

## **The Aptian of Kef Gouriret (Oum El Bouaghi): lithostratigraphy, biostratigraphy and palaeoenvironment**

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The Kef Gouriret study area is located in the SW section of the Oum El Bouaghi city in the High Constantine Plains region. We carried out a lithostratigraphic, biostratigraphic and paleoenvironmental study at the level of Djebel Kef Gouriret.

The raised section represents essentially carbonate-like formations interrupted by some levels of marl or clayey limestones rich in macrofauna where gastropods of centimetric to pluricentimetric size are frequent and a rare dolomitic ocher interposition. Samples were collected for the manufacture of thin sections and the washing of marl for the purpose of determining the microfauna.

The results of this study made it possible to recognize the different palaeoenvironments that characterized the Aptian of this predominantly carbonate massif deposited in a shallow, perirecital sedimentation environment. It is an internal platform with a very slight variation of facies.

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