



PALYNOLOGY OF THE BRAHMANI RIVER SECTION, TALCHER COALFIELD, ORISSA, INDIA

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ABSTRACT

The Talcher Coalfield, Orissa, is the type area for the Early Permian Talchir Formation. However, there is little palaeontological evidence for its age. Palynofossils from the rocks exposed on the left bank of the Brahmani River downstream of Sarang Village indicate Mesozoic age affiliation. The occurrence of *Contignisporites multimuratus*, *Klukisporites lacunus*, *Leptolepidites rimatus*, *Murospora florida*, *Ruffordiaspora australiensis*, *Santhalisporites bulbosus*, and *Todisporites minor* etc., indicates a Late Jurassic/Early Cretaceous age.

Keywords: Early Permian, Mesozoic, Palynology, Talcher Coalfield, India