

JOURNAL of PALEONTOLOGY



VOL 97 | NO 5 | SEPTEMBER 2023



CAMBRIDGE
UNIVERSITY PRESS

JOURNAL of PALEONTOLOGY

VOL 97 | NO 5 | SEPTEMBER 2023

REGULAR ARTICLES

- 961 **Heyo Van Iten, Nigel C. Hughes, Douglas L. John, Robert R. Gaines and Matthew W. Colbert**
Conulariid soft parts replicated in silica from the Scotch Grove Formation (lower Middle Silurian) of east-central Iowa
- 971 **Siyumini Perera and Jonathan C. Aitchison**
Micro-CT analysis of Katian radiolarians from the Malongulli Formation, New South Wales, Australia, and implications for skeletogenesis
- 990 **Steven J. Hageman and Olev Vinn**
Late Cambrian *Pywackia* is a cnidarian, not a bryozoan: Insights from skeletal microstructure
- 1002 **Evelyn Larson and Derek E.G. Briggs**
A hydrozoan from the eurypterid-dominated Silurian Bertie Group Lagerstätten of North America
- 1009 **Christian R.A. McCall**
A large pelagic lobopodian from the Cambrian Pioche Shale of Nevada
- 1025 **Julien Kimmig, Stephen Pates, Rhianon J. LaVine, L.J. Krumenacker, Anna F. Whitaker, Luke C. Strotz, Paul G. Jamison, Val G. Gunther, Glade Gunther, Matt Witte, Alison C. Daley and Bruce S. Lieberman**
New soft-bodied panarthropods from diverse Spence Shale (Cambrian; Miaolingian; Wuliuan) depositional environments
- 1049 **Ivan A. Dadykin and Alexey S. Shmakov**
New findings of Decapoda (Crustacea) in the Callovian of the Ryazan region (Central European Russia)
- 1070 **William I. Ausich, Chuck Ciampaglio, Alexander J. Fabian and Jeremy R. Myers**
A Silurian (Homerian) pelmatozoan echinoderm fauna from west-central Ohio, USA
- 1092 **Thomas E. Guensburg, Rich Mooi and Nicolás Mongiardino Koch**
Crinoid calyx origin from stem radial echinoderms
- 1116 **Victoria E. McCoy, Jack Wittry, Hamed Sadabadi and Paul Mayer**
A reappraisal of *Nemavermes mackeei* from the Mazon Creek fossil site expands Carboniferous cyclostome diversity
- 1133 **Semion E. Golovanov and Vladimir S. Zazhigin**
Characterization of the West Siberian lineage of zokors (Mammalia, Rodentia, Spalacidae, Myospalacinae) and divergence in molar development

Awards and Citations

- 1147 **Forest J. Gahn**
Presentation of the 2022 Strimple Award to Joseph Koniecki
- 1149 **Joseph Koniecki**
Response by Joseph Koniecki for the presentation of the 2022 Strimple Award of the Paleontological Society
- 1151 **Zerina Johanson and Michael I. Coates**
Presentation of the 2022 Schuchert Award of the Paleontological Society to Matt Friedman
- 1153 **Matt Friedman**
Response by Matt Friedman for the presentation of the 2022 Schuchert Award of the Paleontological Society
- 1155 **Peter Wilf**
Presentation of the 2022 Paleontological Society Medal to Conrad C. Labandeira
- 1157 **Conrad C. Labandeira**
Response by Conrad C. Labandeira for the presentation of the 2022 Paleontological Society Medal
- 1159 **Gabriel-Philip Santos**
Response by Gabriel-Philip Santos for the presentation of the 2022 Pojeta Award of the Paleontological Society
- 1160 **Brittney Elizabeth Stoneburg**
Response by Brittney Elizabeth Stoneburg for the presentation of the 2022 Pojeta award of the Paleontological Society

Cover illustration: *Paribellus avatus* ELI-EJ 048A (holotype, part) from the Chengjiang Biota, Chiungchussu Formation (Cambrian, Yunnan, China). McCall, Fig. 4.8.