

**Journal
of
Paleontology**

**Volume 83
Number 1
2009**

Reprinted with the permission of the original publisher
by
Periodicals Service Company
Hudson, NY
2015

Printed on acid-free paper.

**This reprint was reproduced from the
best original edition copy available.**

NOTE TO THE REPRINT EDITION:

**In some cases full page advertisements which do not add to
the scholarly value of this volume have been omitted.
As a result, some reprinted volumes may have irregular pagination.**

JOURNAL OF PALEONTOLOGY

VOLUME 83 ■ NUMBER 1 ■ JANUARY 2009 ■ ISSN 0022-3360

1 Harry B. Whittington

The *Corynexochina* (Trilobita): a poorly understood suborder

9 Calvin H. Stevens and Paul Stone

New Permian fusulinids from Conglomerate Mesa, southeastern Inyo Mountains, east-central California

30 Lin Dong, Shuhai Xiao, Bing Shen, Chuanming Zhou, Guoxiang Li, and Jinxian Yao

Basal Cambrian microfossils from the Yangtze Gorges area (South China) and the Aksu area (Tarim block, northwestern China)

45 Jan Bohatý

Pre- and postmortem skeletal modifications of the Cupressocrinitidae (Crinoidea, Cladida)

63 Daniel B. Blake and Frank R. Etnesoehn

The complex morphology of a new Lower Silurian asteroid (Echinodermata)

70 D. Jeffrey Over, Remus Lazar, Gordon C. Baird, Juergen Schieber, and Frank R. Etnesoehn

Protosalvinia Dawson and associated conodonts of the upper Trachytera Zone, Famennian, Upper Devonian, in the eastern United States

80 Chiara Angelone and Carmen Sesé

New characters for species discrimination within the genus *Prolagus* (Ochotonidae, Lagomorpha, Mammalia)

89 James S. Crampton and Andy S. Gale

Taxonomy and biostratigraphy of the Late Albian *Actinoceramus sulcatus* lineage (Early Cretaceous Bivalvia, Inoceramidae)

110 P. A. Cohen, A. Bradley, A. H. Knoll, J. P. Grotzinger, S. Jensen, J. Abelson, K. Hand, G. Love, J. Metz, N. McLoughlin, P. Meister, R. Shepard, M. Tice, J. P. Wilson

Tubular compression fossils from the Ediacaran Nama group, Namibia

PALEONTOLOGICAL NOTES

123 Ed Landing and Björn Kröger

The oldest cephalopods from east Laurentia

128 Thomas Wotte

The youngest cambroclaves: *Cambroclavus absonus* from the Middle Cambrian of the Cantabrian Zone (northwest Spain)

135 Colin D. Sumrall and Bradley Deline

A new species of the dual-mouthed paracrinoid *Bistomiacystis* and a redescription of the edrioasteroid *Edrioaster priscus* from the Upper Ordovician Curdsville Member of the Lexington Limestone

140 Ronald L. Martino and Stephen F. Greb

Walking trails of the giant terrestrial arthropod *Arthropleura* from the Upper Carboniferous of Kentucky

147 John M. Malinky

Permian Hyolithida from Australia: the last of the hyoliths?

153 Michael Heethoff, Lukas Helfen, and Roy A. Norton

Description of *Neoliodes dominicus* n. sp. (Acari, Oribatida) from dominican amber, aided by synchrotron x-ray microtomography