ON THE PROBLEM OF BIOLOGICAL FORMS IN QUARTZ OF EARLY PRE-CAMBRIAN ROCKS (by example of Voronezh crystalline massif and Baltic baffle board)

A.V. Zhabin, I.P. Lebedev

Silica oxides - "mining water" according to a choice expression of M.V. Lomonosov, is a unique environment for preservation of the vital activity for biological forms in geologic past. Specific forms found with the use of electron microscopy analysis technique in a quartz of different rocks of early pre-Cambrian period for Voronezh crystalline massif and Baltic baffle board, indicate at the presence of morphological traces of the biological objects thus confirming the ideas on the precence and Active participation of biosphere in the formation of the most ancient sediments on Earth.