Accepted Manuscript

The first Cretaceous damselfly of the Jurassic family Steleopteridae (Odonata: Zygoptera), from Surrey, England

Daran Zheng, A. Nel, E.A. Jarzembowski

PII: S0195-6671(18)30283-0

DOI: 10.1016/j.cretres.2018.08.022

Reference: YCRES 3952

To appear in: Cretaceous Research

Received Date: 14 July 2018

Revised Date: 27 August 2018

Accepted Date: 28 August 2018

Please cite this article as: Zheng, D., Nel, A., Jarzembowski, E.A., The first Cretaceous damselfly of the Jurassic family Steleopteridae (Odonata: Zygoptera), from Surrey, England, *Cretaceous Research* (2018), doi: 10.1016/j.cretres.2018.08.022.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

The first Cretaceous damselfly of the Jurassic family Steleopteridae (Odonata: Zygoptera), 1 from Surrey, England 2 3 Daran Zheng^a, A. Nel^{b,*}, E.A. Jarzembowski^{a,c} 4 5 ^aState Key Laboratory of Palaeobiology and Stratigraphy, Nanjing Institute of Geology and 6 Palaeontology and Center for Excellence in Life and Paleoenvironment, Chinese Academy of 7 Sciences, 39 East Beijing Road, Nanjing 210008, China 8 ^bInstitut Systématique Evolution Biodiversité (ISYEB), Muséum national d'Histoire naturelle, 9 CNRS, Sorbonne Université, EPHE, 57 rue Cuvier, CP 50, 75005 Paris, France. 10 ^cDepartment of Earth Sciences, The Natural History Museum, London SW7 5BD, UK 11 12 * Corresponding author. E-mail address: anel@mnhn.fr (A. Nel) 13 14 15 **ABSTRACT** Steleopteron cretacicus sp. nov., first Cretaceous and most recent representative of the small 16 Mesozoic family Steleopteridae, is described from the Wealden of the UK. This discovery 17 shows that this Jurassic family survived into the Cretaceous. It probably became extinct 18 during or after the great entomofaunal changes of the Albian – Cenomanian event. 19 20 Keywords: 21 Insecta; Odonata; Zygoptera; Steleopteridae; sp. nov.; Lower Cretaceous; UK 22 23 24 25

Download English Version:

https://daneshyari.com/en/article/10149886

Download Persian Version:

https://daneshyari.com/article/10149886

<u>Daneshyari.com</u>