

Grand Patrons

RICHARD K. BAMBACH

ARTHUR J. BOUCOT

RODNEY M. FELDMAN AND CARRIE SCHWEITZER
THE FAMILY OF N. GARY LANE

A. R. (PETE) PALMER

J. WILLIAM SCHOPF

RAMAN J. SINGH

STEVEN M. STANLEY

Patrons

EDWARD J. ANDREW, JR.

WILLIAM I. AUSICH

BRUCE M. BELL

STIG M. BERGSTROM

DAVID J. BOTTJER

DONALD W. BOYD

DEREK E. G. BRIGGS

JAMES C. BROWER

JOHN L. CARTER

PETER R. CRANE

THE CUSHMAN FOUNDATION

J. ROBERT DODD

MARY L. DROSER

LUCY E. EDWARDS

ROBERT J. ELIAS

J. MARK ERICKSON

DOUGLAS H. ERWIN

HOWARD R. FELDMAN

ROBERT M. FINKS

KARL W. FLESSA

TERRENCE J. FREST

ROBERT A. GASTALDO

PHILIP D. GINGERICH

BRIAN F. GLENISTER

F. D. (BUD) HOLLAND, JR.

J. STEWART HOLLINGSWORTH

NIGEL C. HUGHES

THOMAS W. KAMMER

ERLE G. KAUFFMAN

PATRICIA H. KELLEY

SUSAN M. KIDWELL

ANDREW H. KNOLL

CHARLES LANE

ALLAN R. LARSON

CECILIA LENK AND PAUL K. STROTHER

JERE H. LIPPS

ALAN R. LORD

CHRIS MAPLES AND SARA MARCUS

JANET WOOD MCGREGOR

CHERYL L. METZ

MOLLY F. AND CALVIN MILLER

RONALD W. MORIN

OSBORNE B. NYE, JR.

TERESA O'NEILL

RONALD L. PARSLY

MARK E. PATZKOWSKY

JOHN POJETA, JR.

MARY LOU POJETA

JOHN K. POPE

ANNE RAYMOND

MARGARET N. REES

FRANK H. T. RHODES

RICHARD A. ROBISON

JUNE R. P. AND CHARLES A. ROSS

CHRISTOPHER A. SHAW

FREDERICK C. SHAW

LAWRENCE M. SMALL

GEORGE D. STANLEY, JR.

ROBERT J. STANTON, JR.

CARL W. STOCK

ROGER D. K. THOMAS

BRUCE H. TIFFNEY

SALLY E. WALKER

RON F. WASZCZAK

JOHNNY A. WATERS

GARY D. WEBSTER

MARK A. WILSON

SCOTT L. WING

ABBY YOHELSON

CHARLES YOHELSON

JEFFERY B. YOHELSON

LOUIS G. ZACHOS

The *Journal of Paleontology* publishes manuscripts on all aspects of paleontology, including systematics, phylogeny, paleoecology, paleobiogeography, biostratigraphy, taphonomy, and evolution. It emphasizes specimen-based research and features illustrations of the highest quality possible. Manuscript treating all fossil organism groups are welcome, including invertebrates, vertebrates, plants, algae, and microorganisms of all sorts, as well as ichnofossils (trace fossils).

The *Journal of Paleontology* accepts only online manuscript submissions through the website:

<https://mc.manuscriptcentral.com/paleo>

Author guidelines can be downloaded at:

<http://journals.cambridge.org/action/displayMoreInfo?jid=JPA&type=ifc>

For questions regarding online submissions, please contact the editorial offices at:

journalofpaleontology@cambridge.org

Membership Information

Members of the Paleontological Society automatically receive electronic subscriptions to *Paleobiology* and the *Journal of Paleontology* as a benefit of membership. To apply for individual membership, please go to the Paleontological Society's homepage at <http://paleosoc.org/> where links to an electronic application, a printable paper application form, and a complete list of membership benefits are provided under the Membership heading.

Visit The Paleontological Society website at www.paleosoc.org.

JOURNAL of PALEONTOLOGY

VOL 90 | NO 2 | 2016

- 183 **Sara J. Mason and Guy M. Narbonne**
Two new Ediacaran small fronds from Mistaken Point, Newfoundland
- 195 **John A. Harper**
Redescriptions of some Lower Devonian gastropods from Tennessee currently considered to be platyceratids
- 211 **Jose Maria Pons, Enric Vicens, and Reinhard Schmidt-Effing**
Campanian rudists (Hippuritida, Bivalvia) from Costa Rica (Central America)
- 239 **Jeffrey R. Thompson and William I. Ausich**
Facies distribution and taphonomy of echinoids from the Fort Payne Formation (late Osagean, early Viséan, Mississippian) of Kentucky
- 250 **Davinia Díez-Canseco, Luis A. Buatois, M. Gabriela Mángano, Margarita Díaz-Molina, and M. Isabel Benito**
Ichnofauna from coastal meandering channel systems (Upper Cretaceous Tremp Formation, South-Central Pyrenees, Spain): delineating the fluvial-tidal transition
- 269 **Patrick R. Getty, Thomas D. McCarthy, Shannon Hsieh, and Andrew M. Bush**
A new reconstruction of continental *Treptichnus* based on exceptionally preserved material from the Jurassic of Massachusetts
- 279 **Justin Tweet, Karen Chin, and A. A. Ekdale**
Trace fossils of possible parasites inside the gut contents of a hadrosaurid dinosaur, Upper Cretaceous Judith River Formation, Montana
- 288 **Juan Liu, Mark V.H. Wilson, and Alison M. Murray**
A new catostomid fish (Ostariophysi, Cypriniformes) from the Eocene Kishenehn Formation and remarks on the North American species of *Amyzon* Cope, 1872
- 305 **Tyler R. Lyson, Walter G. Joyce, Spencer G. Lucas, and Robert M. Sullivan**
A new baenid turtle from the early Paleocene (Torrejonian) of New Mexico and a species-level phylogenetic analysis of Baenidae
- 317 **Alexander K. Hastings, Moritz Reisser, and Torsten M. Scheyer**
Character evolution and the origin of Caimaninae (Crocodylia) in the New World Tropics: new evidence from the Miocene of Panama and Venezuela
- 333 **Thomas M. Lehman, Steven L. Wick, and Jonathan R. Wagner**
Hadrosaurian dinosaurs from the Maastrichtian Javelina Formation, Big Bend National Park, Texas
- 357 **Gerald Mayr**
Osteology and phylogenetic affinities of the middle Eocene North American *Bathornis grallator*—one of the best represented, albeit least known Paleogene cariamiform birds (seriemas and allies)
- 375 **Morgan Churchill and Robert W. Boessenecker**
Taxonomy and biogeography of the Pleistocene New Zealand sea lion *Neophoca palatina* (Carnivora: Otariidae)

Cambridge Journals Online

For further information about this journal please
go to the journal website at:
journals.cambridge.org/jpa

CAMBRIDGE
UNIVERSITY PRESS