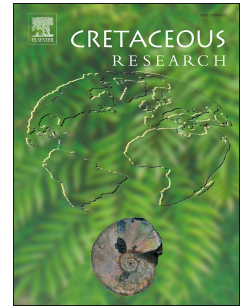


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A paleoenvironmental analyses of benthic foraminifera from Upper Cretaceous – Lower Paleocene oil shales of Jordan

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1 **A paleoenvironmental analyses of benthic foraminifera from Upper Cretaceous – lower Paleocene**
2 **oil shales of Jordan**

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18
19 **Abstract**

20 This study is based on Maastrichtian and Danian oil shales of a cored well located in the Jafr
21 Basin in central Jordan. Studied sedimentary rocks consist of alternations of monotonous bituminous
22 marls, phosphatized marls, occasional dolomite, black chert, and limestone concretions. The main
23 characteristics of these deposits are the high values of the total organic carbon (TOC) which fluctuate
24 between 2.8 and 32.1 wt%. Benthic foraminifera were studied quantitatively in order to reconstruct

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