

Upper Permian to Middle Jurassic Radiolarians of the Calamian Island Group

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Abstract

The Calamian Island Group records ~100 My of pelagic deposition on an oceanic plate from Late Permian to Late Jurassic. Thirteen localities within the previously identified lithotectonic belts yielded 173 species spread among 92 genera and 45 families. The sections contain Upper Permian, Middle to Upper Triassic, Lower Jurassic and Middle Jurassic faunas. Deposition above the carbonate compensation depth (CCD) was indicated by the presence of foraminifers. Moreover, parts of the depositional area experienced volcanism and a very low sedimentation rate based on manganese deposits found in Busuanga and Dabatonay islands.