

## Research Based on the Trace of Natural Science

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**Abstract:** The actual earth medium is very complex, far from the ideal model that people use today, because its properties and structural variations are non-uniform, nonlinear and anisotropic. In the study of the Earth's crust and mantle media, the differences in structure and properties, and oil and gas exploration, it is found that both regional tectonic, lithofacies and structural features (such as cracks, fracture zones, trenches, mountains and some irregular geometry) are very complicated. In recent years, based on the deepening of research on mountains, basins, mineralization, diagenesis and disaster, the research of natural science has received extensive attention. The results of seismic wave propagation theory and physical properties of media and structures show that seismic anisotropy is mainly caused by the lattice dominant orientation of rock, mineral and crystal, the anomalous variation of stress field and the structural crack and deep material migration.

### 1. Introduction

This article will enable human beings to re-recognize the earth while uncovering the fog that has enveloped us for thousands of years. The expansion of the core and the movement of the plate form mountains and rivers, the birth and destruction of the creature and the influence of various factors, producing minerals and elements, leading to the formation of the earth.

In the long history of mankind, earthquakes or volcanic eruptions have always been the natural enemies that are difficult for us to overcome. From Wagner's "Continental Drift" to "Submarine Expansion" and "Mantle Convection", humans have not made any progress in the mechanism of earthquakes so far. Science is a gradual process, no one can be born with the ability to exploit all the secrets in the universe. It should be said that neither "submarine expansion" nor "mantle convection" can explain many of the key problems on the earth. "Submarine Expansion" or "Mantle Convection" must place the mantle in high-temperature lava liquid state, in fact, today's scientific theory is completely misunderstood about the idea of the interior of the earth. The following is a brief overview of the mystery of the natural sciences.

### 2. Overview of the deformation of the earth in the liquid form without being subjected to gravity

Not only do we misunderstand the structure of the earth, we also have many problems about the origin of the solar system. In particular, the origin of "stars and planets" is poorly explained. It is known to us, gravitation is a weak force. It can only show its power in a large-scale celestial body, but the gravitational force between the "asteroids" is insignificant, especially the gravitational forces between the "dust particles" are almost ineffective. It should be said that the "initial" of all objects in the universe start out as comets in extremely cold, dark environments. The formation of the earth's core is closely related to the birth of the sun. The earth began as a frozen, hard object that is unable to "self-shrink." Under the contraction of the concentric circle, the temperature at the center of the earth rises sharply and melts the surrounding material. The core of the earth is growing. Because the earth's original material contains a large number of solid water and all kinds of gas materials. This moisture, acting at high temperatures, forms a gas that is forced outward by a great pressure, creating conditions for the formation of "magma pipeline". High temperatures and pressures force water from the mantle to migrate outwards. So in the early days of the earth most of the water in the oceans and the atmosphere came from the earth's interior. And the water in the early

stage of the earth is far more than the total amount of water in the oceans today. Before the magma pipes burst out of the ground, the entire mantle was filled with high-temperature and high-pressure gases due to the high-temperature effect. These vapors, which are dominated by water vapor, rush out of the earth's surface before magma pipes, causing atmospheric pressure to rise again. During the process of flowing the magma to the outside, due to the melting of the surrounding material, the concentric circle shrinks under the huge pressure of the mantle, which leads to the increase and thickening of the wall density, and finally forms a hard and stable "pressure and pressure resistance". "Natural large pipes, so the earth will not be affected by gravity.

### **3. The cause of the "great energy" generated by the geocentric**

The energy of the geocentric is obtained by the gravitational field causing the contraction of concentric circles, forcing the centroid of the earth to contract and causing the outer electron orbit to transition to the inner layer. It can also be inferred that the larger the atomic mass is generated. The greater the energy, of course, the greater the pressure required. Such conditions, in addition to the inside of the celestial body, are the energy that we see every day when the asteroid or comet collides with the Earth. The reason, at the same time, can be inferred that the temperature in the center of the fastest contraction of the Earth's contraction may exceed 100,000 degrees. So the origin of life comes from the earth itself, and it is not related to foreign objects.

### **4. Explore the origin of life**

According to the data of the Earth model, the earth is about 4.4 billion years after cooling, and the earth's annual water obtained from space reaches  $(153.68\text{km}^3)$  equivalent to the annual global rainfall  $(0.3729\text{mm})$ , just like a year floats. It was a little drizzle. But enough to sustain earth's shallow seas, meaning that the oceans are replenished from space while being consumed by the earth's crust. Not only was it an "asteroid or comet shower", but every clear night on earth there were spectacular and unusually dense meteor showers. But the crust's ability to absorb water is not constant. It slows down when the outer crust reaches "saturation", because the deeper the layers, the greater the pressure required. But the amount of water the earth absorbs from space is very stable, and the result is a steady rise in sea levels! Rising sea levels lead to increased water penetration. Relatively speaking, water absorption in the earth's crust effectively slows down the rise of sea level, creating conditions for the origin of species. Although it was at the time of the most frequent asteroid and comet impacts, it was also the "best time for the birth of life". The most important things for life, apart from liquid water and sunlight, are soil and rock.

### **5. The cause of the earthquake**

The broad meaning of earthquakes is that they themselves are caused by a complex set of factors, rather than the previously thought result of "plate collisions", where plate collisions or friction are just one of the causes of earthquakes. Now the period of large-scale crustal fracture has passed and will not repeat, small adjustment is not over and will not stop. There are many reasons which can lead to the earthquake, such as: "the rise and fall of the magma pipeline during heating or cooling", "the rise and fall of the magma chamber", "the centrifugal force generated during the rotation of the earth leads to the thrust of the crust to the equator", "the moon and the gravitational pull of the sun brings tidal force."

### **6. Reasons of life explosion and extinction**

The continuous decline in sea level has brought enormous opportunities to species, and when the sun once again penetrates the bottom of the sea, it is like awakening the giants who have slept for billions of years. Because at that time, whether it was an animal or a creature, the genes between them were extremely close, and the open breeding mode of the species caused a large number of

biota to erupt in a short time. This is the reason for the outbreak of life 450 million years ago. At the end of the ocean era, in the process of slow and continuous decline of the sea level, the land area also increased, and the terrain continued to rise. Because the curvature of the earth's crust was small, the exposed sea level was basically in the middle of the ancient large crust. Part. As the land slowly rises, its own load increases, and a vault is formed in the middle part of the crust. A huge low-pressure zone appears in the combination of the vault and the mantle. This low-pressure area forms over time. A large magma chamber, because the magma column cannot be extended in the high temperature magma chamber, the magma column must end at the bottom of the magma chamber. Which embed a serious and dangerous security hidden danger in the inner structure of the earth. When the central area of the crust become the plateau, the load of itself would also increase with this trend. Because of the excessive span, eventually the weight of itself is too heavy to be bolstered by the structural strength of the crust and there will be a Catastrophic break in the Middle arch top position, which crushed down to the interior part of the earth like a broken bridge. And the pressure of Magma room would increase by the change of this situation, then the flowing-back phenomenon led by this processing will happen in the magma tube, which had broken the order in the core of the earth and led to the Heavy metal elements in the deep core of the earth swarmed to the surface of the core of the earth.

These heavy metal elements had been flushed to the surface of the earth by the great volcano activities. Although great volcano activities were not the main reason of the Great Extinction, whereas, it had enough ability to revise the climate on the earth. The reason that caused the destructive disaster is that during the rapid subsidence of the crustal fracture and collapse, “the depth of the ocean has been greatly adjusted in a very short period of time”, “the tsunami that is thousands of meters high sweeps the globe”, “a huge pressure difference gives life in the ocean Brought the disaster of extinction, and the flora and fauna on land almost disappeared in this huge emergency, which led to a new beginning of the lives on the earth. This crustal fracture caused the birth of the Mediterranean Sea and the Red Sea and the separation of the African continent. It was also the cause of the extinction of the end of the Ordovician period 440 million years ago.

## **7. The reason of the lack of the Hydrogen isotope**

Before the crust was broken, the earth once had a sea 700 kilometers deep. In the long ocean age, the sputum and oxygen atoms were combined into heavy water and deposited on the bottom of the ocean. After the rupture of the earth's crust, they first entered the earth. The ocean we have today is nothing more than a layer of light water that previously floated on the surface of the ocean. Moreover, most of the strontium elements in the ocean are still obtained from space in the later period, because in the later period of the ocean era, the content of strontium in the surface of the ocean is lower than it is now. Deuterium with a proton and a neutron is the true hydrogen element, while protium with a proton and a neutron missing is the isotope, but the ratio between the two is seriously out of balance, so protium has to be called hydrogen.

## **8. The cause of Moho**

In the process of seawater bubbling, the field mites have caused heavy gelatinization in many areas of the mantle and crust exchanges, which are converted into mud, but some are still in relatively active orogenic belts but still present small-scale magma chambers. It is the principle and cause of Moho.

## **9. The cause of oil and gas**

After the rupture of the earth's crust, the primitive species with extremely strong vitality entered the mantle along with the seawater, so there is a high probability that there will be a huge amount of primitive low-level life in the mantle, which can decompose substances like methane. Second, there should be some primitive residues in the mantle like methane. This kind of material is lighter than

water. Under the effect of gravity, it slowly floats up to the surface of the mantle and then penetrates into cracks in the crust. This is an important source of oil and natural gas.

## **10. The cause of magnetic fields**

The earth is a high-speed rotating celestial body, because of the huge difference between its internal and external parts, and the external solid matter being dragged by the tide of the sun during the rotation process, the speed of rotation is gradually slowed down. However, the core is made up of highly suspended liquid matter, which is relatively small in volume, the tidal attraction of the sun on the core is much smaller. Therefore, the rotation speed of the core and the outside is no longer synchronized, which is the cause of the speed difference between the inside and outside of the earth. This leads directly to friction between the core and the mantle, which creates magnetic fields.

## **11. Conclusion**

This chapter is a series of simple narration about the internal structure of the earth and the minerals produced by the origin of life, which lays a foundation for the exploration of the mystery of natural science. It is hoped that it will provide help for researchers who love to explore the earth's natural sciences.

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