

JOURNAL OF PALEONTOLOGY

VOLUME 77 ■ NUMBER 2 ■ MARCH 2003 ■ ISSN 0022-3360

201 Sean P. Robson, Godfrey S. Nowlan, and Brian R. Pratt

Middle to Upper Cambrian linguliformean brachiopods from the Deadwood Formation of subsurface Alberta and Saskatchewan, Canada

212 Juan L. Benedetto

Early Ordovician (Arenig) brachiopods from volcanoclastic rocks of the Famatina Range, northwest Argentina

243 Li Rong-Yu and Brian Jones

Middle Devonian brachiopods from the Bird Fiord Formation, Arctic Canada

267 Xueping Ma and Jed Day

Revision of selected North American and Eurasian Late Devonian (Frasnian) species of *Cyrtospirifer* and *Regelia* (Brachiopoda)

293 Eberhard Gischler, Michael R. Sandy, and Jörn Peckmann

Ibergirhynchia contraria (F. A. Romer, 1850), an Early Carboniferous seep-related rhynchonellide brachiopod from the Harz Mountains, Germany—a possible successor to *Dzieduszyckia*?

304 John M. Malinky

New Middle and Late Ordovician hyoliths from Estonia

314 Fumihisa Kawabe and James W. Haggart

The ammonoid *Desmoceras* in the Upper Albian (Lower Cretaceous) of Japan

323 Torrey G. Nyborg, Ross E. Berglund, and James L. Goedert

A new crab from the late Eocene Hoko River Formation, Olympic Peninsula, Washington: The earliest record of *Euphyllax* (Decapoda: Portunidae)

331 Frederick A. Sundberg and Linda B. McCollum

Trilobites of the lower Middle Cambrian *Poliella denticulata* Biozone (new) of southeastern Nevada

360 Robert W. Starcher and George R. McGhee, Jr.

Fenestrate graptolite theoretical morphology: Geometric constraints on lophophore shape and arrangement in extinct hemichordates

368 David Grimaldi, Dalton De Souza Amorim, and Vladimir Blagoderov

The Mesozoic family Archizelmiridae (Diptera: Insecta)

PALEONTOLOGICAL NOTES

382 Martin J. Head

Neogene occurrences of the marine acritarch genus *Nannobarbophora* Habib and Knapp, 1982 emend., and the new species *N. Gedlii*

386 René H. B. Fraaije, Frederick R. Schram, and Ronald Vonk

Maastrichtiocaris rostratus new genus and species, the first Cretaceous cycloid

389 Graciela Piñeiro, Mariano Verde, Martín Ubilla, and Jorge Ferigolo

First basal synapsids ("pelycosaur") from the Upper Permian–?Lower Triassic of Uruguay, South America

393 Michael W. Caldwell

Holotype snout elements of *Saniwa ensidens* reassigned to cf. *Restes* sp. indet. (Xenosauridae)

397 Michael T. Dunn, Royal H. Mapes, and J. K. Rigby

A land plant not a sponge: A re-evaluation of the Mississippian demosponge *Vintonia* and the family Vintoniidae

REVIEWS

400 Book reviews

408 Collection News