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Abstracts



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RECENT RESULTS OF THE STUDY OF STEPHANIAN AND LOWER AUTUNIAN
FRESHWATER FAUNA FROM BOREHOLES OF BOHEMIAN LIMNIC BASINS

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The systematic collection and study has been started in 1982. Further minor collection of the fauna (mostly invertebrates) from older boreholes has been collected by paleobotanist Jaromír Šetlík. The fossil remains (lamellibranchs, ostracods, syncarid, arachnids, insects, sharks, acanthodians, palaeoniscoid fishes, haplolepid fish, branchiosaurs, shark egg capsule, coprolites, and spiral coprolites) originate from majority of main Bohemian limnic basins. The fauna has been found in most lithostratigraphic units (Stephanian B - Lower Autunian). The most frequent finds are represented by fish scales and by vertebrate remains on the whole. On the basis of fauna has been confirmed subsequent correlations: Ploužnice Horizon - lower horizons of Líně Formation, and horizon of black claystones of Syřenov Formation - Mšec Member.