

OVERVIEW OF POTENTIAL TRACES OF EXTRATERRESTRIAL LIFE IN METEORITES

Summary

The origins of scientific evidence of panspermia hypothesis back to the late nineteenth century. In the 70s and 80s of the twentieth century the claim that the comets are the source of life in space has been put forward. Fall of meteorites like: Murchison, Orgueil and Nakhla directed attention of researchers

to Mars, as a planet potentially inhabited one time by microorganisms. Over the years studies of carbonaceous chondrites recorded many structures the morphology and size of which proved similar to those of Earth's bacteria. Despite this there is still no clear evidence for the existence of extraterrestrial life.