

# **A Commentary on Psalm 104**

by

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Note: This is a work in progress. It is preliminary and is subject to periodic update and refinement. It is presented in draft form because the information is too important to wait for it to be complete. Some of the information is subject to correction as information develops.

In the literarily style of the Blason, Psalm 104 it is a praise of one's beloved arranged in a logical order, with supporting illustrations in the form of pictorial imaging.

Traditionally Psalm 104 has been interpreted to be a simple hymn of praise illustrated by God's greatness in the works of creation and nature. Historically the recognition of items that are in the realm of science in that psalm has been very shallow.

In reality, it is not just a hymn of praise, but an account of existence from before the beginning of the universe to future existence beyond the destruction of the current ecology. In this account is the exact chronological order of pre-historic facts, illustrated by many examples of pre-meditated current day results of those long ago creative developments.

The order of events mentioned in this psalm is so accurate that is impossible to have been the result of anything other than actual knowledge of the events of the origins and development of the universe, the planet earth, and the eco-systems that support life here on earth.

However, It is generally not recognized as a chronologically ordered account of anything. Its features and details of the orderly origins of the universe, the planet earth, the habitat, and ecology, even life itself, as we see it today are generally not recognized.

Some critics of the bible, even though they have not recognized the obvious chronology in this account, have noticed similarities to other ancient literature from other religions and concluded that the bible is nothing more than an evolutionary step in the development of religion from the imagination of human minds.

Also, not previously recognized is the fact that the form of this Psalm is that of the Blason.<sup>1</sup> The Blason is a literary form or style typically used to extol the physical virtues, generally in erotic detail, of one's beloved. It is generally an ordered list of physical features punctuated with vivid graphic symbolism. In the case of physical features of a woman, the order is generally from head to foot, or even from above the head to the ground upon which she walks. Sometimes the order is in reverse, from below to above. Academia says the Blason originated about five hundred years ago with a French poet, then spread to Elizabethan English. However, thousands of years earlier, this exact literary style was employed by King Solomon, the son of King David to whom has been generally attributed the publication of Psalm 104. In Psalm 104, King David employed this Blason literary form in praise of his

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<sup>1</sup> Frederick, Max B, *Science and the Bible E-Zine*, Volume 2, Number 1, January 31, 2009 article 2, *What Does the Bible Really Say Concerning the Origins?*  
<http://www.scienceandthebible.net/ezine/2009/SATB-Ezine-2009-01-31.pdf>

beloved God. In, Song of Solomon, King Solomon, employed this literary form in praise of his beloved woman.

In Psalm 104, a slight variation of the Blason is employed.

Where the Blason typically is arranged in order of space, such from the top of the head to the tip of the toe, Psalm 104 is arranged in order of time. This is an account of creation with creation events arranged in chronological order. The chronology starts in the far past, before the creation of the universe, and runs to the far future, to beyond the great day of judgment.

In Psalm 104, more than fifty items related to the origins are mentioned in chronological order. Each of these items, in the form of the Blason, is elaborated on, sometimes with examples of present day results of the ancient item being mentioned.

What is amazing is the chronology of the items mentioned here are in the exact historical order of the associated origin events as independently discovered by modern science.

In addition, some of the events or developments, when mentioned in their chronological order, are illustrated with an explanation emphasizing the pre-planning by the creator,. Some are illustrated with their future benefit to ecology. For example, the development of the hydrologic cycle on earth during the Archaean geologic time and the development of photosynthesis (Carbon Dioxide/Hydrocarbon Cycle) during the Proterozoic, receive benefit from storage of water on other planets during the Hadean geologic time. In turn, those Archaean and Proterozoic developments are for the future benefit of future (Holocene) ecology of trees, birds, wild goats, even rabbits (conies.)

This organization of the details mentioned reveal specific pre-knowledge of the underlying chronology long before those same details were independently re-discovered and identically re-ordered, by modern science. This knowledge appears to have been common knowledge during this ancient Hebrew era, before the time of the Babylonian Captivity, at least among bible writers. Several other biblical creation accounts contain this same factual knowledge and chronology. This commonality makes it easy to assemble all the biblical creation accounts into one comprehensive account having a common chronology.

Even though knowledge of such events and chronology was obviously known at the time of the original writing, that knowledge had been lost at the time of translation into English over four hundred years ago. Even at the time of the translation into Greek about 250 BC, that knowledge appears to have been lost. That loss caused difficulty for the translators to translate. Such information was outside the translator's realm of knowledge. (Such information is now considered to be in the realm of modern science.) As a result, "corrections" were employed in the translation to conform to the antique science of that day, and to keep from making their God look bad.

Once Psalm 104 is recognized to be a chronologically ordered account of physical existence, from the beginning of the universe through the far future, it is hard to imagine the lack of that recognition through the centuries. Obviously, one of the stumbling blocks to that recognition is the lack of any reference to a six day schedule that theologians have set in their minds to be a requirement of any account of the origins.

In fact, that lack of any reference to a six day schedule in all but one of the many creation accounts of the bible is probably why the overwhelming quantity of biblical creation accounts have remained unrecognized or ignored through the ages.

## **Detailed Commentary on the Items in the Realm of Science in Psalm 104:**

Psalm 104 is a chronologically ordered catalog of items relevant to creation and existence. The list spans from eternity past to eternity future.

This Commentary is arranged in outline form emphasizing the chronology. In this presentation, a key to the outline form is in the header of each page for easy reference.

**Note:** The blatantly obvious items in this account tell us Psalm 104 is a chronologically ordered list of significant events related to the origins and existence. Therefore, other items in the list that are less obvious, are interpreted in the context of the knowledge that this is a chronologically ordered list of items in the realm of science.

**Disclaimer:** The more obvious items are the basis for the conclusion that this psalm is in fact an ordered catalog of items. The lesser obvious items are less obvious sometimes due to the lack of understanding by the translators of the original language, and sometimes due to the figurative and less explicit language. In either case, the interpretations of the lesser obvious items are not to be considered to be the infallible word of God. They are only the best effort of the fallible human author to point out the consistency of this psalm with the chronology common to all the other creation accounts of the bible, and with reality as has been discovered, or as is in the process of being discovered by modern science.

**Result:** The realization that this psalm contains a chronology that is impossible to have been humanly known when it was written, before modern science independently re-discovered many of the same facts, and the fact that there is no doubt that it was written thousands of years before such re-discovery, is overwhelming evidence of the supernatural credibility of the information contained in the ancient scriptures.

In this presentation, different fonts are used to separate out the different parts of the form of the Genre employed in this Psalm. That Genre form, employed by this Psalm is love poetry, of the subgenre, *emblematic blason*, (praising the beloved by cataloging the physical features of the beloved and comparing them to objects in nature.) The different parts of this Genre have different functions from simple mention to the figurative illustration of that item, to its future effect.

The chronology is divided into five Eon's indicated by five all cap headings such as:

### **EON 3: PREPARATION FOR COMPLEX LIFE/ECOLOGY:**

Each item of the catalogue is emphasized by an inserted heading:

**Catalog Item heading in a larger, bold type face    --    Chronology Label**

The actual scripture is presented in three different bold font types, indented as shown:

**Underlined plain text for the mention or detail of the catalog item,**

**Plain Text for figurative language/ symbolism/ illustration/ emotion...**

***Italics for future benefit illustration with unrelated objects of nature.***

When appropriate, non-scripture commentary is inserted, further indented and right and left justified.

Catalog Item

Geological Chronology/Age

Detail as mentioned or explained in scripture

Figurative language/ Symbolism/ Praise/ Feelings/Passion/Emotions/  
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## Psalm 104: The Chronology of Existence A Biblical Creation Account

<sup>1a</sup> Bless the LORD, O my soul.

Opening remark: This is a Psalm of praise of the Lord.

### EON 1: ETERNITY PAST, TIMELESS PAST BEFORE THE BEGINNING:

In the context of this Psalm being an ordered list of items relevant to creation and existence, from eternity past to eternity future, the existence of God in eternity past is acknowledged in the literary form of a praise. God existed before what scientists currently call the “Big Bang” where light came into existence along with the other dimensions of the four dimensional universe of time, space, mass, and energy. Light is the form of energy that is mentioned in this praise.

#### God Existed in Eternity Past

#### Eternity Past

<sup>1b</sup> O LORD my God, Thou art very great;

The existence of God in eternity past is acknowledged in the literary form of a praise.

**thou art clothed with honour and majesty.**

Symbolism: Before the existence of light, before the existence of the universe, as developed in the next few verses, God was already clothed in splendor.

### EON 2: EARLY DEVELOPMENT:

#### The Creation

#### Big Bang

<sup>2a</sup> Who

God, the “Who” in this phrase, was the cause of light (and the rest of the universe) coming into existence. See authors commentary on Job 38.

**coverest [thyself]**

Figurative symbolism explained below.

#### Beginning of Light.

#### Pre-Hadean

<sup>2b</sup> with light

Light was one of the first things to come into existence at the beginning of the universe. Light had a beginning. It has not existed forever

**as [with] a garment:**

Symbolism: God [thyself] pictured as entering into light as in putting on a garment symbolizes the theological doctrine of kenosis where it is alleged that God, in the act of creating the

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universe, emptied out himself into the creation of the universe, putting Himself into it as if putting it on like a garment. See authors commentary on Job 38.

**Expansion of the Universe****Pre-Hadean**<sup>2c</sup> who stretchest out the heavens (cosmos)

Then there was the expansion of the universe (The expansion of the universe is one of those obvious items used to conclude this psalm is in fact a catalog of chronologically ordered items.) The heavens (including invisible dark water as implied by the mention in verse 3, and that which is seen: the sun and stars) came into existence after the light and beginning of expansion. At this time, as indicated in verse 3 and the following verses, water was abundant in outer space

<sup>2d</sup> **like a curtain:**

Symbolism: The universe became a garment or curtain around God

**Development of the Planets****Pre-Hadean**<sup>3a</sup> Who constructs his chambers of heaven (planets)

In the bible, the planets are referred to as chambers of the south, or upper chambers. This appears to be a description of the planets as chambers for storage of water to moderate the water cycle (hydrologic cycle) in the outer space of the solar system. This appears to be a description of the development of the solar system. The earth and other planets developed at this point in the time sequence.

**Water Already Abundant in Space where Planets Developed** **Pre-Hadean**<sup>3b</sup> in the waters [of outer space]:

Modern science has discovered the principle that planets tend to develop in water rich regions of the universe. Water had accumulated in the region of the universe where the solar system is developing at this point in the chronology.

**Hydrologic (water) Cycle Set up in Outer Space of Solar System** **Hadean**<sup>3c</sup> who set up the dark clouds (extraterrestrial water)

As the solar system developed, a water cycle developed in the outer space of the solar system, water in outer space is accurately described as dark, particularly as it is moving inward.

**Hydrologic Cycle: Incoming Water****Hadean**<sup>3d</sup> to be his [water] conveyors:

These dark clouds transported extraterrestrial water inbound.

**Hydrologic Cycle: Outgoing Water****Hadean**<sup>3e</sup> who carries [water]

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God set up the outbound water carriers to be the solar winds.

**Solar Winds a Part of Solar Water Cycle****Hadean****<sup>3f</sup> upon the far reaches of the winds [winds of heaven] (Solar Winds)**

Solar winds existed in solar system. The ancient word here typically translated wings did not mean an airfoil, rather, it meant the outer extreme extensions, “the wings of the wind” actually meant the extreme outer wind, hence, solar winds. It is these outer reaches of the wind, the solar winds, that transport the outbound water in the solar system water cycle.

**Solar Winds Transport Outbound Water****Hadean****<sup>4a</sup> Who maketh his messengers winds [of heaven];**

Solar winds transporting outbound water are described as messengers.

**Visible Glow a Characteristic of Solar Wind****Hadean****<sup>4b</sup> his servants a flaming fire:**

These solar winds (messengers or servants) are accurately described as having the characteristic of a visible glow as in the tail of a comet where water is blown off away from the sun.

**Planet Earth Develops Molten Outer Layer****Hadean****<sup>5a</sup> [Who] laid the foundations of the continents, (liquid support)**

Then planet earth developed a molten magma surface. We call it the mantle. Here it is named for its future function of supporting the future continents, hence the name “foundation of the earth (continents.)” The mantle, at that time, was an outer layer of molten rock, that eventually became the support for the continents, being slightly more dense than the then future continental rocks.

***<sup>5b</sup> [that] it (continents) should not be removed for ever.***

The mantle is described in I Samuel 2:8 using an ancient word translated in KJV as “pillars,” that original word actually meant “molten support.” This is a statement that the higher density layer of the mantle was designed to support less dense rock of the future continents by differential density (flotation) so that the continents would not sink into the core of the planet. Solidified Mantle is to become the ocean floor. Thus the continents are continually held in place ( held up) by flotation.

Historical Note:

This verse was used in a significant event in the recent (within the past 500 years) history of the separation between science and religion. In 1633, just 22 years after the publication of the King James translation of the bible, this verse was used as evidence that the bible says the planet earth is the center of the universe in that it cannot be moving, as in traveling around the sun. It was used by the religious leaders of the time to convict

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Galileo of crimes against the church. In the King James Version of the bible, this verse read, “[Who] laid the foundations of the earth, [that] it should not be removed for ever.”

Of course, now it is obvious that the interpretation of that verse was completely off in two ways. One, it was not talking about the planet earth, rather the earthen ground, the continents as opposed to the sea. Two, it was not talking about movement through space as in around the sun, but vertical movement relative to sea level, as in sinking to again be below sea level. The other main verse used to convict Galileo, Psalm 93, is also seen to be about relative vertical movement of the continents. Theologians were in error when they interpreted it to mean the planet was not traveling through space. Psalm 93 is only five verses, and when you look at the rest of that psalm you will see the theme is the God given progression of events, after the establishment of the continents, it is a permanent restructuring of the surface of this planet. The continents will not again be overtaken by the sea. Try as it might, the order established by the Lord for continents to exist is stronger than the efforts of the floods to overcome the continents. It has nothing to do with the planet traveling through space.

Somewhere in ancient times, whoever was responsible for writing the bible knew the progression of events was as is described here, first the development of the mantle to support the continents (v. 5a), second the covering of the entire planet with ocean (v.6a,b), third the emergence of continents surrounded by the waters of that ocean (v. 7, 8). Whoever was responsible for the writing of the bible knew this was to be a permanent restructuring of the surface of the planet earth (v. 9). See also, 1 Chronicles 16:30, 32, “Fear before him, all the earth: the world also shall be stable, that it be not moved... Let the sea roar...”

**The Development of the Early Ocean****Hadean****<sup>6a</sup> Thou coveredst it (mantle) with the ocean as [with] a garment:**

After the outer layer of the planet earth cooled sufficiently and was solidified, the planet earth became covered by the oceans. Solidified mantle became the ocean floor. Genesis 1:6-10 describes in detail the process of filling the oceans by first developing an early atmosphere, then that atmosphere acting to capture (separate) water from above (water of outer space) to become water below, thus covering the mantle with ocean .

**<sup>6b</sup> the waters stood above the mountains.**

At this point in the sequence of events, no continents existed, just as described in Genesis 1:2 “and the earth (continents) was not formed, there was none.” This statement is the lead in to the next major event, the emergence of the continents

**EON 3: PREPARATION FOR COMPLEX LIFE/ECOLOGY:**

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**The Emergence of the Continents****Archaean**<sup>7a</sup> **At thy rebuke**

Then catastrophic event(s) occurred (Mantle overturn event(s?)) Modern science is just beginning to realize the catastrophic nature of the event(s) of the emergence of the continents. The acceptance by modern science of the possibility of the catastrophic nature of some past events of the origins began with the acceptance of the catastrophic meteorite impact that ended the Cretaceous era.

<sup>7b</sup> they(the waters) fled;

As water drained off the rising land, continents began to emerge from below sea level.

<sup>7c</sup> **at the voice of thy thunder**

The sudden, or catastrophic nature of this event is emphasized by the mention of a thunderous roar accompanying the event.

<sup>7d</sup> they(the waters) hasted away.

As the continents rose, the water covering them flowed off the continents into the ocean basins.

**Isostacy Established****Archaean**<sup>8a</sup> The mountains go up,

Mountains rose up, buoyed up by the molten mantle below (isostatic rebound.)

<sup>8b</sup> the valleys go down

Valleys fell in isostatic balance.

<sup>8c</sup> unto the place which thou hast founded for them.

After the continents emerged from below sea level, the equilibrium of isostatic balance becomes re-established. Note that this obvious and accurate statement of the principle of isostacy is one of those blatantly obvious statements used to confirm that this psalm is in fact a catalog of sequential items related to the origins of existence. In spite of the obviousness of this statement in the original language, many early translators could not bring themselves to translate it correctly, implying that it was the water that went up and down. That is a demonstration of the influence of perceived reality on the renderings of the translators. At that time, it was assumed to be factual knowledge that mountains did not go up and valleys did not go down. However, around 1900, only a little more than one hundred years ago, modern science discovered and published the principle of isostacy. From that time on, translators felt free, without explanation, to translate it properly.

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**Maintenance Cycles Develop to Sustain Future Ecology:****A Mechanism Established to Maintain Continents****Archaean****<sup>9a</sup> Thou hast set a bound that they (the oceans) may not pass over;**

An era of equilibrium followed the emergence of the continents. This has been discovered by modern science to be a consequence of the increased the thickness of the continental rock layer due to gathering of the continental type rocks by the mechanism that is here established to maintain the continents to be above sea level. This mechanism, some lithologic cycle, continually works from this ancient time even to the present, to maintain the gathering of the continental type rocks into clumps that are tall enough to stick out above sea level.

**<sup>9b</sup> that they (the oceans) turn not again to cover the earth.**

The future purpose of the establishment of this mechanism is to prevent the continents from eroding away and being again washed over by the ocean.

**The Water (Hydrologic) Cycle established on Continents****Archaean****<sup>10</sup>He sendeth the springs into the valleys,  
[which] run among the hills.**

As soon as the continents emerged, the hydrologic cycle is established as the mechanism to transport water from the oceans for the purpose of irrigating the continents.

**<sup>11</sup> They give drink to every beast of the field:  
the wild asses quench their thirst.****<sup>12</sup> By them shall the fowls of the heaven have their habitation,  
[which] sing among the branches.**

Water Cycle is established at this point in the sequence of events for purpose of sustaining future life forms.

**Water From Other Planets Maintains Earth Water Supply.****Archaean****<sup>13a</sup> He watereth the hills from his chambers of heaven:**

Water from other planets (chambers of heaven) maintains the water cycle on the planet earth? Is the ancient scripture here makes a statement concerning a fact of nature that modern science has not yet come to accept? Modern science is still in the process of realizing that the planets in the solar system are simultaneously gaining and losing water from and to outer space. Water in the solar system is stored on the planets and released to become available to other planets as equilibrium conditions change. Has the water that once was accumulated on the planet Mars gone back into outer space of the solar system where it supplemented the supply of outer space water that is now incoming to other planets? Could this be a

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statement that the loss of water from the planet Mars is possibly moderating the supply of outer space water that is incoming to the planet earth? Could this be a reference to a mechanism that may prolong the time which the planet earth can have a life sustaining supply of water?

**Planet Earth is Now Ready for Life to Begin.****Archaean**

<sup>13b</sup> **the earth is satisfied with the fruit of thy works.**

Figurative language describing the continental land masses (earth) as being ready for complex life to survive.

**Photosynthesis (Carbon Dioxide/Hydrocarbon cycle) Begins Proterozoic**

Note: These next two cycles are extensively illustrated by then future, but now current day examples of the results of these cycles of nature being established at this point in the sequence of origin events. This is possibly because modern science had not yet, at that time defined these cycles, and thus they would be unfamiliar to the readers.

<sup>14a</sup> He causes

God causes photosynthesis. He causes it for a purpose. That purpose is to supply energy for life forms. Photosynthesis converts light energy from the sun into stored chemical energy useable by life forms. Photosynthesis is the basis of The Carbon Dioxide/Hydrocarbon Cycle, the cycle that is also known as the food chain.

<sup>14b</sup> young green herbage to grow

The green in plants is chlorophyll, the substance that converts solar energy into chemical energy. That process is called photosynthesis. At this point in the sequence of events, the green chlorophyll in plants enables photosynthesis to begin. Photosynthesis enables the beginning of the Carbon Dioxide/Hydrocarbon cycle:

*<sup>14c</sup> for the cattle*

Example of future life form made possible by having photosynthesis as the basis of the food chain.

<sup>14d</sup> and mature green plants

The meaning of the word in the original language is generic mature green foliage, basic photosynthesis producing vegetation. This photosynthesis dominates the plant kingdom, and is the basis for all future ecology. It makes future human life possible

*<sup>14e</sup> for the service of man:*

*<sup>14f</sup> that he may bring forth food out of the earth;*

*<sup>15</sup> And wine [that] maketh glad the heart of man,  
 [and] oil to make [his] face to shine,*

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**and bread [which] strengtheneth man's heart.**

Examples of future result of photosynthesis being the basis of the food chain that makes human life possible.

<sup>16</sup>**The trees of the LORD are full [of sap];  
 the cedars of Lebanon, which he hath planted;**

<sup>17</sup>**Where the birds make their nests:  
 [as for] the stork, the fir trees [are] her house.**

<sup>18</sup>**The high hills [are] a refuge for the wild goats;  
 [and] the rocks for the conies.**

Example of future result of photosynthesis in ecology where photosynthesis makes ecology possible where future plants and animals abound having been fueled by photosynthesis that started way back at this point in time in the sequence of events.

**Lunar Cycle to Co-ordinate Seasons of Life.****Proterozoic/Cambrian**

<sup>19a</sup>**He appointed the moon for seasons:**

Life Develops Lunar Cycles for Seasons.

**Circadian Cycle to Co-ordinate Seasons of Life.****Proterozoic/Cambrian**

<sup>19b</sup>**the sun knoweth his going down. Thou makest darkness** <sup>20</sup>**and it is night:**

*wherein all the beasts of the forest do creep [forth].*

<sup>21</sup>**The young lions roar after their prey, and seek their meat from God.**

The Circadian Cycle, Day/Night patterns, illustrated by giving examples using future life forms. The results of the food chain (Carbon Dioxide/Hydrocarbon cycle) and the day night patterns (Circadian Cycle) working together in future life forms, is also used for illustration of these mechanisms vital to life that had not yet been formalized into scientific “cycles.”

<sup>22</sup>**The sun ariseth,**

*they gather themselves together, and lay them down in their dens.*

<sup>23</sup>**Man goeth forth unto his work and to his labour until the evening.**

Using examples from the future to illustrate these unfamiliar principles of science, the cycles of life, continues. These are examples of the future results of these cycles being established at this point in time in the sequence of origin events.

**EON 4: EON OF COMPLEX LIFE FORMS:****The History of Life Forms and Mass Extinctions****The Eon of Complex Life Forms.****Cambrian Explosion**

<sup>24</sup>**O LORD, how manifold are thy works!**

**in wisdom hast thou made them all:**

**the earth is full of thy riches.**

The third portion of this Psalm, the History of Life Forms and patterns of Mass Extinctions is introduced by figurative

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language about the earth being full of “works.” In the next few verses, it becomes obvious these works, are the ecology of a great variety of life forms.

**The Age of Sea Life Forms.****Ordovician**

<sup>25</sup>[So is] this great and wide sea,  
wherein [are] things creeping innumerable,  
both small and great beasts.

This era begins with the sea, as opposed to the earth (land) swarming with living creatures. This is an accurate description of the life forms prevalent in the Ordovician geologic era.

**The Age of Monster Life Forms.****Mesozoic**

<sup>26</sup>There go the groaning sea monsters (leviathan,) [whom] thou hast made to play therein (in the sea.)

The Age of Megafauna (Monsters) during Mesozoic time, is when Sea monsters (Leviathan) thrived. Other passages also describe this Mesozoic age of monsters in similar verbiage, and also mention land monsters that fit the description of dinosaurs. Note, most translations render the word here translated groaning, to be “ships.” However, in the original language the difference between the word meaning “naval, or sea related” and the word meaning “groaning and lamentations” are different by only a tiny mark causing a slightly different pronunciation. The version I found on the internet throws that word to the side of the “groaning and lamentation” meaning, which makes the passage make more sense, describing the sea monster as having the feature of groaning rather than being a ship, as it makes no sense to describe a sea monster as a ship that plays in the sea, where Job describes that the sea monster, leviathan as having the ability to breathe fire:

*“Out of his mouth go burning lamps, [and] sparks of fire leap out. Out of his nostrils goeth smoke, as [out] of a seething pot or caldron. His breath kindleth coals, and a flame goeth out of his mouth.” Job 41:19-21 KJV*

<sup>27</sup>These wait all upon thee; that thou mayest give [them] their meat in due season.

<sup>28</sup>[That] thou givest them they gather: thou openest thine hand, they are filled with good.

Ecology continues during the Mesozoic. The cycles of life, such as the food chain continue to operate.

**Major Mass Extinction.****Cretaceous/Cenozoic (Kt) Boundary Event**

This Psalm is not the only place in the bible where the Kt Boundary Mass Extinction is described. Psalm 148 describes the end of the age of the monsters thusly:

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<sup>7c</sup>And all the oceans, <sup>8a</sup>fire and falling judgment,  
 falling white and toxic fume, tempestuous wind,  
<sup>8b</sup>All following his instructions (laws of physics).

Modern science has discovered it was a catastrophic event when a giant meteorite fell from the sky and disrupted ecology worldwide.

<sup>29a</sup> **Thou hidest thy face,**

Symbolically, or metaphorically, this could be interpreted to be a reference to darkness caused by debris in atmosphere thrown up by the meteorite impact.

<sup>29b</sup> **they are troubled:**

Similar language is used other places in the bible to indicate tectonic activity. Could this metaphoric or symbolic language be interpreted to be reference to some breakup of continents such as a mantle overturn event?

<sup>29c</sup> **Thou takest away their breath,**

Taking away breath causes death. The interpretation could be this simple as the next phrase says they die and return to their dust. However, This could be interpreted to say the mass extinction included some great flood or other suffocating mechanism that actually caused breath to be taken away.

<sup>29d</sup> **they die, and return to their dust.**

In any event, the result was, Extinction (death/dust.) of the megafauna.

**Life and Ecology Renewed****Paleogene**

<sup>30a</sup> **Thou sendest forth thy spirit,**

Life returns after widespread death. Immediately after describing a mass extinction, this Psalm speaks of sending forth a spirit, a figurative way of saying life returns to the lifelessness left in the previous phrase.

<sup>30b</sup> **they are created:**

However, it is new life forms that replace the old, not a reviving of the old life forms. It is described as a creation, not a resurrection. This is an accurate description of what scientists call the Cycle Of Extinction & Renewal, also called Punctuated Equilibrium.

<sup>30c</sup> **And thou renewest the face of the earth.**

A new ecology spreads over the continents in the far past of recent life. (Paleogene.) This is not a resurrection. This is not a restoration. It is a renewal. New life forms arise to replace the old after a mass extinction. That is an accurate description of what happened in the Kt Boundary mass extinction and renewal of ecology. Previous species were replaced with new.

## Catalog Item

## Geological Chronology/Age

Detail as mentioned or explained in scripture

Figurative language/ Symbolism/ Praise/ Feelings/Passion/Emotions/  
*Future Benefit/ comparison to items of currently observable ecology.*

Commentary

**Era of Sustained Ecology****Paleogene****<sup>31a</sup> The renewal shall become the glory of the LORD, enduring for the eon**

This describes an Era of sustained (renewed) ecology, recognized in the geologic record as the Paleogene Sub-Period. This also corresponds to another ancient scripture description, "In the ancient past the Lord established an ecology of paradise."

**<sup>31b</sup> the LORD shall rejoice in his works.**

Somewhere in his eon of time, the human race appeared on the planet earth. Could this be the "works" referred to that the Lord is rejoicing about? Could this correspond to the Miocene geologic epoch?

**Another Mass Extinction****Miocene/Pliocene Boundary Event****<sup>32</sup> He looketh on the earth, and it trembleth: He toucheth the hills, and they smoke.**

After another geologically long amount of time of ecologic equilibrium as described above, another mass extinction is described. In the original ancient language more literally translated it says, "*He is looking to the land and she is trembling, he is touching it in the mountains and they are smoking.*" Clearly this is a description of tectonic (volcanic) activity. This destruction of Habitat/Ecology event appears to correspond with the Miocene-Pliocene boundary event in which ecological habitat was partially destroyed by tectonic activity. It also corresponds with the destruction of the Garden of Eden in other scripture references.

**Era of Restored Ecology****Pliocene**

Notice, at this point in the psalm, the change to the first person singular, a subtle, figurative indication that from at least this point in time on, humans existed.

**<sup>33a</sup> I will sing unto the LORD as long as I live:**

This mention of long and life could be a figurative reference to an era of restored ecology in which a Long time passes. If so, it would correspond to the geologic Pliocene Epoch in which a restored ecology continues.

**<sup>33b</sup> I will sing praise to my God while I have my being.**

If this new phrase is figurative mention of an additional period when a Long Time Passes while humans exist, it would correspond to the geologic Pleistocene Epoch.

**<sup>34</sup> My meditation of him shall be sweet: I will be glad in the LORD.**

This is the final line of scripture before the description of the next mass extinction event that is still in the future. That would make this epoch of time correspond with the present geologic Holocene Epoch. Could this be an indication of

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## Commentary

ancient knowledge that there was another Era of restored ecology with proliferation of civilization after another near extinction event, the North American large animal extinction event that defined the beginning of the Holocene Epoch? Why is there no mention of Noah's flood which, in this chronology, would correspond with the North American Large Animal minor extinction? Could it be that the other things mentioned were of such a greater significance in the context of the overall chronology? The evidence in the geologic column would indicate this to be the case, Noah's flood being just another of many minor mass extinctions that have occurred throughout the past.

**Another Mass Extinction****Holocene/Eternity Future Boundary Event**<sup>35a</sup> Let the sinners be consumed out of the earth.

A Future Mass Extinction event is mentioned many places in ancient scripture. Some places it is described as the Great and Terrible Day of the Lord, in others as the great Judgment Day. In any event, it is always in the context of a future major mass extinction. In one place it is described as having tectonic activity similar to the end of the Garden of Eden era. In another place it is compared to a great flood. In another, it is associated with fire and brimstone. In any event, there is no lack of embellishment as to the severity of this future mass extinction event that precedes the transition into the next cycle of renewed ecology that is to be occupied by the survivors of the human race along with their maker.

Here that future mass extinction is described as a consumption of sinners out of the earth.

**EON 5: ETERNITY FUTURE:****Era of Restored Ecology****Eternity Future**

The continuation of the earthly pattern of punctuated equilibrium, the pattern of mass extinction followed by an age of restored ecological equilibrium into Eternity Future is in scripture variously described as the new heaven and new earth. It is in this context that the assumption is made that the next and final three phrases of this psalm are a reference to that future era where there will be no sinners, the righteous will dwell with their maker, and the creator of the universe will rule supreme.

<sup>35b</sup> and let the wicked be no more.

In the new heaven and new earth of Eternity Future, the sinners will be extinct.

**Catalog Item**

**Geological Chronology/Age**

Detail as mentioned or explained in scripture

*Figurative language/ Symbolism/ Praise/ Feelings/Passion/Emotions/  
Future Benefit/ comparison to items of currently observable ecology.*

Commentary

<sup>35c</sup> **Bless thou the LORD, O my soul.**

Mention of self in this context may be figurative reference to human existence in eternity future.

<sup>35d</sup> **Praise ye the LORD.**

Just as this Psalm opened with a mention, in the form of a praise, of the existence of God before the existence of the universe, in the context of eternity past, it ends with a mention in the form of a praise, of God in the context of eternity future.