

VERTEBRATA

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The author discusses the possibility of correlation between marine Invertebrate and non-marine Vertebrate faunistic assemblages in Hungary and adjacent territories. There are very few examples in our country with tertiary marine sediments and corresponding vertebrate single findings. From the beginning of the Pleistocene, - with the ceasing of the Paratethys and the disintegration of the Pannonian inner lakes, - the stratigraphical series of continental mammal faunal zones are not in direct correlation with the marine ones. In this Pleistocene series the Hungarian succession is unique in Europe. The author shows an example from this, where a Lower Pleistocene mammal unite can be correlated with the same one characterised by fresh-water mollusks in boring material of the Hungarian Great Plain.