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PALYNOSTRATIGRAPHY OF SOME SUBSURFACE JURASSIC-LOWER CRETACEOUS ROCKS IN NORTHERN WESTERN DESERT, EGYPT

A Thesis
Submitted to
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Faculty of Science
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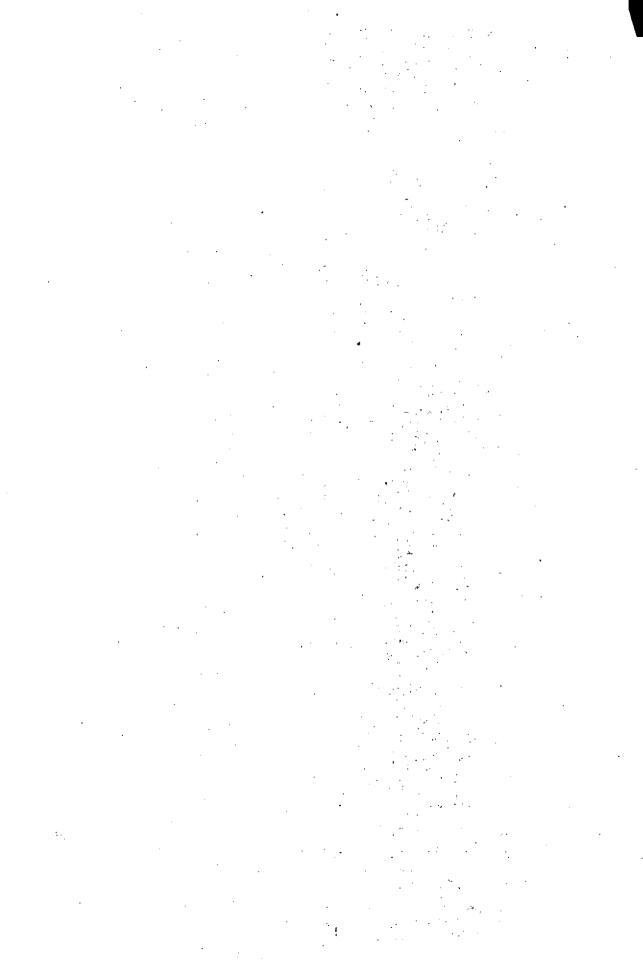
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بسم الله الرحمن الرحيم

"سُبْحَانَ الذِي خَلَقَ الأَزْوَاجَ كُلَّمَا مِمَّا تُنْبِتُ الأَرْضُ وَمِنْ أَنْفُسِمِمْ وَمِمَّا لاَ بَعْلَمُون"

صدق الله العظيم (٣٦ – يس)



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ABSTRACT

A palynostratigraphic study has been carried out on Jurassic / Lower Cretaceous rocks of five boreholes drilled in the northern part of the Western Desert. More than 44 miospore taxa were reported, in addition to 49 dinoflagellate species. This enabled the discussion of the palynocontent of the stratigraphic interval from?

On the palynological evidences, the study revealed that the Middle Jurassic is characterized by rather open marine conditions while the Upper Jurassic rocks were referred to deeper marine shelf; the Lower Cretaceous is dominated by a major regressive phase as indicated by the low and poorly content of marine phytoplanktons

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