

Abstract:

Systematics of terrestrial plants (Embryophyta) has undergone a rapid development in recent years. Within the vascular plants (Tracheophyta), three large groups are distinguished today: Lycophyta, horsetails and ferns (Monilophyta), and finally, the seed plants together with progymnosperms (Lignophyta). All of these groups are known in the Bohemian Massif from the middle Devonian. During the Carboniferous and Permian, they undergo a rapid development. For any future systematic research of the Monilophyta, it is first and foremost desirable to include already published Paleozoic macroremains into a new systematic framework and to give them an exhaustive overview.

Keywords:

Monilophyta, Equisetopsida, Marattiopsida, Polypodiopsida, horsetails, ferns, Devonian, Carboniferous, Permian, palaeobotany, Bohemian Massif