

New Middle Jurassic kempynin osmylid lacewings from China

Yongjie Wang, Zhiqi Liu, Dong Ren, and Chungkun Shih *Acta Palaeontologica Polonica* 56 (4), 2011: 865-869 doi: http://dx.doi.org/10.4202/app.2010.0050

Kempyninae are a subfamily of osmylid lacewings whose extant representatives are restricted to the austral continents. Three new osmylids, *Jurakempynus sinensis* gen. et sp. nov., *J. bellatulus* gen. et sp. nov., and *J. epunctatus* gen. et sp. nov. are described from the Middle Jurassic Jiulongshan Formation of Daohugou Village, Inner Mongolia, China. The new genus *Jurakempynus* is assigned to the subfamily Kempyninae constituting its oldest known occurrence. It is allied to the Australian genus *Kempynus*, sharing two synapomorphies: extremely expanded MP space and distally forked MP2 in the hindwing. The occurrence of *Jurakempynus* gen. nov. in China (Northern Hemisphere) implies a much wider

geographic range of the Mesozoic osmylid lacewings in comparison to their modern counterparts.

Yongjie Wang [wangyjosmy@yahoo.cn] and Zhiqi Liu [zhiqiliu@cau.edu.cn], Department of Entomology, China Agricultural University, 2 Yuanmingyuanxilu, Beijing 100193, China; Dong Ren [rendong@mail.cnu.edu.cn] (corresponding author), College of Life Sciences, Capital Normal University, 105 Xisanhuanbeilu, Beijing 100048, China.

This is an open-access article distributed under the terms of the Creative Commons Attribution License (for details please see <u>creativecommons.org</u>), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.