

# JOURNAL of PALEONTOLOGY



VOL 99 | NO 1 | JANUARY 2025



CAMBRIDGE  
UNIVERSITY PRESS

# JOURNAL of PALEONTOLOGY

VOL 99 | NO 1 | JANUARY 2025

## REGULAR ARTICLES

- 1 **Soad A. Raafat, Mahmoud A. Kora, Zaki A. Abdel-Fattah and Safia Gaber Al Menoufy**  
Middle to late Eocene *Nummulites* from the southern Tethys, Fayum, Egypt: taxonomic, biostratigraphic, and paleobiogeographic context
- 26 **Filippo Barattolo, Ioan I. Bucur, Paul Tibuleac and Giorgia Girardi**  
Ontogeny and mineralization in Dasycladales: the case of two new species of triploporellaceans (green algae, Dasycladales) from the Lower Cretaceous Rărău Syncline (Romania)
- 55 **César Augusto Taboada, María Alejandra Pagani and Marcelo Gabriel Carrera**  
Carboniferous (upper Serpukhovian–Bashkirian) fenestrate bryozoans from the Pampa de Tepuel Formation, central-western Patagonia, Argentina
- 86 **Bernard M. Landau, Carlos Marques da Silva and Mathias Harzhauser**  
The genus *Euthria* (Gastropoda, Tolididae) in the Pliocene of the Atlantic Mondego Basin of Portugal: a glocal taxon in the Atlanto-Mediterranean Neogene
- 99 **Thomas E. Yancey**  
Revision of *Monopteria* (Monopteriidae), a late Paleozoic pteriomorphian bivalve
- 116 **Thomas E. Yancey**  
Description of *Willipteria*, a new genus of late Paleozoic pterioid bivalves, and redescription of *Leptodesma* Hall
- 128 **Yui Takahashi, Hiroaki Aiba and Yositaka Sakamaki**  
*Agalope oshikirii* n. sp., the first chalcosiine fossil (Lepidoptera, Zygaenidae) from Akita Prefecture, Japan
- 135 **Yan-Da Li, Vinicius S. Ferreira, Robin Kundrata, Di-Ying Huang and Chen-Yang Cai**  
*Domipteron*, a new genus of Calopterini from Miocene Dominican amber (Coleoptera: Elateroidea: Lycidae)
- 144 **Richard G. Keyes, David F. Wright and William I. Ausich**  
Phylogeny and macroevolution of a “dead clade walking”: a systematic revision of the Paragaricocrinidae (Crinoidea)
- 163 **Wenqi Wang, Keyi Hu, Nicholas J. Hogancamp and Xiangdong Wang**  
Morphometric analyses of *Gnathodus pseudosemiglaber* (Conodonts, Mississippian) and implications for its taxonomy, phylogeny and biostratigraphy
- 177 **Jason R. Bourque and Edward L. Stanley**  
A tegu-like lizard (Teiidae, Tupinambinae) from the Middle Miocene Climatic Optimum of the southeastern United States
- 192 **Matthew T. Carrano**  
First report of ceratopsians and tyrannosauroids (Dinosauria) in the Newark Canyon Formation (Lower Cretaceous) of Nevada
- 206 **Alexander O. Averianov, Ivan T. Kuzmin, Pavel P. Skutschas and Hans-Dieter Sues**  
First record of Carcharodontosauridae (Dinosauria, Theropoda) in the Upper Cretaceous Khodzhakul Formation of Uzbekistan
- 219 **David J. Varricchio, Jason D. Hogan and Jacob D. Gardner**  
Troodontid specimens from the Cretaceous Two Medicine Formation of Montana (USA) and the validity of *Troodon formosus*
- 241 **Bruce J. MacFadden, David J. Bohaska, Lee Cone, Stephanie R. Killingsworth, Samantha P. Zbinden, Jeanette Pirlo, Sean M. Moran, Jon Baskin and Victor J. Perez**  
Early Miocene land mammals and chronology of the Belgrade Formation, eastern North Carolina

Cover illustration: General habitus of *Domipteron gaoi* n. gen. n. sp., holotype, NIGP205048, under incident light. From Li et al., Fig. 1.