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E-mail: zanin@uiggm.nsc.ru  
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IX [Renault, Bertrand, 1895; Renault, 1900].  
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## MICROBIAL FORMS IN PHOSPHORITES – THE FIRST HUNDRED YEARS OF THE STUDY

**Yu.N. Zanin**

*Institute of Petroleum Geology, Siberian branch of RAS*

Bacteriomorphic formations, cocco-like and rod-like, and fungi, have been revealed for the first time in the admittedly phosphatic coprolites for the latest years of the XIX century [Renault, Bertrand, 1895; Renault, 1900]. It was shown later by L. Cayeux [1936], A.G. Vologdin [1945], A.G. Vologdin and K.B. Korde [1947], that the microbial forms are distributed in phosphorites very widely, practically everywhere. D. Soudry and I. Champetier [1983] supplemented the list of microbial forms in phosphorites with tubular ones: the capsules of the cyanobacterial threads. Almost at the same time glycolics was determined in bacteriomorphic phosphorites [Zanin et al., 1987]. Thus, in the middle eighties of the XX-th century all main microbial forms in phosphorites were established.

Key words: *phosphorites, bacteria, cyanobacteria, fungi.*

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 Bacillus permiensis.  
 [Renault, 1900]  
*Micrococcus*  
*Mucedites Anthracomyces.*  
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 [Hantzschel et al., 1968],  
 [Burnett, 1977],  
 [Bremner, 1980].  
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1983], *Micrococcus,*  
*Thiocystis Thiocapsa,*  
*Microcystis.*

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[Dahanayake, Krumbein, 1985] [., 1987, . 45], «

[Lucas, Prevot, 1981, 1984, 1985]. -

1985 [Zanin et al., 1985],

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