

## **EVOLUTION OF PRIMARY SUBSTANCE AND THE MOST IMPORTANT STAGES OF THE EARTH STRUCTURE**

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Study of granite of the Pamirs showed, that appearance of atom, chemical elements, atmosphere, hydrosphere and other planetary phenomena was related to magmatic rocks. It is proven axiomatically. Chemical elements and atom appear where magmatic rocks exist. If magmatic rocks are absent somewhere, chemical elements appear as products of their destruction.

A question arises: what was the primary substance before appearance of atom and chemical elements? In order to get answer to this question, we should observe the rocks of the Earth core. However such rocks are not exposed. There are numerous hypotheses about the core material: heavy metals, sulfide iron, heavy gas, vacuum, etc.

Such hypotheses were based on data on high density of core substance. There are no any rocks in the Earth, which are denser than magmatic rocks. In the Cosmic space such dense substance is identified in dwarfstars. They have density of millions gm/cm<sup>3</sup>. They are numerous and are presented by white, red etc. dwarfstars. Before geologic period the Earth was a dwarfstar.

The Earth life is divided into three stages. The first stage is the stage of elementary particles. During this stage the dwarfstar of high density was accumulated from the overcooled ionized gas-dust cloud.

The second stage begins with appearance of a melt in this dwarfstar and coincides by time with mantle formation. In the earliest period of its formation basic rocks were formed in the upper mantle. Lower mantle was still not recrystallized. Atom, chemical elements, atmosphere and hydrosphere appear simultaneously.

The third stage coincides with formation of the lithosphere and is divided into three periods: all Pre-Cambrian rocks were formed during the first period, the sedimentary cover was formed during the second period. Biosphere was formed. Fragmentation of the Earth crust (Pangea) and appearance of modern continental contours occur in Jurassic and Early Cretaceous.

The third period is manifested by appearance of HUMAN and origin of NOOSPHERE. With appearance of HUMAN the Universe gets MIND and the Earth gets the highest organ of MENTATION - BRAIN.