LIFE PROBLEM ON ASTEROIDS FROM CARBON-RICH MATERIALS.

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Introduction: Life possibility is discussed mainly from organic carbon compounds and possible [1, 2], where main material-database has been used previous data of life on active water planet Earth 1, 2]. The purpose of the present paper is to elucidate carbon-bearing materials on meteorites from Asteroids.

Life formed on active Earth: Life is formed on active water planet Earth, because many scientists have been investigate on global Earth for long geological history based on solidified fossil data. Recent biological data are analyzed by many scientists for complicated organic compounds, where it is base on in-situ analyses of biological data of carbon-bearing compounds. Planet Earth consists of many minerals and rocks formed artificially, though we cannot form Earth system by human-kind. Life called in mini-Earth in this paper is also difficult to synthesize life materials and it activity. Mechanical robotic machines are formed artificially only for some activity of life [3, 4]. This indicates that Life is not simple materials to be formed, but complicated materials including three materials states similar to active water planet Earth

Meaning of carbon chemistry and possible fluids: Primordial celestial bodies of global waterless system are found by many Asteroids and Earth-type planets. Recent primordial interiors are composed of vapor elements and ions including plasma states supplied during the formation, where Earth-type complex carbon compound and water molecules are not existed because there are no global three material systems. This indicates that there are no Earth-type carbon chemistry and water molecules required for life activity.

Significant storages of life formation: From above discussion, Asteroids are significant celestial bodies with carbon-bearing materials and separated volatiles elements in waterless global systems locally and artificially, which might be changed to global water system by planetary activity on the solar system and other Universe. This global activity is beyond local human activity so far [3-5].

Summary: 1) Life formed on active water plane Earth is considered to be mini-Earth system. 2) Asteroids have separated carbon compounds and volatiles locally required for life . 3) Global system is triggered to be global system.

References: [1] Cresswell R., Miura Y.et al. 1994. Nuclear Intruments Methods in Physics Research Sec. B (Elsevier Science), 92, 505-509. [3] Miura Y. 2014. IMA (Johannesburg), 614, 689. [4] Miura Y. 2014. Amer. Chem. Soc. ,248th, 19675. [5] Miura Y. 2015. Submitted.