

Chemical Outlook on Materials Genesis

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Methane or marsh gas is one of the simplest, most symmetrical, and stable organic molecules. Methane's half-life is very long and is one of the most abundant organic compounds in nature. In this article, an attempt has been made to hypothesize the chemical creation of matter in nature as: "The origin of the creation and emergence of organic matter in nature is methane, and organic matter in nature is also converted to methane by degradation and decomposition." In this hypothesis, it is believed that not only the endpoint and destruction of organic matter but also the originating and constitutive point of organic matter lead to methane, on the other hand, methane in the material world is the primary and final. It has been tried to present causes and evidence, such as the persistence and abundance of methane, the decomposition, and the conversion of organic matter to methane in nature, the Miller experiment on the synthesis of organic matter and amino acids from methane, the Big Bang scenarios of the emergence of other elements from the carbon element and the abundance of carbon after hydrogen, helium, and oxygen on a mass basis, methane hypothesis of primary carbon source of creation organic matter in nature to carbon dioxide, to support this hypothesis.

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