

**PALAEOCLIMATOLOGY OF THE EASTERN CANARY ISLANDS  
[Paleoclimatologie des Canaries orientales (Fuerteventura)]**

Petit-Maire, N., Delibrias, G., Meco, J., Pomel, S., Rosso, J.-C.

Lab de Geologie du Quaternaire, 13288 Marseille Cedex 9, France.

**Abstract**

Three levels with nests of *Anthophora* and molluscs shells (*Subulinidae* and *Helicidae*) in the dunes of Fuerteventura island are radiocarbon dated at 23 600+ or -550, 15 000+ or -200 and 9800+ or -140 BP. These species are xerophilous but their presence however implies a cessation of eolian processes and the existence of vegetation fixing the dunes. Those ages correspond to the climatic chronology known for the Sahara