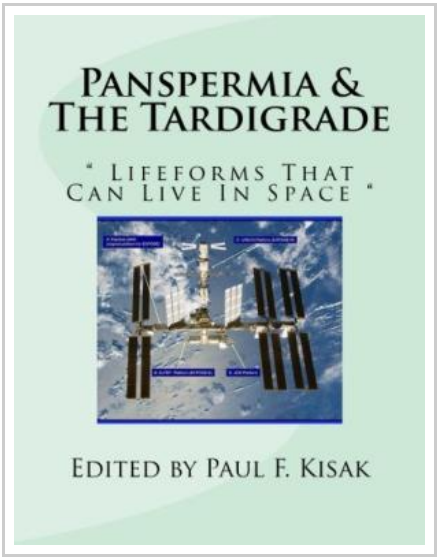

Panspermia the Tardigrade: Lifeforms That Can Live in Space

By Edited by Paul F Kisak

Createspace Independent Publishing Platform, United States, 2015. Paperback. Book Condition: New. 280 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.Panspermia is the hypothesis that life exists throughout the Universe, distributed by meteoroids, asteroids, comets, planetoids and, also, by spacecraft in the form of unintended contamination by microorganisms. Panspermia is a hypothesis proposing that microscopic life forms that can survive the effects of space, such as extremophiles, become trapped in debris that is ejected into space after collisions between planets and small Solar System bodies that harbor life. Some organisms may travel dormant for an extended amount of time before colliding randomly with other planets or intermingling with protoplanetary disks. If met with ideal conditions on a new planet s surfaces, the organisms become active and the process of evolution begins. Panspermia is not meant to address how life began, just the method that may cause its distribution in the Universe. Numerous bacteria and complex prebiotic molecules have been discovered on meteors, comets and interstellar space. Numerous complex organisms such as DNA and RNA organic compounds and pyrimidine which form the basis for terrestrial life have been proven viable under the conditions of space. Tardigrades...

Reviews

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