

Science and the Bible E-Zine

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"Truth: That which is in accord with fact and reality."

This is written so that you may believe the bible because of science rather than in spite of science.

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1) What's Happening at Science and the Bible?

By Max B. Frederick, AnOldScientist

This Month disappeared before the allotted tasks were accomplished. As a result, this months article has been dredged up from stuff I wrote before the first issue of this E-Zine.

2) Two Versions Of the Past—Which is Biblical?

By Max B. Frederick, AnOldScientist

Every fall—all across America—we send our best and brightest to college.

A great many of them lose their faith during that first year.

The major cause is the conflict between religion and science. The conflict is not between the bible and science. It is between the traditional interpretation of the bible and the modern science interpretation of true facts of science.

The year was 1633. That was just twelve years after the King James Bible was first published. In one of the most significant events of church history—yet rarely mentioned by historians—it was the best and brightest theologians of that day who convicted Galileo of heresy for teaching true science that contradicted their traditional interpretation. They had been taught the junk science traditional interpretation of the science in the bible. And they ended up with the proverbial egg on their face. The science in the bible was right, but their interpretation was wrong. That is just one example. There are many.

As our children are growing up, we teach them a lot of junk science that is not true. And we lead them to believe our teaching is what God said in the bible. And we teach them that God is infallible so they must believe that junk science even if modern science says it is not true—we set them up to have to choose between science and the bible.

In college they learn that the junk science we have taught them is not true.

They begin to doubt everything they have been taught from the bible

Little do they realize that the junk science attributed to the bible is not from the bible.

Traditional misinterpretation has replaced the true science found in the bible.

And there is a lot more science in the bible than even most experts realize.

Theologians have been notorious for ignoring what the bible really says concerning science.

Therefore, scientists have been notorious for ignoring what theologians say concerning anything.

This has set scientists free to pursue a godless world view. Before Galileo, science was the study of how God did it. After Galileo, it has become the study of how it happened without God.

There have been many attempts to explain the science of the bible in the light of modern science. Most have been attempts to rationalize the *traditional interpretation* of science in the bible rather than explore the true meaning of the science of the bible.

It is pseudo science—that traditional interpretation of the science in the bible—not the true science found in the bible—that has killed the faith of many of our brightest minds.

Yet, those pseudo-scientific untruths continue to be taught.

The truth of what the bible teaches concerning science and creation is important.

The souls of our Christian college students depend on it.

And the soul of our nation depends on our college students.

If we teach the truth concerning science in the bible, our best and brightest young Christians can believe the bible because of science rather than in spite of science.

Here is the problem:

There are two dominant versions of the origins of all existence.

Read each of them guess which one was first published in the bible (then, maybe, embellished by humans) and which was first the invention of humans, (and then maybe later religiously adhered to.) The answer is to be found at the end.

Now, don't get offended. Just remember, in a satirical, possibly humorous way, this is being presented as it might be presented by a politically correct college science professor trying to rob you of your faith in the bible.

A Fantastic Fairy Tale

Religious people seem to have a problem with the amount of time involved when talking about the history of the beginning and development of existence. But think about it for a minute, the billions of years involved in the scientific point of view cannot hold a candle to the infinite time involved in the fantastic imagination of the young earth fairy tale. Let me tell their story as I see it.

Once upon a time there existed three, Me, Myself, and I. They had floated around in nothingness for two hundred forty seven billion quadrillion zillion megayears, plus a few, (for infinity) then one day, I sez to Me and Myself, "I got an idea." We have been lonesome for all these two hundred forty seven billion quadrillion zillion megayears, plus a few, We should make some humans to be our future bride. We could do it in about six days, then in a few thousand years this human thing could become our bride. Me and Myself, of course, could not hear a word I said, because the sound of words is something that is carried by vibration in matter, and when I said that, matter did not yet exist.

So then I sez (please, just use your imagination) First, Lets create the universe, you know, the heaven and the earth. So they did. Then they zeroed in on a chaotic mass and called it earth. Of course there was water, lots of water, and they could not see a thing. Then I sez,, "let there be light." So Me and Myself got together and produced energy in the form of light. Then they could see, (for the first time in two hundred forty seven billion quadrillion zillion megayears, plus a few.) My, they must have been lonesome, not being able to see or hear anything for so long. Anyway, that was enough work for one day.

The next day, Me, Myself, and I got together and surrounded the chaotic mass with a transparent crystalline sphere to hold back all that water. It had to be solid (a firmament) to hold back the water, but transparent so they could see the lights in the sky. Otherwise, it would again be dark on the earth. It was quite a project and it took another whole day.

Once they had built that giant dam in the sky, the next day they could really get some work done. First, they organized that chaotic mass into oceans and continents. Then they planted seeds, and made grass grow. They even had herbs and trees grow and produce more seeds, all in that third day. But then there was still not enough light.

The next day, I sez, "Lets make the sun and moon so we can really know when it is

day and night, and by the way, lets have them signify the seasons and years. And lets stick them into crystalline spheres surrounding the earth to give more light on the earth during the day time and go behind the earth during the night. (Of course, as the ancient Greek scientists figured out, that had to be separate crystalline spheres, concentric with the other crystalline spheres, so that they could move around the earth independently from each other.) So, Me, Myself, and I got together and made this happen. By then, four days had gone by.

Then things really got crazy. Impatient as they were, Me, Myself, and I started creating animals. First, they put lots of living creatures in the water. That was OK. But then they were in such a hurry that they did a stupid thing. They made birds to fly in that solid transparent crystalline sphere. Have you ever seen a bird fly into a clear glass window? It breaks it's neck and crashes to the ground. But anyway, it makes a good story.

It was such a big job that it took a whole day just to make every living creature from whales to those crashing birds that they did not have enough time that day to make animals to walk on the ground.

So, the next day, by then they were into the sixth day, they really had to get to work. At first, I said, "Let the earth bring forth its own living creatures, you know, cattle and creeping things and beasts etc. And so it happened, That is how Me, Myself, and I made most of the animals. They just let the earth make them happen. And that was good. That was good, because Me, Myself, and I still had to make humans, and they were running out of time. (Now, that is really hard to swallow. Are you saying that after two hundred forty seven billion quadrillion zillion megayears, plus a few they were too impatient to take just one more day?)

By then, Me, Myself, and I were so tired they needed a nap. Everything looked to be very good, so they turned the whole thing over to the humans. Whew, they did all that in only six days.

Then, on the seventh day, Me, Myself, and I all took a nap.

But then, those humans messed the whole thing up.

First Me, Myself, and I drove those humans out of that wonderful garden they had planted.

But the humans continued to mess things up.

So, Me, Myself, and I opened some windows in the crystalline sphere holding back the water and let water rise to cover the mountains so that all those humans would be drowned. That is, all except the few humans that Me, Myself, and I hand picked to survive in a great boat along with a handful of animals essential for continued survival.

And all the rest of the story is told in recorded history. (Except for one final ending line:)

And they all lived happily ever after for another two hundred forty seven billion quadrillion zillion megayears, plus a few.

Now, that was some fantastic fairy tale. It takes a lot of imagination to even visualize it.

But here is how it really happened:

Since the Eon of timeless past, since the actual beginning of the universe, Eons of time have past as the universe went through various stages of development to become the ecology we see today.

Somehow, in the timelessness before the universe came into existence, there had to have been existence of some unknown nature to set up the conditions for the universe to come into existence. That existence had to be in the form of something like order, rules or laws, and some kind of power to make things happen.

Whatever that existence was, it resulted in a great expansion of matter, time, space and energy. That is what is popularly known as the “Big Bang.” In that moment of the big bang, light came into existence along with other forms of energy. (Einstein demonstrated the relationship between matter and energy by his famous formula, $E=MC^2$. In English that means energy is equal to mass times the speed of light squared. Could the relationship in that formula have had something to do with it?)

From that big blowout there was cast out all the elemental building blocks from which the universe developed. Among the first elements to develop were Hydrogen and Oxygen. There developed an abundance of water in outer space.

Note: To make the chronology clear, let us divide time into Eons, subdivide Eons into ages or major events within that eon, then present chronology within that subdivision.

To simplify the presentation of chronology, each detail has a key number of three digits separated by single decimal points.

The first digit is the Chronological Eon.

The second digit is the Age or Major Event within that Eon.

The third digit is the chronology within that age or event.

For detail with no chronology significance within any chronology subdivision, such as conditions that existed at that time, more digits are attached following a double decimal point.

This is a pretty long list, so to get the idea of the detail you do not need to read the whole boring list. Just take a look at the extreme detail to see if you agree that it is more scientific than the story presented above. Then skip to the end of the list to continue reading (unless you are driven to check it all out.)

1.0. Eon of Eternity Past

1.0.0 Eternity Past Existed

1.0.0..1 Timeless [endless] Eternity Past Existed

1.0.0..2 Before the Universe existed

1.0.0..3 Something existed in the absence of the universe

1.1.0 Conditions Were Set Up to Start Universe

1.1.0..1	That Something caused the Universe [Everything] to come into existence
2.0.	Eon of Early Development
2.1.	The Universe Formed - <i>The Heavens</i>
2.1.0..	The beginning of Universe was an event, the beginning of time, space, matter and energy.
2.1.0..1.	The Universe had a beginning. It has not existed forever.
2.1.0..2.	It happened a long time ago
2.1.0..3.	Light was one of the first things to come into existence (It existed from "beginning")
2.1.0..3.1.	Light had a beginning. It has not existed forever.
2.1.0..3.2.	Light had a beginning from nothingness
2.1.0..4.	It was an explosive event.
2.1.0..4.2	Modern science refers to it as a "Big Bang."
2.2.	The Expansion of the Universe
2.2.1	Then there was the expansion of the universe.
2.2.2..	Then water became abundant in outer space
2.2.3..	Then stars came into existence
2.2.4..	Then the Sun came into existence
2.3.	The Development of the Solar System
2.3.1.	Then the solar system developed
2.3.1..1.	The earth and other planets developed.
2.3.1..2.	The planets are chambers storing water, eventually moderating the water cycle
2.3.1..3.	Water had accumulated in solar system
2.3.1..4.	Before life on earth
2.3.2.	Then hydrologic cycle (water cycle) developed in outer space of the solar system.
2.3.2..1.	That outer space hydrologic system is permanent
2.3.2..2.	That water cycle enabled the filling and maintaining future oceans.
2.3.2..3.	Water carried in by small comets
2.3.2..4.	Solar winds existed in solar system
2.3.2..4.1.	Water carried out by solar winds.
2.3.2..4.2.	Visible glow is a characteristic of solar winds
2.4.	The Development of the Planet Earth
2.4.1..	Then planet earth developed with molten magma surface (mantle.)
2.4.1..3	Molten mantle develops, which will later support the continents
2.4.1..4	Solidified Mantle will eventually become the ocean floor
2.4.1..5	Held in place by gravity/density (floatation)
2.4.1..6	Without continents
2.4.1..7	And without soil
2.4.1..8	Without oceans.
2.4.1..9	Without surface water
2.4.1..10	No humans existed
2.4.1..11.	With Juvenile water coming from inside the earth
2.4.2...	Then after a while the earth cooled enough to develop surface water
2.5.	The Development of the Atmosphere
2.5.1..	Then an atmosphere developed.
2.5.1..1.	Atmosphere captures water from outer space.
2.5.1..2.	Watered the surface of planet earth
2.6.	The Development of the Oceans
2.6.1..	Then the atmosphere captured water from outer space.
2.6.1..1	Adding to original juvenile water
2.6.1..2	Filling the oceans
2.6.1..3	Separating (extracting) water below the atmosphere (oceans)

- 2.6.1..4 (direction of separation (extraction) was from above to below)
 2.6.1..5 from water above the atmosphere (outer space water)
 2.6.2.. Then the earth was covered by the oceans,
 2.6.2..1. Solidified mantle became ocean floor
 2.6.2..2. Principles of physics existed prior to this
 2.6.2..3. Application of the principles of physics existed prior to this
 2.6.2..4. No continents existed at this time.
- 3.0. Eon of Preparation For Complex Life / Ecology**
- 3.1. The Emergence of the Continents**
- 3.1.1. Then catastrophic event(s) occurred (Mantle overturn event(s))
 3.1.1..1. Sea level established relative to continents (Sea held back)
 3.1.1..2. Continents (land) emerged
 3.1.1..3. Storm-Clouds-Wind
 3.1.1..4. Darkness (debris in atmosphere)
 3.1.1..5. Tectonic Activity: Rapid subduction (breaking of tectonic plate?)
 3.1.2.. Then Continents began to emerge
 3.1.3.. Then Continents established to be above sea level
 3.1.4.. Then Continents surrounded by continuous ocean, not oceans surrounded by continent
 3.1.5.. Then As continents grew there were episodes of mountain building,
 3.1.5..1. Mountains rose supported by floating on molten mantle (Isostatic Rebound)
 3.1.5..2. Valleys fell
 3.1.5..3. Isostatic balance developed
- 3.2. Cycles of Nature Established as the Basis of Enduring Ecology**
- 3.2.0..1 Then An era of equilibrium followed continent gathering and mountain building
- 3.2.1. Lithologic Cycle - Periodic Mountain Building and Eroding**
- 3.2.1..1 Established continent maintaining mechanism (Lithologic Cycle)
 3.2.1..2 Soil profile formed
- 3.2.2. Hydrologic Cycle - Evaporation/Condensation Transportation of Water**
- 3.2.2. Then The hydrologic cycle developed.
 3.2.2..1 According to pre-established laws of physics
 3.2.2..3 Sustained by water from the other planets (incoming cosmic water)
 3.2.2..4 Hydrologic Cycle maintained into Future Time
 3.2.2..2. Earth ready for life to begin,
 3.2.3. Then Life begins on earth
- 3.2.4. Carbon Dioxide/Hydrocarbon Cycle—Food chain**
- 3.2.4..1 Photosynthesis (Carbon Dioxide/Hydrocarbon cycle) developed
 3.2.4..2 Photosynthesis becomes the basis of the food chain
 3.2.4..3 The atmosphere became habitable by photosynthesis
 3.2.4..4 Food Chain begins
 3.2.4..4.1 Ultimate purpose of food chain is for sustaining human life.
- 3.2.5. Reproduction Cycle—Biogenesis**
- 3.2.5..1 Then Life became abundant on earth
 3.2.5..1.1. Plant biogenesis developed
 3.2.5..1.2. Animal biogenesis developed
- 3.2.6. Chronobiology Cycles—Chronobiology Rhythms**
- 3.2.6..1. Lunar Cycle for Seasons
 3.2.6..2. Circadian/Annual Cycles (Day/Night/Seasonal Patterns of Life Forms)
- 3.2.7. Food chain (Carbon Dioxide/Hydrocarbon cycle) fully developed
- 3.2.8. Mass Extinction/Sustained Ecology Cycle—Punctuated Equilibrium**
- 3.2.8..1. Ecology Destruction and Renewal Became Pattern of Existence

- 3.2.8..1.1. with mass extinction
- 4.0. Eon of Complex Life Forms**
- 4.1. Peak of Habitability—Ecology of Global Warming**
- 4.1.1. Era of sustained ecology.
 - 4.1.1..1. The sea swarms with living creatures.
 - 4.1.2. Then Plants with seeds developed.
 - 4.1.3. Era of Megafauna (Monsters)
 - 4.1.3..1. Megafauna (dinosaurs) thrive
 - 4.1.3..2. Pinnacle of Nature/Creation
 - 4.1.3..3. Sea monsters (Leviathan) thrive
 - 4.1.3..4. First birds developed
 - 4.1.3..5. First Flowering (Seeding) Plants.
 - 4.1.3..6. Ecology continues
- 4.2. Major Mass Extinction (Cretaceous/Cenozoic Boundary Event)**
 - 4.2.1. Major Mass extinction (Mantle turnover event with extinction)
 - 4.2.1..1. Tectonic Activity End Cretaceous
 - 4.2.1..2. Catastrophic event (great storm) (tidal waves)
 - 4.2.1..3. Darkness (debris in atmosphere)
 - 4.2.1..4. Breakup of continents (Mantle overturn event?)
 - 4.2.1..6. Extinction (death/dust)
 - 4.2.1..7. Isostatic rebound (mountain building episode)
- 4.3. Ecology Restored, less Global Warming, Rise of Mammals**
 - 4.3.1. Restoration of ecology
 - 4.3.1..1. New life forms Cycle Of Extinction & Renewal (Punctuated Equilibrium).
 - 4.3.1..2. Spread over continents The far past of recent life.
 - 4.3.2. Era of sustained (renewed) ecology.
 - 4.3.2..1. Mammals appear
 - 4.3.2..2. Forests and grasslands
 - 4.3.2..3. Human species appears on earth
 - 4.3.2..4. Man became a living soul
 - 4.3.2..5. Tropical ecology with mild global warming
 - 4.3.2..6. Punctuated Equilibrium Continues
- 4.4. Another Mass Extinction (Miocene/Pliocene Boundary Event)**
 - 4.4.1. End of Tropical Ecology
 - 4.4.1..1. Destruction of Habitat/Ecology event
 - 4.4.1..2. Tectonic motion event
 - 4.4.1..3. Volcanism event
- 4.5. Ecology Restored, Global Cooling**
 - 4.5.1. Era of restored ecology (Long time passes.)
 - 4.5.1..1. Climate turns colder and harsher - Global Cooling
 - 4.5.1..2. Thorns and Thistles ecology (carbon starved ecology)
 - 4.5.1..3. Expansion of humanity after habitat/ecology destruction
 - 4.5.1..5. Photosynthesis is the basis of the food chain for all forms of life.
 - 4.5.1..6. Pre-historic Past of Humanity
 - 4.5.1..7. Rate of Extinction exceeds Rate of Speciation
 - 4.5.1..8. Long Time Passes. Pleistocene
 - 4.5.1..9. Rise of language and civilization
- 4.6. Another Mass Extinction (Pleistocene/Holocene Boundary Event)**
 - 4.6.1..1. Mass Extinction of Large Mammals
- 4.7. Ecology Restored/Epoch of Secular Human History**

4.8. Era of restored ecology Proliferation of civilization after near extinction

4.8.2.. Living in Present

Now, that is a pretty impressive list. In reality, that is how it happened. No scientific bias has been included, no appealing to the theory of evolution, just the scientific facts. You judge where to put your faith.

OK, So the professor may have been a little biased in his presentation.

So, which list or story was developed by modern science and which by human religion? Or should I ask, which is in accord with modern science and which is in accord with the bible.

Are you surprised to know that the numbered list has each and every detail verified by relatively recent discovery of modern science?

Ironically, each and every detail on the numbered list was first published in at least one of the many creation accounts of the bible thousands of years before the corresponding discovery by modern science.

The numbered list was not generated by research of the discoveries of modern science, rather, it was generated by putting together all the creation accounts of the bible.

Not only that, the detail list generated by putting together all the creation accounts from the bible also includes a few additional points of detail:

- 1.1.0..1.1 Planned by intelligence [Scientist aspect of pre-existence: Laws of Physics, Logic]
- 1.1.0..1.2 Designed by Wisdom [Engineer aspect of pre-existence]
- 1.1.0..1.3 Constructed (created) by Power [Authority (ruler, king, lord, father) aspect of pre-existence]
- 2.1.0..4.1 The bible describes it as a great blowout.
- 2.4.1..1 Mantle Planned to support the earth (continents.)
- 2.4.1..2 Mantle Engineered to support the earth (continents)
- 3.2.2..2 Hydrologic Cycle for purpose of sustaining life
- 3.2.8..1.2 by inundation
- 4.2.1..5 Great flood (*breath taken away*)
- 4.5.1..4 Dedication of food chain
- 4.8.1.. Beginning times/Current Era Boundary

And of course, the one big detail found in every account of the bible: God did it.

These additional points of detail, although published along with those verified by independent discovery by modern science, have not been confirmed by politically correct modern science. The main reasons for this lack of confirmation is two fold. First, they are mostly out of the domain of modern science as modern science is (or should be) concerned only with what happened, not why it happened. Second, to confirm any indication of intelligent design would be political suicide for any politically correct scientist.

The book, *Eyewitness to the Origins*, tells the story of how this super account of creation found throughout the bible was carefully recorded thousands of years ago,

observed from scientist and theologian alike, and then revealed only after modern science independently discovered the exact same detail, thus providing scientific evidence of the supernatural authorship of the bible.

So, you do not have to choose between science and the bible. Modern science, when all the tradition and religious interpretation is removed from both the science and the bible facts, has verified the supernatural authorship of the science in the bible. Truth is truth, no matter the source.

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