

Devonian Palynomorphs from some Subsurface Rocks in the Western Desert, Egypt

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Well preserved and diverse palynomorphs are recovered from the Devonian sequences encountered by three exploratory wells (Faghour-IX, West Faghour-IX and NWD-302-1) in the northwestern part of the Western Desert, Egypt.

More than (164) spores, (41) acritarchs and (32) of chitinozoan species have been identified.

The successive appearance of the different palynomorph species in the studied material led to establish 10 assemblage zones covering the time interval from probably Gedinian to the lowermost Carboniferous.

The regional correlation of the suggested palynozones revealed a close similarity with those described from north Africa and Europe and slightly differs from those established in Canada and Australia.