FORAMINIFERA BIOSTRATIGRAPHY OF THE LOWER CRETACEOUS FLYSCH OF THE UKRAINIAN CARPATHIANS

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Three biostratigraphic units have been distinguished in the Lower Cretaceous flysch of the Ukrainian Carpathians. They are regarded as regional zones.

Verneulinoides neocomiensis zone (Upper Hauterivian-Barremian). This zone has been established in the upper part of the Rakhov section and the lower part of the Shipot and Spass sections. The index species is accompanied by *Hippocrepina depressa* VASICEK, *Reophax minutus* TAPPAN, *Trochammina vocontiana* MOULLADE, *Glomospirella multivoluta* (ROMANOVA), *Gaudryina oblonga* ZASPELOVA, and *Pseudobolivina variabilis* (VASICEK).

Haplophragmoides nonioninoides zone. It has been established in the lower part of the Shipot and Spass sections, which consist mainly of dark shales. *Reophax minutus* TAPPAN, *Trochammina vocontiana* MOULLADE, *Plectorecurvoides irregularis* GEROCH, *Gaudryina filiformis* BERTHELIN, and *Pseudobolivina variabilis* (VASICEK) accompany the index species.

Plectocurvoides alternans zones (Albian). This zone has been established in the upper part of the Shipot ans Spass sections, which are sandy. The base of the zone is defined by the first appearance of the index species. In the lower part, the index species occurs frequently together with *P. alternans*. In the upper part, *Hormosina crassa* GEROCH, *Recurvoides imperfectus* (HANZLIKOWA), *Haplophragmoides gigas minor* NAUSS and *Thalmanammina neocomiensis* GEROCH are abundant.

CORRELATION OF CALPIONELLID AND NANNOFOSSIL BIOZONES IN TITHONIAN-NEOCOMIAN DEPOSITS OF THE SOUTH CARPATHIANS

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The following caplionellid zones and subzones have been distinguished in Tithonian-Neocomian pelagic carbonate successions (Pop, 1990):

— Crassicollaria zone (Late Tithonian pp.), including the Remanei, Intermedia and Colomi subzones