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:

https://www.cambridge.org/core/journals/journal-of-paleontology/information/instructions-contributors

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 Palaeontology 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.

593 Filippo Barattolo, Nicola Carras, Marc André Conrad, and Rajka Radoičić
Falsolikanella campanensis (Azéma and Jaffrez, 1972) Granier, 1987 revisited on type material, evidence of polyphysacean nature (green algae)

Insights into vase-shaped microfossil diversity and Neoproterozoic biostratigraphy in light of recent Brazilian discoveries

628 Andrej Ernst, Carlton E. Brett, and Mark A. Wilson
Bryozoan fauna from the Reynales Formation (lower Silurian, Aeronian) of New York, USA

658 Michael J. Vendrasco, Antonio G. Checa, and William P. Heimbrock
Remarkable preservation of shell microstructures from the Late Ordovician of the Cincinnati Arch region, USA, and the success of nacre among Ordovician mollusks

673 Shiladri S. Das, Subhronil Mondal, Sandip Saha, Subhendu Bardhan, and Ranita Saha
Family Naticidae (Gastropoda) from the Upper Jurassic of Kutch, India and a critical reappraisal of taxonomy and time of origination of the family

685 Maximiliano Jorge Alvarez
Phylogenetic analysis of the genus Retrotapes del Río, 1997 (Bivalvia, Veneridae) and systematic analysis of its taxa from Chile

702 Verónica V. Vennari and Beatriz Aguirre-Urreta
Intraspecific variability, biostratigraphy and paleobiological significance of the Southern Gondwana ammonoid genus Lytophoplitites Spath

727 Gengo Tanaka and Hiroshi Moriwaki
Upper Miocene Ostracoda in a gravity flow deposit in Central Japan: significance of paleogeography and paleoceanography

740 Sarah L. Sheffield and Colin D. Sumrall
The phylogeny of the Diploporita: a polyphyletic assemblage of blastozoan echinoderms

753 Daniel B. Blake and Merlynd K. Nestell
Revision of the unusual Carboniferous ophiuroid Cholaster (Echinodermata) and remarks on skeletal differentiation within the Asterozoa

764 Andrea Mancosu and James H. Nebelsick
Paleoecology of sublittoral Miocene echinoids from Sardinia: A case study for substrate controls of faunal distributions

785 Alexander N. Zimmerman, Lewis M. Brown, and Carl B. Rexroad
A Neognathodus-based biozonation of the Desmoinesian Series (Pennsylvanian) in the Illinois Basin, USA

822 Christopher R.C. Paul and Ronald L. Parsley
‘Aristocystites? subcylindricus var. de bohemicus’ Barrande, 1887’ is a valid species of Aristocystites (Echinodermata, Diploporita): description and taxonomic consequences