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IX . . . . [Renault, Bertrand, 1895; Renault, 1900].  
[Cayeux, 1936], A. . . . [1945], . . . [1947]  
[Soudry, Champetier, 1983]  
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## MICROBIAL FORMS IN PHOSPHORITES – THE FIRST HUNDRED YEARS OF THE STUDY

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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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 [Renault, Bertrand, 1895]  
 ([Hantzschel et al., 1968])  
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 Bacillus permiensis.  
 [Renault, 1900]  
*Micrococcus*  
*Mucedites Anthracomyces.*  
 90 %  
 [Hantzschel et al., 1968],  
 [Burnett, 1977],  
 [Bremner, 1980].  
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[Nadson, 1928], . [Moryta, 1980], , -

. [Raiswell, 1976], . , -

. [Chafetz, Folk, 1984], - , -

. [Neher, Rohrer, 1958], -

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[Riding, Awramik, 2000]. , « »

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- [Lamboy,

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- [Soudry et al., 1988, 1989]. .

- [Rao et al., 2000], -

- [Fikri et al., 1989]

1984 . -

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