

ON THE PROBLEMS CONCERNING THE
EOCENE/OLIGOCENE BOUNDARY

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Summary

The writer, after a review on the conceptual and methodological aspects, outlines the present situation as reflected internationally. He points out, that insufficient are the available studies for a designation of the Eocene/Oligocene boundary-stratotype. For the time being, the studies concern mainly the correlations of the certain stages. The present writer summarises the correlation problems of these crucial stages /i.e. Lattorfian, Tongrian, Ludian, Bartonian and Priabonian/.

The writer points out in his review on the situation in Hungary, that in the lack of a designed boundary-stratotype, the only possibility is to correlate the Hungarian sequences with the type-sections of these crucial stages. As provisional solutions, he suggests:

- 1./ The Buda Marl, the Bryozoa-bearing Marl and the N, *fabianii*-bearing Limestone should be regarded as of Upper Eocene;
- 2./ The Lattorfian should be omitted from the stratigraphical nomenclature;
- 3./ The Oligocene should be subdivided into regional stages, i.e. the Lower Oligocene Kiscellian and the Upper Oligocene Egerian. The Kiscellian comprises the Tard Clay, the Hárshegy Sandstone and the Kiscell Clay.