

Presence of the Asian horse *Sinohippus* in the Miocene of Europe

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The Anchitheriinae are a group of browsing horses with a widespread distribution throughout the Miocene. The subfamily includes the genera *Hypohippus*, *Megahippus*, *Kalobatippus*, *Anchitherium*, and *Sinohippus*. In the present paper we compare the remains of a giant anchitherine from the Spanish site of Nombrevilla-1, 'Anchitherium' sampelayoi, with other species of *Anchitherium* from Europe, the North American genera *Megahippus* and *Hypohippus*, and the Asian genus *Sinohippus*. These comparisons allow us to suggest the inclusion of this large Spanish browsing horse in the Asian genus *Sinohippus*, rather than in *Anchitherium*. This proposal is made on the basis of some morphological traits from the upper cheek teeth of the Nombrevilla-1 fossils, and their large size, which clearly is outside the range of all other known European *Anchitherium*.

Key words: Mammalia, Anchitheriinae, Anchitherium, Sinohippus, browsers, Miocene, Spain.

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