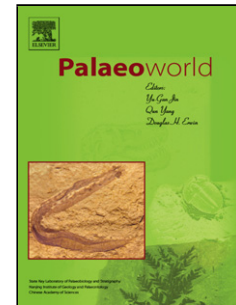


Accepted Manuscript

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PII: S1871-174X(16)30102-0
DOI: <http://dx.doi.org/doi:10.1016/j.palwor.2016.10.003>
Reference: PALWOR 389

To appear in: *Palaeoworld*

Received date: 14-1-2016
Revised date: 18-9-2016
Accepted date: 19-10-2016

Please cite this article as: Yuan, Qin, Vajda, Vivi, Li, Qing-Kuan, Fan, Qi-Shun, Wei, Hai-Cheng, Qin, Zhan-Jie, Zhang, Xiang-Ru, Shan, Fa-Shou, A late Eocene palynological record from the Nangqian Basin, Tibetan Plateau: Implications for stratigraphy and paleoclimate. *Palaeoworld* <http://dx.doi.org/10.1016/j.palwor.2016.10.003>

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**A late Eocene palynological record from the Nangqian Basin, Tibetan Plateau:
Implications for stratigraphy and paleoclimate**

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Abstract

With the uplifting, large-scale thrusting and striking of the Tibetan Plateau, several Paleogene intracontinental basins formed within the northern Tibetan Plateau (TP). Stratigraphical and paleoenvironmental studies of the sedimentary successions within these basins are critical for understanding Paleogene climatological changes in Eurasia. The Nangqian Basin, one of such basins, formed in the Yushu area of the northeastern Tibetan Plateau. A set of lacustrine sediments, dominated by red claystone, marlstone, and gypsum, developed in the Yang Ala section in this basin. Paleontological records from the Nangqian Basin remain poorly known. Here, we

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