

# A SUITABLE ROTATIONAL INCLINATION AND NEIGHBORING PLANETS

The characteristics and behavior of the planet axis of rotation must also be considered. **If the inclination provided to the perpendicular considered to ecliptic, is practically nil, Ecuador planet always receives the maximum radiation reaching much higher than the rest of the planet temperature .**On the other hand, if the rotation axis is tilted too much, the difference in weather conditions between different seasons would be too extreme, which would have the same effect as an orbit too eccentric. But not only the inclination of the planet in a given time is important, but also the evolution of this over time. For example, the axis of rotation of the Earth is between  $21.5^{\circ}$  and  $24.5^{\circ}$  with a period of 41,000 years. Again we find that if this variation is too high planetary conditions will not be sufficiently stable to that complex organisms can thrive. (Source: hadrons and leptons .) **This condition can also occur naturally;** Mars p. ie. has a similar inclination to Earth with respect to the sun, but its orbit is much more elliptical than Earth and its satellites are much smaller than the earth.

## **Great neighboring planets**

**It is advisable that planets exist neighbors of sufficient mass to help protect the planet** of large meteorites that could destroy early ( as does Jupiter in our case ), or directly sterilize all forms of life that might have developed; yet the Earth has received large meteorite impacts in the past that have not yet slowed the development and evolution of the tenacious life, so that **might not be a sine-qua-non condition the origin of life may occur** . Conclusion **You see the variables that have influenced and influence the existence of life on earth are quite limiting, looks like a cluster of coincidences ( Rare Earth hypothesis ) ;** need a planet with an iron composition, rocks, water and other suitable radioactive compounds that ensure sufficient molten core million years, tempered by a sun and adequate distance from the center of the galaxy where the radiation is relatively low among other factors ... regrettably, I think it **would not be surprising that of all the Big-Bang / Big Crunch that may have had in the life of the universe only on a few occasions have been given the necessary conditions for the development of life, and it is likely that life has not had time to evolve into intelligent beings in most cases.**

Therefore, **Life requires some stability and conditions for its emergence and development; Today more than ever, we must take care of our planet, because it is not ours, but we have been given by our ancestors.**

There are many conditions such as air, water and elements that can be summarized in one, call it **atmosphere "Vital" with components and circumstances similar to Earth's early atmosphere, special atmosphere in which life could have originated.**

Even if we ask? **What is life** and we analyze in depth we can conclude that life is random, is chemically and physically interacting with their environment according to natural laws, managing the energy available; Life is nothing but an artistic representation of nature, accident produced in an environment and suitable conditions; **organic machines created by randomly whose ultimate goal is survival and reproduction**, competing with other living beings by the available energy.

Therefore **intelligent life is just a coincidence of increased product complexity of living organisms and their relationships** in a constant evolution by adaptation to a harsh environment of competition for energy; intelligent life is expected to finish developed around Earth-like system.

**Possibly with the advancement of computer can be simulated correctly in a super computer the conditions in the laboratory for the development of life** and even define the beings that could evolve of these conditions and process variables.

Some scientists argue that if the dinosaurs had not been extinguished, it is possible that over time a dinosaur, for casual evolution, to become intelligent, taking our place. To what extent the mass extinctions that have occurred on Earth have accelerated or slowed the process is unknown to what can only theorize.

**I look forward and excitement all the advances that field occur in the next few years if a war for resources not destroy us before.** However, while our species managed to not adapt to a human apocalypse, **life always finds its way limits bordering on the impossible, with extremophile organisms living in extreme conditions in many parts of the world ;** fully evolved and adapted to their environment beings **evolution has made life make its way to colonize almost every corner of the planet.**



Neofronteras

Possibility of extraterrestrial contact Human beings, in their infinite curiosity and quest for truth, scanning the skies for signs of remote galaxies and planets similar to ours that might harbor life.

Well-eyed giant tellers as telescopes tech able to see places light years, as space telescopes like the Hubble or observatories capable of scrutinizing all radio signals or other received in search of **any traces of life of a planet that had launched into space its waves as we do now, or signs (high oxygen and water for example) in the presence of life .**



Furthermore, although the chances of another planet with life are not so small, and have given the conditions that exist, **the chances of intelligent life are even smaller.** In our case, **it is very possible that if there had been a mass extinction 65 million years ago, suitable for the development of intelligent life circumstances do not occur ;** the complexity of living beings have increased, but stagnating in specialized niches of organisms living in established ecosystem (such as shark, millions of years ago has not significantly changed).

**The evolution of humans** was caused by a series of coincidences and situations that led him to adapt quickly (or extinct) occurring leaps in evolution in a geologically very short term, and led him away, by inertia, to increase their intelligence: **Our specialization** , unlike most animals (except maybe ants, bees, etc with limited social level), **is based in society; collaboration and family** ; almost five billion years were necessary for it to appear on Earth a being who had self-awareness and the surrounding environment; at that time they could have gone wrong many things and realize that we extinguished without getting to where we are now. In any case, even intelligent life is found, the distance would be such that only a futuristic spacecraft ion propulsion could reach it after thousands of years with current technology, to possibly find that **and just left dust, traces of life that existed and which we received signals through space in that place ...**

Realistically, if there are more planets no longer with life, but living in the universe, their existence is so unlikely to exist by the time he got to reach the human being, his living period would be over.

Source: <http://crecimiento-sostenible.blogspot.in/2015/01/can-there-be-life-on-other-planets.html>