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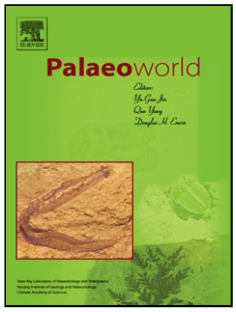

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Miocene mammalian faunas from Wushan, China and their evolutionary, biochronological, and biogeographic significances

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Abstract

We report Miocene mammalian faunas from three nearby localities: Kangping, Nanyu, and Yangping, in the Wushan Subbasin, Gansu Province, China. From the Kangping locality, we identified four species, *Platybelodon grangeri*, *Hispanotherium wushanense* n. sp., *Kubanochoerus* sp., and *Turcocerus* cf. *kekemaidengensis*, which indicate that this fauna can be correlated with MN7/8. From the Nanyu locality, we identified *Platybelodon* aff. *tongxinensis*, which, together with the previously reported specimens of *Gomphotherium wimani* and *Micromeryx* cf. *flourensianus*, enables us to correlate this fauna with MN6. The Yangping locality is found to be early Miocene in age based on the presence of cf. *Gomphotherium* sp. This occurrence is the earliest

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