

DATA TO THE BIOSTRATIGRAPHY AND PALEOECOLOGY OF
SOME MIDDLE EOCENE - MIDDLE OLIGOCENE UVIGERINAS
IN HUNGARY

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The coenological and paleoecological investigations Middle Eocene-Middle Oligocene *Uvigerina*-associations of Hungary demonstrated, how the sedimentary basins in the Transdanubian and North Central Mountains became deeper and deeper in the Mid-Tertiary. The Middle Eocene *Uvigerina multistriata* association /P 12 zone/ is of upper sublittoral character. The *Uvigerina eocaena* associations having appeared in P 13 zone are middle sublittoral. After that the depth of the basins became quickly lower sublittoral-upper bathyal /P 14 - P 16 zones/. The *Uvigerina* associations /with co-appearance of *U. eocaena*, *U. chirana*, *U. spinicostata*, *U. gallowayi*/ of the Upper Eocene Buda Marl /P 16-P 17 zones/ indicate a lower sublittoral environment. It is probable, that the *Uvigerina hantkeni* associations in the Kiscell Clay /the upper third of P 19/20 zone/ show the deepest biotope. There are two important datums in the vertical distributions of *Uvigerinas* in Hungary: *U. multistriata* acme in P 12 zone, and *U. hantkeni* acme in the upper third of P 19/20 zone.