

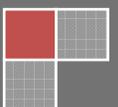
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Planetary Atmosphere Tectonic Machine Theory ©

Natural Physics Theory

A Theory about Natural Machines, the Creation of Life,
Supporting Planetary Atmospheres, and Evolution

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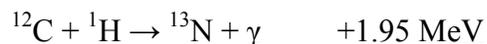


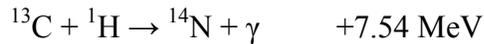
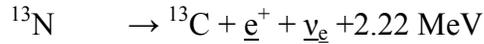
Planetary Atmosphere Tectonic Machine Theory

The idea is that all oxygen on the Earth comes from water in the ocean. As you know oxygen here is 20% of the atmosphere and on Mars a trace less than 1%. The idea is that under the ocean, at the location of the tectonic plates where magma is released at fairly distributed cracks throughout all the oceans, water comes into contact with temperatures over 2000 C. The water or H₂O is converted into hydrogen and oxygen (O₂). The oxygen bubbles up as in a fish tank and oxygenates the ocean, and also bubbles up from the top of the ocean into the atmosphere. This O₂ in the atmosphere is gradually lost to space, and shielded partly by the layer of O₃, or ozone and also the magnetic field.

The rules for a Planetary Atmosphere Tectonic Machine are as follows:

- 1.) Life cannot create atmosphere and sustain itself, it must be achieved by "active" mechanical processes that evolve to create an environment that sustains life.
- 2.) The Source of Oxygen is the ocean and it interacts with heat and the tectonic plate adjacencies to create oxygen.
- 3.) Life on earth does not add more oxygen or CO₂, the net effect is near zero or less.
- 4.) The polar caps are storage of oxygen by this rule
- 5.) Global warming is destroying the polar caps, hence the "stored" supply of oxygen in the form of ice.
- 6.) Fish are more abundant in areas near the oxygen producing regions.
- 7.) Oxygenated water has a high O₂ value in oxygen producing regions of the ocean.
- 8.) The oceans as generator of oxygen explains why there was oxygen in the ice age when the "stored" supply of oxygen in ice was vastly increased and plant life reduced.
- 9.) Life did not begin on the planet until the beginning of tectonic plate activity and interaction with the ocean.
- 10.) The moon assists in oxygenating the ocean along with the wind on a minor level.
- 11.) When Hydrogen and Oxygen are produced by nuclear endothermic reaction from water, hydrogen reassembles itself into nitrogen. Hydrogen is the building block of the universe and nitrogen is one of the most abundant elements. So the transition from hydrogen to nitrogen is common in the universe with the right amount of heat, and nitrogen is more stable than other elements. The reaction to form nitrogen is a nuclear endothermic reaction to produce nitrogen as follows:





12.) The reason why there is more Nitrogen in the atmosphere is because most of the oxygen is in the water for the fish to breath and comes slowly out of the water into the atmosphere. Contrarily, nitrogen passes quickly through the water to the atmosphere. The solubility of oxygen in water is higher than the solubility of nitrogen. Air dissolved in water contains approximately 35.6% oxygen compared to 21% in the atmosphere.

13.) The CO₂ in the atmosphere produced is mainly from volcanic activity.

14.) Salt is created by this process, but the water will not hold more salt than is present due to the presence of oxygen and other minerals.

15.) Ecosystems do not maintain the stability of life on a planet, mechanical systems do. Natural physics and natural "machines" or models come before and are precursors to life.

16.) Water in the atmosphere is allowed by its complimentary relation with O₂ in this process.

17.) Oxygen or O₂ in the atmosphere is evidence of the tectonic plate - water mechanical processes that produce atmosphere as we have on earth.

18.) Oxygen is stored in the water as well as ice, and is not lost there, but I think more water puts more vapor pressure to push oxygen into the top of the atmosphere to outer space. Liquid water is more fragile than ice for being lost into space. More water on the planet will create a larger bulge at the center by the moon and could even affect the tilt of the planet's axis as has probably been in the past, and any adjustments there will drastically affect all plant life. They claim



the Sahara was once a tropical forest. Nuclear explosion testing in the ocean is a blatant destruction of both the atmosphere and oxygen supply in the water. And the point is this, the oxygen in the water is just that, a supply, like oil, minerals, etc, and when it's gone, that's the end for life of an oxygen breathing planet. We can go without oil, but not oxygen. And I think then the symbiotic relationship of O₂ ratios to quantity of water, if disturbed abruptly, you're going to have a destructive shift in equilibrium. Since they are connected, and also connected to the generator at the core of the earth. It is machinery, like a car, so don't mess with the mechanism. Look at Venus, just a few miles closer to the sun, and the heat evaporates any water or chance for life. Look at Mars, still workable like the earth in its early history, but the mechanical

generator at the core to burn water to oxygen is much smaller, doesn't last as long and is now dead, and the magnetic field that protects the water from solar radiation from the spinning hot core (rotational electrons at the hot core generate a magnetic field), once gone, water evaporates. The only water left on Mars is primarily frozen or stored, left to liquid, it would be bone dry eventually. So you have the Earth, in the right location, right size (core), right amount of water to create what I call a symbiotic relationship with the atmosphere with O₂, a "machine" that supports life; and Jupiter not too far off with a large gravitation just outside to draw in most of the comets along with the Sun to protect both the Earth and Mars. So the 2 planets Mars and Earth are protected similarly, Mars being more fragile where the tectonic machine has stopped, but both in the right location, protected by Jupiter and the Sun. There's a model for equating probability for life elsewhere, but it starts to diminish fast by these limitations. So look into the galaxy, and if you see O₂ at 20% of the atmosphere, guaranteed it has an ocean and probably in a similar model to the Earth. Exo-planets similar in model to the Earth are good places for future exploration for both life and alien contact.

19.) Oxygen in the atmosphere is an indicator of water on the ground as a result of an atmosphere producing tectonic machine. Trace oxygen could be the remnant of plant life and an atmosphere producing tectonic machine. Oxygen represents tectonic activity current or past with few exceptions. This can be used to define tectonic activity similar to Earth across the Universe.

Implications for Mars and Life:

1.) Life as we know it depends on an ocean to supply oxygen via underwater molecular separation at hot volcanic/tectonic activity from the planet core. Not possible in older planets like Mars, by rather younger planets. Venus could be a future candidate, or Titan, moon of Saturn, but Venus is too close to the Sun as discussed, and Titan needs a larger Sun (maybe when the Sun expands). (Photo Mars: NASA & ESA).



2.) If Mars has life, it had it when there was an ocean and high level of tectonic subsea activity.

3.) If there is life on Mars, it must be of a type that breathes CO₂ (almost the entire thin atmosphere) in the day releasing O₂ by photosynthesis, and hibernates at night since it is so cold (range about 80 to -212F). Maybe pine trees that have adapted to hibernate at night are there. Plants on Earth breathe O₂ at night, and hence Earth style plants on Mars would have to be of a type capable of hibernating in the cold air at night. But it is also possible that the plants produce their own heat and hence survive the cold and melt the ice for nutrition. I would attribute large plant size to the Mars atmosphere dominated by CO₂ and lighter gravity. There are plants on Earth that are "warm-blooded" or maintain a temperature of 36C in 5C cold weather. Consequently, the concept of a warm blooded plant on Mars is possible by evidence on Earth.

4.) Mars has oxygen, so I attribute its trace presence to limited plant life left there that survived, and is there supplying the trace oxygen, and also evidence of past tectonic activity.

5.) The concept of terra-forming is valid as a mechanical process, not a "green" landscaping construction.

6.) Terra-forming may be possible by collecting huge pieces of ice floating in dark space and sending them to mars to create an ocean. The second step would involve artificially creating nuclear processors in even distribution under the ocean to create nitrogen and oxygen from that water for an atmosphere. Then you would have mechanically terra-formed.

7.) The less water in the atmosphere is because it is primarily CO₂. More water means more O₂ in the air, and more O₂ (in the air) means more water on the ground. This is a compatible interchange relationship of absorption-diffusion. The detection of water in the air would be less in CO₂ atmosphere. You can have standing water on mars simply because the temperature does rise there way above the melting point of water. And I do believe the trees could be warm blooded (heat producing), hence melting the ice to water. The trees could also be hibernating during colder temperatures.

8.) Symbiotic or interdependent relationship between oxygen and water is explained as follows: oxygen in the atmosphere in abundance (20% O₂) with its nitrogen compliment is evidence of water on the surface of the planet in abundance. Water clouds in the sky are evidence of oxygen. Oxygen in the atmosphere is evidence of water-tectonic plate activity "machine" or mechanical processes that produces the oxygen atmosphere.

Mars history may have one of 3 pasts:

- 1.) Cataclysm that evaporated the oceans, like large body collision into the ocean.
- 2.) War caused by alien life with advanced weapons.
- 3.) Mars is an old planet and resources could have been depleted long ago. In this scenario, without continuous supply of atmosphere from the sea, loss of tectonic activity, and loss of a magnetic field, the loss of protecting atmosphere allows the slow evaporation of water into space. The water there presently is being protected by the cold temperatures as "stored" ice, but still evaporating at a slower rate. So at the equator there is not so much water, but at the polar caps more. Mars is dry since the atmosphere is limited in O₂.

Evolution

Whenever we talk about life, the concept of evolution is at the back of our minds. I agree with the concept that galaxies go through cycles and in that process evolve from the lighter elements like hydrogen to the heavier elements like gold. And also after three generations we see complex carbon molecules and other natural, but lifeless compounds. There is nothing in the theory of evolution to explain how the random activity of elementary and molecular structures come together to form the most simple cell structure or virus. So the theory as presented has no support at the birth or beginning of life. What explanation is there for inanimate matter to cross over to create a "machine" such as a virus or cell which is very complex and has a DNA with billions of combinations? There is none.

Since our DNA has over 3 billion combinations of sub base pairs, it is my contention that there is not enough evolutionary time to create such combinations. Solar systems, tectonic machines of the planets, and galaxies do not have the time to allow these variations to evolve from scratch.

Hence the evolutionary time required for variety is diminished within the time allowed by a planetary tectonic machine.

It is true that within current science those genetic codes are viewed as programs. Monsanto patents the DNA of various seeds for commercial sale. Hence the concept of a program requires a “designer”. The genetic code has been referred by other scientists also as a program where various genes can be suppressed in a person and thus their effects are eliminated from that person. Not to discount the theory of evolution, I would say that in the DNA of the simplest cell there exists a “subprogram” for evolution yet to be discovered. After a “designer”, this would allow enough time for a tectonic machine to allow a genetic program with an evolution subprogram and with billions of combinations already in place, to evolve.

It may be that virus and other cellular life forms traveling on comets and other extraterrestrial objects may act as a source of life for planets beginning a tectonic machine.

Evolution, God, and Alien Life

God is the first cause from which all of life and creation comes. We can think of all life as alien, alien here means another order of being and a part of gods many creations and apart from God. So the objective alien in outer space includes us. We are no more the center than we thought the earth was the center of the universe, or that we are the only ones in it.

I don't think aliens in outer space are descended from Adam. I think each creation has its own separate relationship with god or covenant, and then there is that understanding of God universally. I also believe that the truth isn't any alien or human truth, meaning that an alien truth does not supersede our truth; none has a corner on that. In the end, all you have is faith. So for all the questions, the theory of faith is self reliance and love, that the greatest part of it requires absolutely no support in anything really. You stand there with nothing but your own merit and capacity, and yet you believe. Faith is the belief in things unseen, but the universe and our existence prompts us to ask the question about God. As Saint Paul said, there is no excuse for not knowing God because of works in creation. That is because, in my opinion, your conscience has a piece of god that knows the works, but it can be suppressed. To say it another way, there is no excuse for not thinking of the idea of god by reviewing the nature and creation or universe around us. So, the idea of God has crossed every person's mind, although rejected by some, it has crossed. That crossing is what St Paul refers to. The truth may be that in the crossing of our intuition, the greater reality may lie. This is what I refer to as intuitive logic. Many great discoveries have been lead by this path, for Einstein, and others. With regard to salvation, Saint Paul said, there are those that have heard the word of God but do not follow it, and those that never heard it, but by their correct actions of which they are unaware it is accounted to them for salvation. So again conscience and intuition is important. Christ's example and the forgiveness rendered is an act of God, not of men, and a message about faith and love. From that point our conscience and actions determine how effectively that forgiveness or offer of love will work in our lives. The presence of God in our lives or conscience is our salvation, the harmonic relationship of creation.

Evil exists with or without Adam, original sin, or even the history of humans. So it exists in the universe. Technology has nothing to do with the evolution of good which is a spiritual quality. The story of fallen angels tells us that. Original sin is original and specific to the human race, and metaphorically to all races or aliens, since abandoning or disowning God wears an aspect of wrath and judgment. So then the commandments, rather than being liberation as naturally intended to be, become a restriction or condemnation. Abandonment can be reviewed as Saul did before the battle; he consulted a witch or medium and so abandoned God. As abandonment of God wears an aspect of wrath and condemnation, God's forgiveness covers that abandonment and subsequent sin and condemnation; that forgiveness is exemplified in Christ, and God's unconditional love is a posture of being receptive to love, redemption, humility, and penance; or more exactly, reconciliation. An invitation to return to the harmony of God's will or an invitation to be reconciled with God is thus presented. There are also exceptions in the lives of many who have represented a good life despite the prevailing example of those around them, such as with Enoch, Mary, Elijah, and maybe even Moses, who were caught up to heaven to be with God.

God is not bound by our interpretations or theories whether they are scientific or otherwise. Semantics is very limited, and limits our understanding of truth and life in general. The bottom line is this; you only get near to God as good gets. So to be good is the harmonic state of the evolved spirit and natural evolvement towards God. Physical evolution and the natural world are a temporary house and experience for the spirit in various states of its spiritual evolution. The high spiritual state of being near to God is an immediate possibility for all for the taking as an epiphany. The truth of God is beyond alien evolution, physics, theories, perceived limitations, hierarchies, and all the books in the world. The greatness that is in life and the goodness that is near to God are no closer than your own heart and can be a creative inspiration, analogous to a creative God. Love, the good that comes from God to all from which we can participate is the exception to all perceived limitations since the realm of the spirit is inspiration, creativity, love, freedom, and imagination. Evil or that which is measured and limited can be expounded in theories and philosophy via the many limitations of semantics. Evil is perfect for the limited nature of human semantics and so limits our understanding of God. Our language and its use tell us more about our humanity than the truth that is. And hence for centuries we struggle with primitive notions and philosophical methodologies such as duality that are more an extension of our humanity than a truth that requires multiple concepts. But God is that which is free will, positive, unmeasured, unconditional love, and preserves good. God's reasoning is multiplicity as the universe is diverse. All good things come from God, and the choice of harmony to that energy are those things from which we can participate such as love, creativity, multiplicity, and other truths by which we understand God about wisdom. Wisdom knows how to live, and that knowledge pervades the universe, and as such by our conscience and intuition, there is no excuse to deny.

Being different does not mean better or even more blessed. It's like when we thought the earth was the center of the galaxy, and we weren't. Then we thought we were the only life in the universe, and we aren't; so on and so forth. God is diversity, and creates all life and that which

exists. The ultimate creator (God), the first cause, is not an alien. But the creations under him, all of us are all aliens, and may have some role in creation.

Emergence & Evolution

Idealized semantics with no strong rational foundation for an “emergent” concept for life devalues the theory of evolution; the idea of evolution ignores the beginning of life and presents a theory that is not comprehensive and lacking scientific explanation. So in the hope of a grand idea, the most important part, the emergence of life from inanimate matter is ignored. And the truth about the “emergence” of life is the foundation and will determine whether natural selection is natural or artificial. My hypothesis is that all life is engineered unlike the natural progress of intimate matter and planetary machines. The proposed concept of a primordial soup is a high generalization as an unscientific model.

The genetic code is a program, as so it is referred to by Monsanto. Therefore the genome cannot happen by natural random action; the natural action of inanimate objects. And if I can prove that, then there are forces unnatural at work in the universe and philosophically that will lead you to the notion of a God.

Unnatural forces in the Universe you say? That's impossible you say! Anything that exists is natural you say!

It's not, and I'll tell you why. The genetic code only determines a general direction of development, it doesn't even determine everything, and development may change, depending on the, environmental conditions, but this is not the beginning of life! Since a program is in place, anything is possible. A program can incorporate an allowance for change, adjustment, or as Darwin puts it, natural selection and evolution. But the selection is artificial and programmed, it is transcendental. The galaxy and atoms are created by random action but there is nothing in evolutionary theory to explain how that becomes the simplest life form.

They are created by change you say, but not by random action!

Life is not natural like the formation of the planets or the atoms and elements so, if you can see that, then your physics and understanding of the universe becomes both scientific and spiritual.

He needs life to be unnatural you say, so that he doesn't need to let go of his God.

I say you need to prove that the universe exists and of for itself, and I suggest jokingly that the universe exists for itself just like any animal in the kingdom of animals, ridiculous! Dependency is natural, and since the truths of the Universe are an analogy of God and relationship to God, we (the Universe) are dependent on God and life is dependent on God.

How is life transcendental and unnatural? The logic states that life does not happen by random events. Life makes everything possible, evolution possible. Because there is not process for

random matter to form a genetic code, and there is not enough evolutionary time to compose a sequence with 3 billion variations in the DNA base pairs of the Human Genome. There are no simple processes of inanimate objects that result in emergent behavior to be called the birth of life or life. Emergence explains how simple rules can lead to more complex interactions; this is not perceived in inanimate objects that lead to life. Once we have the program, then it's easier to view; so emergent behavior is a contradiction in this area. It's awfully useful for explaining these things after life has started. Evolutionary time on the earth will not allow a 3 billion variation in a Genetic Code to evolve. This is not addressed in text books.

You would like to see the math behind that statement?

It is perfectly possible and to say Darwin is the best explanation we have, is like saying myth is the best explanation going for the human race for centuries. The haploid human genome occupies a total of just over 3 billion DNA base pairs, so how does the earth man evolve with a magnitude in years of less numbers? And in his theory Darwin omits the beginning of life in the detail required for concrete argument; which then suggests evolution is a program. And a program means a programmer.

It is true that mathematics explain our physical world. Yet, I am not convinced that it will prove anything with regard to evolution because it is unnatural, like the big bang, math will not explain that occurrence from pre-creation time. The step from pre-creation to creation is the realm of the divine and transcendental; and so that too for pre-life to life. The analogy here is what God has allowed, his transcendence in creation. No one has proven in details which conditions existed on the earth before life arose just like none will prove what conditions were before the universe came into existence. Dependence is an analogy that describes our dependence on God. Of and for itself can the universe be is a contradiction to the rule of Dependence. This then infers the Dependency of Creation, which leads us to an activity "a priori" to the mechanisms within the Universe such as Emergence. Here we see the difference in a priori and a posteriori arguments.

Emergent behavior is present in mathematics and is represented by mathematics, the natural processes of the universe, and the rational mind; generally emergence is a construct of the Universe. However, transcendental activities include life, the creation of the Universe, God, the creation of life, love, the spirit, intuition, and those processes that access this Universe from alternate realms. So the anomaly of existence in the Universe is those processes that transcend such as life which also includes free will. Surely math will be unable to explain both the beginning of life and pre-creation as well as other transcendent processes, except perhaps by intuition which has access to transcendental existence.

Unanswered questions are:

- There is RNA or DNA templates, but where did the RNA or DNA bases come from?
- How do RNA and DNA associations evolve to the ribose moieties and phosphates to form nucleotides?
- How did the genetic base pairing rule come to be such as A-T, A-U, and G-C?
- To catalyze the reactions how did enzymes form?
- Where did the L-amino acids come from and why limited to L and not D?
- If life started from DNA material on a meteorite from outer space, where and how did that evolve?
- Imidazole binds to the nucleotides to make them more reactive, where does it come from?

Math explains the structure of the universe, but it does not explain life which is transcendental, just as it cannot explain our relation to God or Creator, the divine transcendental to this existence. But by our transcendental nature and analogies derived through intuition and logic, we can perceive truth. The understanding of the larger spiritual realm is by analogy. But I think scientists are skipping many steps here, not starting at the real beginning of things. Let's hear how math can predict the beginning of the universe or the earth and atmosphere and the evolution of natural things as this paper proposes for the atmosphere and apparent contradiction to evolution. Then you will realize there is not enough time for the evolution of RNA strands.

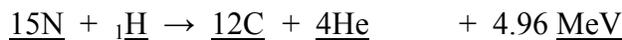
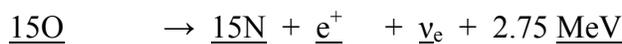
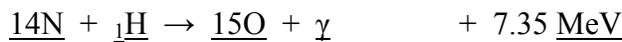
Chemical compounds form according to the laws of physics, and genetic codes simply cannot form outside of living organisms without violating laws of physics. The mechanisms within this world do not exhibit rules of emergence that explain the beginnings of life. The debate about evolution is really a debate about transcendent and emergent realities. The tectonic machine is an emergent reality, similar to the periodic table and other natural physical processes. Emergent realities are very ordered and do not follow processes that allow the type of latitude of biological coding systems. Emergence is a rule of the natural processes of the Universe and includes rational constructs that are used to describe it such as the sciences. Life is a rule of Transcendence and includes pre-creation activities, derived by intuition, the spirit, the divine, and the requirement for a Dependency on Creation. Non-emergent processes expressing themselves in a Universe of Emergent processes are Transcendental. The mechanisms and definitions of reality and truth go beyond the present and contained experiences; these we call Transcendental and are derived by intuitive processes and intuitive mathematical models. These truths are also referred to by analogy from this Emergent universe to the Transcendental Universe.

The universe was involved in two Big Bangs. The first was the creation of the physical universe. After its creation, all natural processes are emergent, but not the creation of the universe itself, which has a transcendent source. This universe, being a particular qualification of infinity, becomes emergent within by that particular qualification. The second transcendent act was the

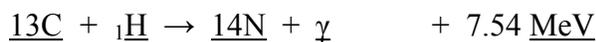
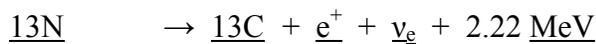
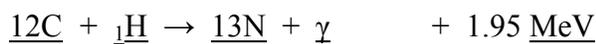
creation of life; the second Big Bang. And from that creation, we can see emergent characteristics of life's interaction and transformation within this world.

Nucleosynthesis and Planetary Ocean and Atmosphere Evolution

Continuing from the discussion about the concept of evolution, we need to introduce a model that explains planetary ocean evolution by the life of a tectonic machine and planetary core. The formation of the earth's ocean or water supply comes before the formation of the oxygen and nitrogen atmosphere. **Phase I** of the tectonic machine delivers the ocean and **Phase II** of the tectonic machine delivers the oxygen and nitrogen atmosphere. All elements in the universe are produced primarily by fusion reactions from lighter to heavier elements. This process by creating heavier elements by nuclear fusion reactions and high temperatures is called nucleosynthesis. Early in the Earth's evolution, when the planet and core were much higher temperatures, the vast amount of oxygen needed to produce water came from nucleosynthesis. During this early period of earth's history, the vast amounts of water that formed the oceans were produced along with nitrogen and carbon dioxide. Oxygen and Nitrogen was produced by nuclear endothermic reaction (Carbon-Nitrogen-Oxygen cycle) as follows:



The oxygen produced combined with hydrogen to produce water (H₂O). After the ocean was created, a less amount of heat energy was required to produce an oxygen and nitrogen atmosphere by fusion reaction interacting with the new ocean or water supply. The oxygen produced earlier by fusion, and stored in the ocean water, was now available for future reactions to produce oxygen and nitrogen by a smaller step process that was mentioned before as follows:

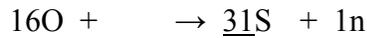


This model shows how a planetary machine via its tectonic evolutionary process both creates oxygen, stores it in the ocean water and from these two, and reuses the oxygen as a stored supply to re-inflate the atmosphere that supports life. Water and Oxygen have in the future evolutionary cycle, a symbiotic relationship.

Salt:

Large amounts of sulfur are found in molten areas such as lava flows. Liquid sulfur is like water. Sulfur occurs widely in nature as H₂S (hydrogen sulfide) and SO₂ (sulfur dioxide). There are various chemical reactions that can be classified as Acid + Base > Salt + Water. These produce

salts and water. Many chemical interactions involving H₂S and an acid produce water and salt. In addition to the chemical interactions involving complex molecules and large amounts of heat, there are the more fundamental nucleosynthesis of fusion reactions producing elements that are available for more complex molecular formation to take place. These reactions include the Carbon-Nitrogen-Oxygen cycle mentioned before, and other reactions to include the following:



About 90% of the universe is hydrogen and helium, and a vast number of elements are created from these by nucleosynthesis such as carbon, oxygen, nitrogen, silicon, chlorine and others. In the alpha process Helium nuclei ⁴He are captured either by 1 or more (multiples of 4) with other nuclei and form Chlorine. So by this example you could get ³²S + ⁴He > ³⁶Cl. Other adjustments are possible. So nucleosynthesis allows for a vast array of possibilities for an evolving planet that has a tectonic machine or fusion reactor.

Global Warming:

The ice caps are frozen water, which we can also refer to as oxygen stored in ice for future use. However, when this supply is melted, it allows for increased vapor pressure and loss of the atmosphere into outer space. The original tectonic machine and its sustained creation of our atmosphere do not include the artificial gassing of the planet which is adding enormous amounts of additional gas to the atmosphere. Hence the natural processes of the tectonic machine and its relationship to the atmosphere have been altered. As the ice caps cease to exist, there will be a larger quantity of water to displace around the globe with each pass of the moons gravitation. This shift in mass is bound of the ocean water in relationship to the moon is bound to affect a shift in the axis of spin of the planet earth. A shift of a few degrees is enough to alter climates across the globe drastically, and even the destruction of plant life to a large degree affecting the world food supply. In the most serious scenario, 1/3rd of the food production could be affected. In addition, the use of nuclear arms on our oceans is also a blatant destruction of the planetary supply of stored oxygen in the water.

Magnetic Field:

The Tectonic Machine produces the atmosphere in the **Phase II** of development mentioned earlier. The magnetic field and gravity assist in creating a balanced atmosphere. A magnetic field prevents erosion of the atmosphere due to solar wind. The erosion of the atmosphere would enable larger shifts in planetary temperature and unstable climatic conditions. Without a magnetic field, the atmosphere would lose one of its components for stability, and would slowly drift into space. The erosion of the oxygen of the planet would create an imbalance with the previous symbiotic relationship with the ocean, and eventually lead to the evaporation and erosion of the ocean with vast changes in the vapor pressure.

The atmosphere is made possible by the tectonic core, assisted by gravity, the magnetic field, and a favorable distance from the sun. The magnetic field assisted by gravity and a favorable distance from the sun, stabilizes temperature, the layer transitions in the atmosphere, pressure gradient,

and synergy developed with the tectonic machine that continually pumps the atmosphere, translating ocean water into atmospheric gasses.

Conclusion:

- 1.) My intent is to project a model of the earth and suggest certain bio/mechanical rules for ecosystem development that could possibly play out in other worlds simply by the possibilities and limitations of natural physics. The possibilities and limitations of natural physics, in my opinion, are rules for evaluation of other worlds and to project possible life models and expectations there. I do not believe they vary that much in our solar system or universally. I believe the balancing effects of natural physics and bio/mechanical processes are quite limiting with respect to the formation and allowances of living systems.
- 2.) Natural physics and natural "machines" or models come before and are precursors to life.
- 3.) Water on Mars indicates the presence of a tectonic machine present on Mars once. Tectonic activity and water in abundance as in an ocean, produces oxygen. In the past water on Mars interacted with the hot temperatures at the core's reaction to produce oxygen and other gases, which I claim is happening on the earth today. So respect the water, the real oxygen supply. Since there is trace O₂ in the atmosphere and water on the surface on Mars, we can assume tectonic activity happened on Mars once. Since water and oxygen are symbiotic, detecting oxygen in the atmosphere is enough to predict water on the surface. Now is there life on Mars? Well, yes. Because if there was a tectonic oxygen atmosphere producing machine on Mars, there is a great probability that there must have been alien life there once since it was capable of supporting life, whether indigenous or alien. Is there life there now? Almost certainly I would say so because some life may have survived still from the past, even if it is microbial. I like the following phrase... if there is water, then there are plants, and if there are plants then there are bugs, and if there are bugs, then there are people. So perhaps there are buried cities on Mars or maybe even a library.
- 4.) The evolution of the Planet Ocean and Planet Atmosphere is a result of different phases of nucleosynthesis and chemical reaction with already existing environment. The elements (hydrogen and oxygen) by which water came to be came by fusion reaction, and that is how all the water came to be. Our understanding of the Carbon-Nitrogen-Oxygen Cycle in a fusion reaction does provide the elements for water. Remember however that such great heat also will allow other endothermic reactions, and one of those produces salt. Most of the elements in the Universe come about from fusion reactions, even water, and there is plenty of ice floating around in our solar system that has been produced long ago in this manner. Just in the manner large amounts of water was produced by nuclear endothermic reaction, oxygen is being produced today. The idea that plants maintain the balance is much too fragile. And the net effect between plant daily and night breathing is zero, since they are not using photosynthesis half the time. Water came in vast amounts by fusion reaction of the carbon-nitrogen-oxygen cycle. And then again oxygen for the atmosphere from the same cycle. There is no other way to produce such great amounts. Nature does it better. Salt is also a byproduct of the fusion reaction.

- 5.) I agree with the possibility that the creator can use evolution, but I go on to believe the creator creates, and can use intelligent designers. What interests me the most is that theories explain everything, even though not yet tested? I appreciate a logical and complete description or discourse. Unanswered questions about the beginning of life are important to evolution because of the following:
- If evolution cannot be responsible for the beginning of life, then it exists as a compliment with other theories such as intelligent design and creationism. So, let's not discount any ideas. Further, I charge Darwin with being incomplete while using the term "natural" and not defining an explanation for evolution in the "natural" way for the beginning of life. Since if that is not natural, than "natural selection is not natural", but rather artificial, and anything is possible.
 - The idea that the genetic code is a “program” makes the use of the term "natural selection" inappropriate. Rather say "programmed evolution" in the revision of evolution terminology, which is not "natural" by way of random events. Plants are artificial programs in my opinion and do not represent natural machines; although their capacity to function is limited by natural forces.
- 6.) The Planetary Atmosphere Tectonic Machine Theory is presented in the manner of natural geological processes as the cause for the atmosphere that excludes life, as a nuclear process. Current theory on the evolution of the atmosphere relies on life as a support. This one does not. Also, the concept of a tectonic machine also “predicts” the water oxygen symbiosis and tectonic activity (ocean) on other planets. Hence you can predict water, past or current ocean/water tectonic activity, and possibly life from the get go by observing oxygen in the atmosphere alone.
- 7.) God is presented and may be a stumbling block for some scientists, but since it becomes such a strong metaphysical point and philosophical point, and to me also the tectonic machine also relates to the theory of evolution, I bring it up. In my opinion, science leads us to God, and ultimately that is what the discussion is about.

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