

New isophlebioid dragonflies (Odonata: Isophlebioptera: Camptero-phlebiidae) from the Middle Jurassic of China

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Abstract

Three new representatives of the Odonata Camptero-phlebiidae are described from the Middle Jurassic of Daohugou (Inner Mongolia, China), i.e. *Amnifleckia guttata* n. gen., n. sp., *Amnifleckia splendida* n. sp., and *Parabrunetia celinea* n. gen., n. sp. Their close affinities with the genus *Pteronopteron* (Dogger of Kirgizia) support a similar age for the Daohugou fauna.

Key words: Insecta, Odonata, Camptero-phlebiidae, n. gen., n. sp., Middle Jurassic, Daohugou fauna, Inner Mongolia, China

Introduction

The Isophlebioptera Bechly, 1996 is an insect clade that flourished during the Triassic, Jurassic and Early Cretaceous in Europe and Central Asia (Fleck & Nel 2002). More than fifty species have been described (Nel *et al.* 1993; Bechly 1997), but many are based mainly on isolated, sometimes fragmentary, fossil wings. Fleck and Nel (2002) described a complete isophlebioid specimen from the Mesozoic of China, of great importance for the morphology and paleobiogeography of this group. Moreover, it is the first record of this group from China. Here we describe new rather well-preserved specimens attributable to