

# THE BIOPOLYMER ORGANIZATION OF THE ORGANIC PLANT MICROFOSSILS

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## Abstract

This paper summarizes the up-to-date knowledges about the biopolymer organization of the plant cell wall, in particular of the sporopollenin type structures. Moreover, the newest results and research programs, which are under elaborat on, and the prospects are also presented and discussed herein. The major fields are as follows.

- a. Problems of the methods, results and prospects.
- b. The biopolymer organization of the recent sporomorphs.
- c. The biopolymer structure of the fossil sporomorphs.

As partical purposes, the opportunity of a new energy basis, and the problem of the explosion dangerous coal pulver may be emphasized. The quasi-crystalloid lattice discovered in the recent and fossil plant cell wall may explain several phenome- non, which were not inted sufficiently previously.