



## A new basal iguanodont (Dinosauria: Ornithischia) from the Wealden (Lower Cretaceous) of England

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### Abstract

A nearly complete right dentary originally noted by Mantell in 1848 is redescribed. The specimen, NHMUK 28660, was discovered in a quarry near Cuckfield, West Sussex, from the same formation as the original teeth of *Iguanodon anglicus*. Fresh examination reveals that NHMUK 28660 exhibits a single autapomorphy (a row of foramina extending from the ventral surface of the symphysis onto the lateral surface of the dentary) and a unique combination of characters that distinguish it from all other iguanodontian dentaries. In light of this and because *I. anglicus* is regarded as a *nomen dubium* to which additional material cannot be unambiguously referred, NHMUK 28660 is made the holotype of the new genus and species *Kukufeldia tilgatensis*.

**Key words:** *Kukufeldia tilgatensis* **gen. et sp. nov.**, *Iguanodon anglicus*, Styracosterna, Grinstead Clay Member, Lower Cretaceous, Cuckfield