

Interactive comment on “Comets, carbonaceous meteorites, and the origin of the biosphere” by R. B. Hoover

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Hoover’s paper is of principle interest, because it reflects to a great extent the positions of those students whose data serve as a support to the conception of panspermia. Not all Hoover’s statements could be confirmed to date by strict facts, but publication of papers of such direction undoubtedly will stimulate the further astrobiological investigations. The publication of facts concerning meteorites is of special importance, because they are the very data that undergo by doubt most of all, though as it seems to me frequently absolutely unjustly. Rough developing investigations on microbiology and bacterial paleontology reveal opportunity to discover biomorphic structures in carbonaceous chondrites. I would like to especially underline that caution in evaluation of material is very important, but criticism always should be constructive and the development of astrobiology is connected with our effort to destroy forbidden fields of investigation formed for years.

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