great deep burst open.*" Then consider all the volcanoes in the world today. Those who witnessed Mt. St Helens in 1980, even from a distance of 30 miles, saw and heard and felt a fountain of the great deep and a fearful and blasting inferno accompanied with earthquakes. But that explosion was a tiny one if compared to Yellowstone or Crater lake in Oregon or to Krakatoa and Tambora and many, many others. And consider that all those big ones were little pipsqueaks compared to the initial ones at the time of Noah when *all* the fountains of the great deep burst open (ripped up, burst, cleft asunder, broken in pieces, torn, burst open, erupted, split open - - are some of the translations). Then observe all over the world the great flood basalts covering areas

equal to the state of California and much bigger ones than that, clearly visible all over the world today.

Then consider that of all those volcanic and flood basalt lava flows belching all over the world at the outset of the flood, we have massive remnants that are obvious yet today.

Every word of the Bible is trustworthy. With a description like that above, and with a sinking continent, there had to be earthquakes, tsunamis, shifting continents, rising mountains and mineral rich ocean vents consequent to a global flood.

The great need of the authors (and all of us) is to read the Bible with a dedicated prayer for real understanding as per Proverbs 2. Not just a brief prayer, "Lord, bless our study" but a real crying to God. "My son. if you will receive my words and lay up my commandments with you; if you incline your ear to wisdom and apply your heart to understanding; yes, if you cry after discernment and lift up your voice for understanding; if you seek her as silver, and search for her as for hid treasures: then shall you understand the fear of Yahweh and find the knowledge of God. For Yahweh gives wisdom" (ASV modernized).

Yes, He gives wisdom but in a context of *diligent* searching. It is a fair question to all of us. Have we diligently asked God for illumination?

There are many more complaints that the authors suggest but I will stop with my suggested answers here because most of the remaining questions have similar answers.

As anyone can tell, I have very little geological knowledge, but I am very comfortable with the Scripture and I have allowed the Bible to direct my thinking.

Yes, my answers are not with geological authority and I would be pleased to be apprised of any demonstrable errors. If answers are inadequate, well, so are the anti-flood answers even

more so, and creationist geologists could improve on any of my arguments,

My views were constructed by the Bible record first, where I feel secure and comfortable. Considerations of Geology are then imagined to fit the Bible which has always been easy for me. That is why there are no highly technical studies accompanying my comments. By no means have I addressed all the anti-flood complaints but all remaining questions do have good answers.

Simply, there are many creationists who can visualize conditions much better than what is presented above, but most of them are missing biblical certainty of a young biosphere, old planet earth and universe. They are missing the sinking planet as Peter informs us, and they misinterpret fountains of the deep to mean water fountains when factual reality indicates flood basalt fountains of lava and volcanoes worldwide. Creationists also miss the shrinking planet with its consequences followed by the expanding planet which is evident today in "normal faulted" zones worldwide. This latter involves eclogite/basalt phase change in the Mohorovicic seismic discontinuity and needs measurable data from geophysicists to confirm or deny.

These constraints make the global flood much more understandable and which have emboldened me to write this response to terribly mistaken anti-flood dogmatism.

Please do not fail to examine the link referenced here.

<https://www.evolutionnews.org/2017/05/molecular-machines-reach-perfection/> or just search for *molecular machines reach perfection*.

Here we marvel again at a rotary motor operating at one rpm built inside a second rotary motor operating at a different rpm and powered by

protricity, the flow of hydrogen nuclei rather than electricity. Don't fail to grasp the wonder of this tiny creation which is the essential energy source for every living cell that has ever existed anywhere in the world. Also see ATP in animation by that search. Then please conclude that to believe evolution is absurdity gone insanely wild, and abandon any thought of evolution, theistic or atheistic.

There is enough evidence of design in your fingernail to prove God's existence and providence. Therefore, I insist that the authors of subject book must be blind to such obvious truth or they would never promote a work which trashes the plain words of Scripture, which plainly teach a global flood and creation by God, precisely contrary to millions of years of evolutionary progress.

Eight year old children can look at creation and conclude an infinite God of order. I have featured the ATP synthase wonder but millions of other biological and celestial wonders are filling every nook and cranny of our world making God thoroughly obvious beyond dispute leaving no excuse to anyone (Romans 1:16 - 2:11).

*Grand Canyon - Monument to Catastrophe* by Steve Austin has some errors in it but nothing equals *Grand Canyon Monument to an Ancient Earth* which is overflowing with error.

Some will need an explanation of the young biosphere view. The authors reference the Bible, claiming it does not refute their view of geology. So, my response has heavily related the Bible to geology and centrally to flood geology.

This writing did not come from a young earth creationist view which is the specific target of the book. But the *young biosphere* creation view accepts a literal Genesis as Bible truth, including a recent global flood, which created

most of the topography which we see today. But they also claim that Genesis literally leaves the age of the universe and planet earth mineral base undefined in age, whereas the *hiosphere is defined* at less than 7000 years ago in origin. Hence the view of this writing has been YBC, young *biosphere* creation.

There certainly can be legitimate improvements in misleading English Bible texts. As an example very central to our discussion, YEC people have staked much of their young earth / universe faith on badly translated Exodus 20:11, "For in six days the LORD made the heavens, the earth and the sea, and all that is in them" (NKJV). But the first preposition "in" does not exist in the original. Also, the verb "made" should be rendered "worked on" because the immediate context is "work and rest." God Himself "worked" for six days and then "rested" one day as an example for man to work and rest.

Also in Genesis chapter one, referred to here and during those specified six days, God deliberately and plainly defined *"shamayim"* as "air" *where birds fly*, which certainly cannot be the stellar heavens as misused in Exodus.

*Carefully* examine each day of the six day activity. It is clear that God worked only on the air, the land and the sea, and all that is in the air, land and sea, *that is, the biosphere only*, during the six days of work, that is the biological world, and a home for the biological world. He created the universe long before there were any "days" on earth.

Therefore, a better translation of Exodus 20:11, for very solid contextual reasons should be "For six days Yahweh worked on the air, the land and the sea, and all that is in them (the biosphere) and rested on the seventh day." That carries quite a different meaning from the quotation above from NKJV, but notice the *valid contextual reasons* for that chosen rendition which cannot be denied.

The six days of Genesis refer to God's creation of living things and a beautiful, perfect home for all living things less than 7000 years ago. The creation of the universe and planet earth took place before there were any "days" possible on earth. There was only "night" for an undefined time which could be of any length. "The earth was uninhabited and empty of life and darkness was on the surface of the ocean" (and perhaps for millions of years, verse two). The creation of the stellar heavens and planet earth mineral base took place in the distant past.

For a full explanation see my website [ageoftheuniverse.com](http://ageoftheuniverse.com) Find the book titled *The Genesis Fortress: Viciously Attacked- Triumphant in the End*. As yet, it is unpublished but 200 printed copies are available. A twenty page summary is also available.

I discuss phase change expansion / contraction more in depth in chapter four of the book *The Genesis Fortress: Viciously Attacked - Triumphant in the End*. Chapter four is titled, "Global Flood Geology in a Nutshell." As yet it is unpublished but examine my website [www.ageoftheuniverse.com](http://www.ageoftheuniverse.com)

Every word of this Bible is true, most of it literally, some of it poetically, but all of it clear and plain when understood, just as the proverb assures us, "they are all plain to him who understands."

*Luke 10:21 At that time Jesus rejoiced in the Spirit and said, "I thank You, O Father, Lord of heaven and earth, that You have hid these things from the wise and prudent and revealed them to babes."*

***If God decides to hide something, No amount of intellectual  
brilliance Can penetrate that veil.***

Gorman Gray

July 15,2017

Christ Is Risen!

The war is won but not over

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