

EXCLUSIVE HYPOTHESES OF NATURAL CATAclysms OF THE EARTH

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Steady growth of number of riddles of the mysterious Universe is a sign of imperfection of the existing theories and ideas of the world around that promotes creation of cardinaly new alternative ideas and theories. The new ideas have to be penetrative and are clear to everyone, to promote adequate perception of reality and to be most interconnected among themselves and with the existing scientific knowledge. In this case, the alternative ideas inevitably will become penetrative! Results of long-term theoretical researches of structure and evolution of the Universe are given in interrelation with climatic cataclysms and physical properties of Earth.

Our Universe is bounded and ordered [8]. We exist in a conventional galaxy called the Universe [6]. Our Earth is just a part of the Milky Way galaxy and it has all the cosmic cataclysms [1]. The earth is one of the harshest and "homeless" places in the universe, well, just plain hell! We are constantly worried about cataclysms, we are threatened by asteroids, UFOs, "glacial periods" and "ends of the world"!

1. Cyclic climate change of the earth as a consequence of the structure and evolution of the Universe. The hypothesis of the nature of solar cyclicity [13]

1.1. Solar cyclicity is due to the cyclicity of the oscillations of the internal energy pressure (temperature) of the solar system. The main cause of changes in the energy pressure of the solar system is its motion in our Galaxy.

1.2. **The hypothesis of the nature of long-term changes in terrestrial climate [12]** The main cause of long-term changes in the Earth's climate is the movement of the solar system through the "layered" energetic formations of our Galaxy and the entire Universe.

1.3. Hypothesis of gravitational polarization of objects of the Universe [4]

The solar system and its planets are internal gravitational dipoles of the Milky Way galaxy. The galaxies of our limited and ordered universe must be considered as gravitational dipoles, oriented mainly in the radial direction to its boundaries. Predominantly, the South Pole of the Milky Way galaxy is directed to the boundaries of the universe. The discrepancy between the poles of the planets of the solar system, including the Sun, is due to the gravitational polarization of the solar system.

1.4. Examples of gravitational polarization of objects of the Universe [10]

Examples confirming the hypothesis of gravitational polarization of the objects of the solar system and the entire universe:

- Axial rotation of Saturn Enceladus satellite (Fig. 1);
- orientation of the fragments of the comet Shoemaker-Levy-9 (Fig. 2);
- polarization of the cluster of galaxies (Fig. 3).

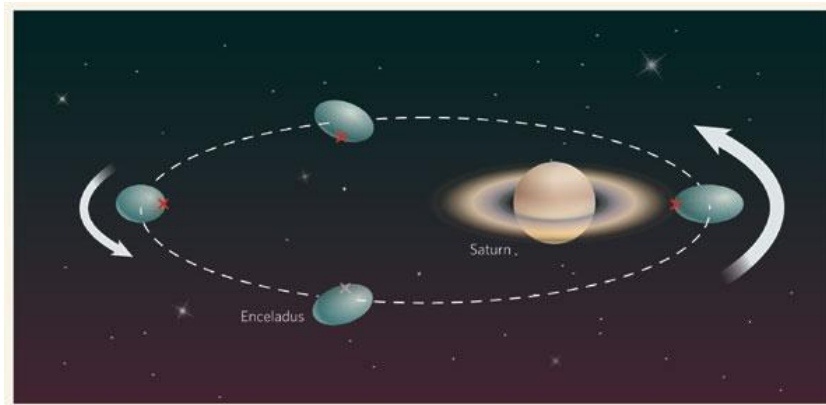


Fig. 1. Axial rotation of the Saturn Enceladus` satellite

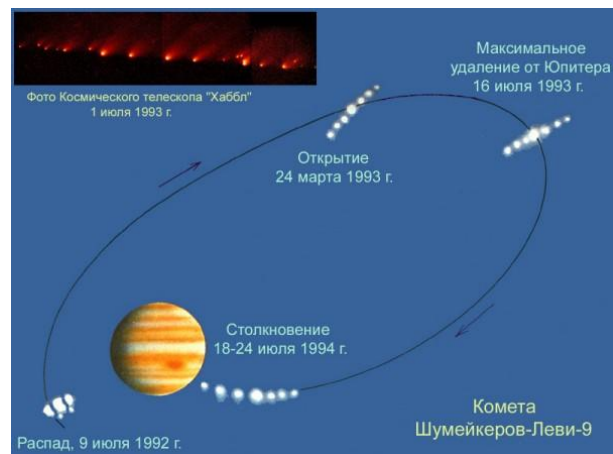


Fig. 2. The orientation of the fragments of Comet Shoemakerov-Levy-9

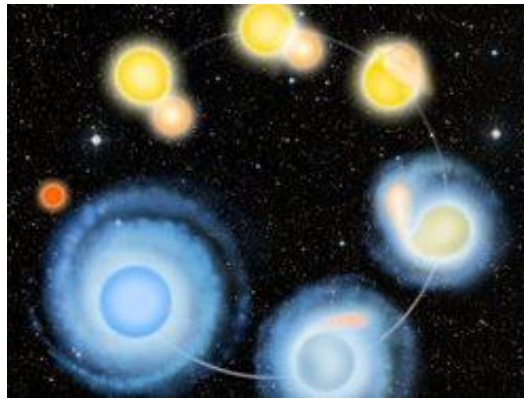


Fig. 3. Polarization of a cluster of galaxies

2. Secrets of the Universe are revealed here - on Earth

2.1. Hypothesis of occurrence of extraordinary events of a natural nature [11]

The main reason for the occurrence of extreme events on Earth is the difference in the speeds of movement of its shell and contents (bark and mantle). Moving epicenters of extreme events on the Earth's surface is the result (indicator) of the motion of gravitational formations in the outer layers of the mantle. Investigations of the structure and movements of the inner layers of the earth are the key to understanding, forecasting and countering extraordinary events.

2.2. The hypothesis of the origin of volcanoes and earthquakes [14]

The mantle (with its gravitational formations), due to its movement relative to the bark, "tears off the entrance plug" of the volcano mouth, which in turn, due to its forced movement, contributes to the occurrence of an earthquake, and also "opens" the way for the movement of the mantle outside (eruption).

2.2. The hypothesis of the emergence of killer waves [9]

Killer waves are the result of the origin and movement of gravitational formations in the upper layers of the mantle relative to the surface of the Earth.

2.3. Hypothesis of Earth noise generation [7]

The Earth's noise is a consequence of the motion of heterogeneous upper layers of the mantle relative to the inner surface of the Earth's crust. This hypothesis is a confirmation and addition of the hypothesis of the occurrence of extraordinary events of a natural nature.

2.4. Reason for polarity reversal of the Earth's magnetic field [2]

To date, there is no single and complete theory of magnetism and the nature of the appearance of objects in the universe. Most theories are based on "wandering and circular" currents or mystical magnetic particles, and without any logical explanation of where and how they appear. There is also no common opinion about the "carrier" and the motion of the magnetic field.

It is assumed that the Earth's magnetic field is a consequence of the difference in the speeds of rotation of the crust and mantle. Perhaps in this case there are damped periodic oscillations of the mantle rotation speed relative to the cortex (more or less), which causes a reversal of the Earth's magnetic field. Therefore, the disappearance of the Earth's magnetic field is inevitable.

2.5. The causes of the Earth's radiation belts [3]

Around the Earth there are two zones with increased radiation intensity: internal and external (the inner zone begins at an altitude of 500-600 km and extends to distances of the order of the Earth's radius (about 6000 km). The outer zone in the equatorial plane begins at a distance of about 20,000 km from the center Earth and extends to 60 000 km. The boundaries of the zones coincide with the corresponding lines of induction of the Earth's magnetic field. The inner zone is mainly composed of protons with high energy, and the outer zone - high-energy electrons.

The internal radiation belt of the Earth is caused by a magnetic field arising from the difference in the velocities of the crust and mantle movement (Fig. 4).

Hypothesis: the outer radiation belt of the Earth is caused by a magnetic field that arises from the difference in the rotation speeds of the core shell and its contents.

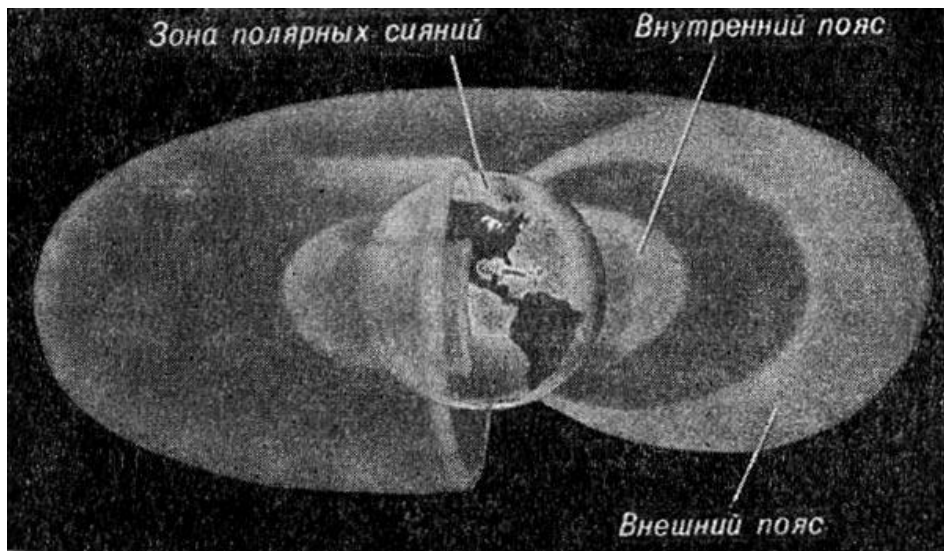


Fig 4. Earth's Radiation Belt

How the planet was "populated" [5]

Hypothesis 1: "Population" of the Earth began with the poles! The temperature at the surface of the Earth is determined by the total thermal effect of the Earth (internal) and the Sun (external), so the temperature is always higher at the equator than at the poles. During the evolution of the Earth, the temperature at the poles dropped to the optimum value for the origin of life, but remained too high at the equator. Subsequently, the poles are "cooled", the zone of optimum temperature is shifted closer to the equator, and hence the "life", which we have for today. The present warming is just a temporary phenomenon, which is determined by the energy state of the outer space of the solar system moving in the Milky Way galaxy, and that, in turn, to the outskirts of the universe.

Hypothesis 2: The global cooling on the Earth is inevitable!

2.7. The hypothesis of the cause of the onset of glacial periods on Earth [5]

The main cause of long-term changes in the Earth's climate is the movement of the solar system through the "layered" energetic formations of our galaxy and the entire universe.

Hypothesis: the main cause of the onset of glacial periods on Earth is the cyclicity of oscillations in the internal energy pressure of the solar system.

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