

Docodonts from the British Mesozoic

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This paper deals with new docodont teeth from the upper Bathonian of Forest Marble, collected by Prof. K.A. Kermack and his team, and from the basal Cretaceous of the Purbeck Limestone Group, collected by P. Ensom. Study of this material led to the recognition of three new taxa: *Boreolestes mussetti* sp. nov. and *Krusatodon kirtlingtonensis* gen. et sp. nov. from Forest Marble, *Peraiocynodon major* sp. nov. from Purbeck; this makes the Bathonian locality the richest (four species) docodont locality so far known. The possible synonymy of *Cyrtlatherium-Simpsonodon* (Forest Marble) and of *Peraiocynodon-Docodon* (Purbeck-Morrison) suggested by several authors is discussed. In conclusion, phyletic relationships between the known docodont genera are proposed, based on lower molars.

Key words: Mammalia, Docodonta, Bathonian, Berriasian, Forest Marble, Purbeck, Great Britain.

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