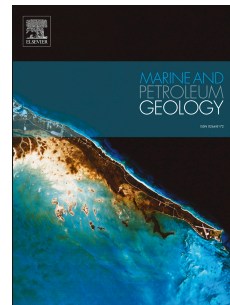


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Biomarkers Stratigraphy of Irati Formation (Lower Permian) in the Southern Portion of Paraná Basin (Brazil)

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Abstract

This study covers the application of biomarkers as stratigraphic markers in a Lower Permian marine section from the Paraná Basin, southern Brazil. The biomarker variations reveal changes in sedimentary environment that were not detected by sedimentological and paleontological methods and will contribute to high resolution stratigraphy. The Irati Formation contains two lithostratigraphic units: (1) the lower

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