

## **Devonian Miospores Assemblage of Timano-Pechora Province**

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The researches of vertical and lateral distributions of Devonian miospores have shown that even within the boundaries of one region (Timan-Pechora Province) the stratigraphic range of separate species (including zonal species used in the Devonian zone circuit of East Europe) can be significantly different. A miospore complexes characterize Devonian cross sections in the Timano-Pechora province most completely and precisely. And just miospore complexes allow to achieve the greatest detailed elaboration at stratification of geological cross sections. So in Timan horizon (Early Frasnian) three palynocomplexes are allocated, which are precisely traced in various parts of region (despite of presence of some taxonomic distinctions and miospores quantitative compositions) and can be used for wide interregional correlation.

As a whole for Devonian deposits of the Timan-Pechora province twenty four palynocomplexes are established: one - in Early Devonian deposits, five - in Middle Devonian ones, ten - in Frasnian and eight - in Famennian Later Devonian deposits. The description of some miospore complexes has been added by researches of "spores in situ", that allowed to trace the correspondence of spores and floristic zones.

The analyze of a time and space evolution trend of a Devonian spores brings in new sufficient information in the discovery of early history of plants.