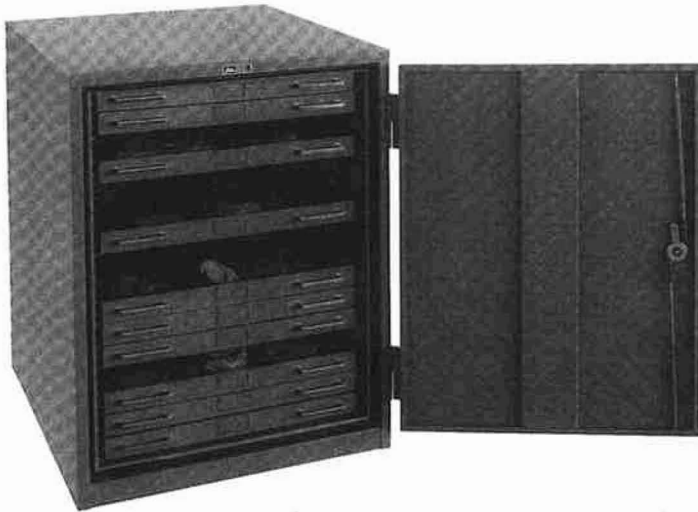


Lane

PALEONTOLOGY SPECIMEN CABINETS



- * All steel construction
- * Powder paint finish
- * Durable neoprene door seal
- * No adhesives
- * Reinforced for easy stacking
- * Sturdy steel trays

LANE SCIENCE EQUIPMENT CORP.

225 West 34th Street
Suite 1412
New York, NY 10122-1496

Tel: 212-563-0663
Fax: 212-465-9440
www.lanescience.com

Grand Patrons

RICHARD K. BAMBACH
ARTHUR J. BOUCOT
RODNEY M. FELDMAN and
CARRIE SCHWEITZER
A. R. (Pete) PALMER
J. WILLIAM SCHOPF
RAMAN 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
TERRANCE 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
MARY 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
OSBORNE B. NYE, Jr.
RONALD L. PARSLEY
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 YOCHELSON
CHARLES YOCHELSON
JEFFERY B. YOCHELSON
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. Manuscripts 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:

<http://journalofpaleontology.alltrack.net/>

Author guidelines can be downloaded at:

<http://www.journalofpaleontology.org/instructions.htm>

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

jpaleo@si.edu

The Paleontological Society thanks the University of Saskatchewan for its generous contributions to this journal.

JOURNAL OF PALEONTOLOGY

VOLUME 88 ■ NUMBER 3 ■ MAY 2014 ■ ISSN 0022-3360

- 411 Rodrigo A. Otero, Carolina Simon Gutstein, Alexander Vargas, David Rubilar-Rogers, Roberto Yury-Yañez, Joaquin Bastías, and Cristián Ramírez**
New chondrichthyans from the Upper Cretaceous (Campanian–Maastrichtian) of Seymour and James Ross islands, Antarctica
- 421 Rich Mooi and Richard P. Hilton**
First record and phylogenetic significance of a Jurassic diadematacean sea urchin from California
- 434 Donald R. Prothero, Kenneth E. Campbell, Jr., Brian L. Beatty, and Carl D. Frailey**
New late Miocene dromomerycine artiodactyl from the Amazon Basin: implications for interchange dynamics
- 444 Jeremy E. Martin, Márton Rabi, Zoltán Csiki-Sava, and Ștefan Vasile**
Cranial morphology of *Theriosuchus sympiestodon* (Mesoeucrocodylia, Atoposauridae) and the widespread occurrence of *Theriosuchus* in the Late Cretaceous of Europe
- 457 Carrie E. Schweitzer, Rodney M. Feldmann, Shixue Hu, Jinyuan Huang, Changyong Zhou, Qiyue Zhang, Wen Wen, and Tao Xie**
Panaeoid Decapoda (Dendrobranchiata) from the Luoping Biota (Middle Triassic) of China: systematics and taphonomic framework
- 475 Patrick N. Wyse Jackson, Marcus M. Key, Jr., and Stephen P. Coakley**
Epizoozoan trepostome bryozoans on nautiloids from the Upper Ordovician (Katian) of the Cincinnati Arch region, U.S.A.: an assessment of growth, form, and water flow dynamics
- 488 Lars E. Holmer, Leonid Popov, and Michael G. Bassett**
Ordovician–Silurian Chileida—first post-Cambrian records of an enigmatic group of Brachiopoda
- 497 Todd D. Cook, Jeffrey G. Eaton, Michael G. Newbrey, and Mark V. H. Wilson**
A new genus and species of freshwater stingray (Myliobatiformes, Dasyatoidea) from the latest middle Eocene of Utah, U.S.A.
- 504 Hüseyin Erten, Sevkettin Sen, and Muhittin Görmüş**
Middle and late Miocene Cricetidae (Rodentia, Mammalia) from Denizli Basin (southwestern Turkey) and a new species of *Megacricetodon*
- 519 Maria Cristina Cabral, Alan Lord, Ian Boomer, Isabel Loureiro, and Heinz Malz**
Tanycythere new genus and its significance for Jurassic ostracod diversity
- 531 Gabriela A. Cisterna and G. R. Shi**
Lower Permian brachiopods from the Wasp Head Formation, Sydney Basin, southeastern Australia
- 545 Frederick C. Shaw**
Telephina and other trilobites from the Pratt Ferry Beds, Ordovician of Alabama, U.S.A.
- 556 Frederick A. Sundberg**
Phylogenetic analysis of the spiny oryctocephalids (Trilobita, Corynexochida?, Oryctocephalidae), Cambrian
- 588 Vladimir I. Davydov, David W. Haig, and Eujay McCartain**
Latest Carboniferous (late Gzhelian) fusulinids from Timor Leste and their paleobiogeographic affinities
- 606 Thomas A. Hegna, Francisco J. Vega, and Katia A. González-Rodríguez**
First Mesozoic Thylacocephalans (Arthropoda, ?Crustacea; Cretaceous) in the Western Hemisphere: new discoveries from the Muhi Quarry Lagerstätte

PRESIDENTIAL ADDRESS AND AWARDS

- 617 Sandra J. Carlson, 2013 Paleontological Society President's Address**
- 619 Steven R. Manchester, Presentation of the 2013 Paleontological Society Medal**
Estella B. Leopold, Response
- 622 Richard K. Olsson, Presentation of the 2013 Charles Schuchert Award of the Paleontological Society**
Bridget Wade, Response
- 626 Rod M. Feldmann, Presentation of the 2013 Harrell L. Strimple Award of the Paleontological Society**
Antonio De Angeli, Response
- 628 Sandra J. Carlson, Presentation of the 2013 Pojeta Award of the Paleontological Society**
John and Mary Lou Pojeta, Response