

**Palynology of Devonian Rocks, Gerik Section,
Kerman Area, South East of Iran**

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There are poorly published palynological studies on the Devonian rocks in Kerman area (S.E Iran) . Thus the author was decisive to study this area palynologically , in companion with a German geological team who was studing the extant macrofossils and bio - lithofacies. In this study , the Gerik section is important , because regardless of the extant nice biostromes and fossil riches,It is interesting palynologically too. There are well preserved, elegant acritarchs, spores and chitinozoa. Gerik section is located at north - west of Gerik village, 75 km north of Kerman city. Just sixty meters above the last beds of biostrome limestones unit, There are well – preserved Acritarchs and spores as follows:

Acritarchs: Chomotriletes vedugensis, Stellenium comptum, Maranhites britoi, Gorgonisphaeridium abstrusum, Tornacia sp., Cymatiosphaera sp., Polyedryxium spp.

Spores: Samarisporites triangulatus, Geminospora lemurata, Lagenicula minutus, Calyptosporites vellatus, Hystricosporites sp.

This assemblage together with other fauna: conodonts, brachipods, tentaculites(Wendt & Kaufmann, in press; Basset & Dastanpoor, in press) suggest the Frasnian age for this part of Gerik section.

As with the two recovered paleobiogeographic index acritarch Genera ; Papulogabata and Deltotosoma at Kerman area (S.E Iran), This area belongs to Deltotosoma- Papulogabata Palynofacies belt (Sabouri, GSA Annual meeting 1998, IGCP 421, 1998), northern margin of Gondwana supercontinent .