

The dinosaur *Hadrosaurus foulkii*, from the Campanian of the East Coast of North America, with a reevaluation of the genus

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Hadrosaurus foulkii was the first dinosaur known outside Europe from partially complete skeletal elements. It is the holotype of the family Hadrosauridae and the subfamily Hadrosaurinae. The history of its discovery and taxonomy is reviewed, and the holotype of *H. foulkii* is redescribed. The holotype of *H. foulkii* lacks distinguishing characters; therefore, this taxon is a nomen dubium. It is not synonymous with species of *Gryposaurus* and/or *Kritosaurus*. We also reevaluate the taxonomy and osteology of *H. tripos*, *H. minor*, *H. cavatus*, *H. breviceps*, *H. paucidens*, and *Ornithotarsus immanis*. In agreement with previous studies, these taxa are considered nomina dubia due to the absence of distinguishing characters and are therefore referable only to Hadrosauridae indeterminate; *H. paucidens* is referable to Lambeosaurinae indeterminate. Finally, our phylogenetic analysis indicates that the holotype of *H. foulkii* belongs to a member of Euhadrosauria and, tentatively, of Hadrosaurinae.

Key words: Hadrosauridae, Cretaceous, East Coast, North America, phylogeny.

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