

Varying Effectiveness of the Thuringian Basin during Zechstein- und Trias Deposition.

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Abstract

Different activities in subsidence of the Thuringian Basin occur during Zechstein and Triassic. High deposition rates appeared in the Werra-Formation, in the Middle Buntsandstein, Middle Muschelkalk and in the Lower Gipskeuper-Formations. In the Werra and Staßfurt Formation the topography and the compaction rate were important. In the other geological sequences the relative epirogenic subsidence rate was even more important.