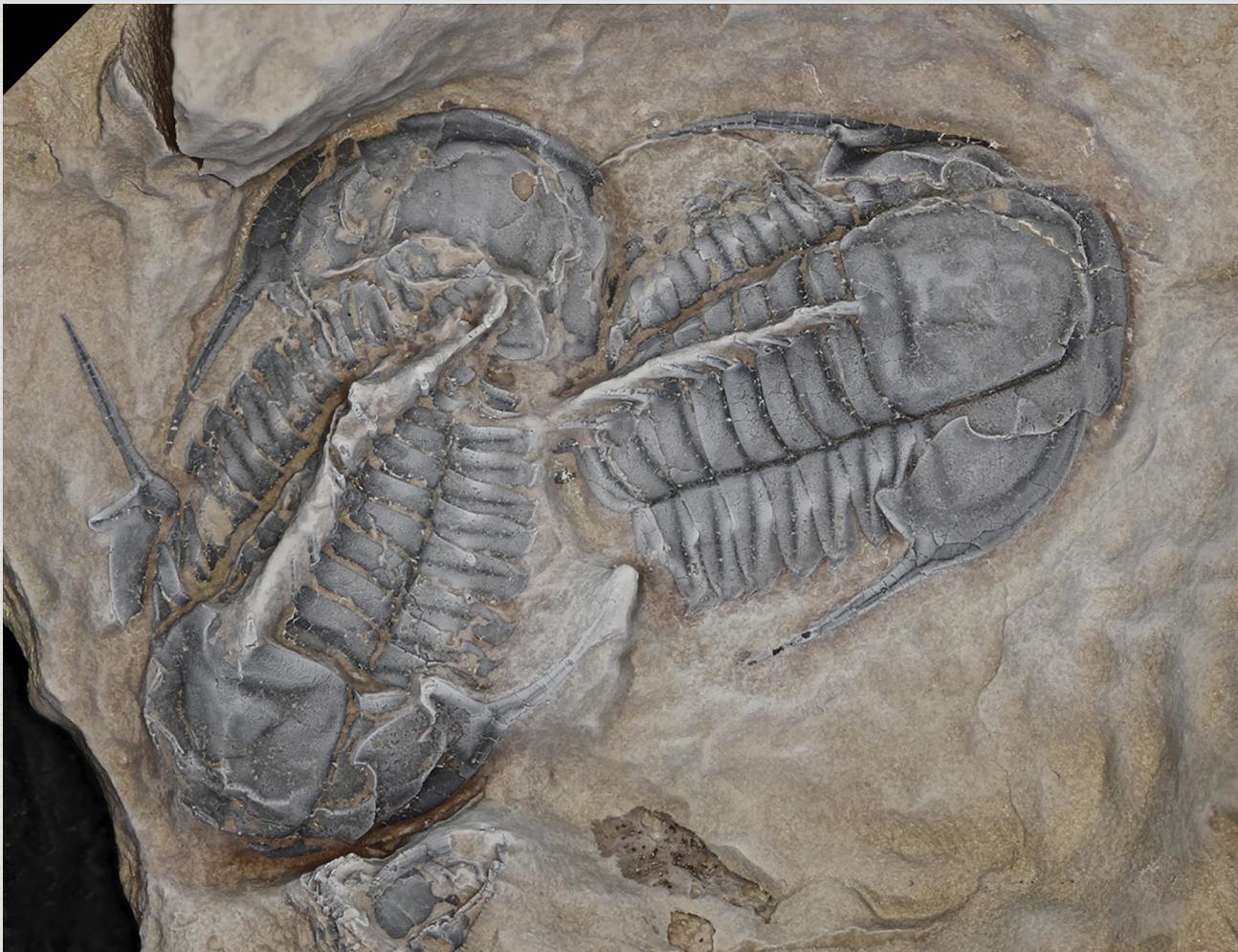


JOURNAL of PALEONTOLOGY



VOL 98 | NO 4 | JULY 2024



CAMBRIDGE
UNIVERSITY PRESS

JOURNAL of PALEONTOLOGY

VOL 98 | NO 4 | JULY 2024

Trilobite Special Issue
Brenda Hunda and Nigel Hughes

REGULAR ARTICLES

- 449 **Richard A. Fortey**
Trilobites: an ongoing story
- 452 **John R. Foster, Frederick A. Sundberg and James W. Hagadorn**
Cambrian trilobites and associated fossils from the Uinta Mountains of Utah (USA)
- 460 **Mark Webster and Jean-Bernard Caron**
Trilobites of the Cranbrook Lagerstätte (Eager Formation, Cambrian Stage 4), British Columbia
- 504 **Neal M. Handkamer and Brian R. Pratt**
Quantified growth and possible heterochronic development of two corynexochid trilobites from the middle Cambrian (Miaolingian Series, Wuliuan Stage) Mount Cap Formation, eastern Mackenzie Mountains, northwestern Canada
- 537 **Frederick A. Sundberg, Hannah R. Cothren and Carol M. Dehler**
Cambrian trilobites from the Nounan Dolomite and lower St. Charles Formation (upper Marjuman to lower Sunwaptan; Miaolingian to Furongian Series), Smithfield Canyon, northern Utah
- 567 **Mansoureh Ghobadi Pour, Leonid E. Popov and Mohammad-Reza Kebria-ee Zadeh**
First record of the *Parabolina* Fauna in the Cambrian (Furongian) of Alborz, northern Iran
- 584 **Stephen R. Westrop, Katie F. Welch, Michael H. Engel and Jonathan M. Adrain**
Faunal and paleoenvironmental changes at a Cambrian (Jiangshanian; Steptoean–Sunwaptan boundary interval) trilobite extinction event, in contrasting deep- and shallow-subtidal settings, Nevada and Oklahoma
- 612 **Shravya Srivastava and Nigel C. Hughes**
Morphology, variation, and systematics of the late Cambrian Laurentian dikelocephalid trilobite *Walcottaspis vanhornei* (Walcott, 1914)
- 634 **Melanie J. Hopkins, Juan Carlos Gutiérrez-Marco and Gianpaolo Di Silvestro**
First occurrence of well-preserved Ordovician trilobites of the family Olenidae from Africa
- 644 **Richard A. Fortey, Ernesto E. Vargas-Parra and Mary L. Droser**
Trilobites from the Al Rose Formation (Lower Ordovician, Inyo Mountains, California)—faunas marginal to the Great Basin
- 658 **Jonathan M. Adrain**
The Early Ordovician bathyurid trilobites *Licnocephala* and *Ibexocephala*
- 686 **Sofia Pereira, Isabel Rábano and Juan Carlos Gutiérrez-Marco**
The trilobite assemblage of the *Declivolithus* Fauna (lower Katian, Ordovician) of Morocco: a review with new data
- 720 **Jikhan Jung, Tae-Yoon S. Park and Nigel C. Hughes**
Virtual taphonomy of trilobite heads: understanding compressive deformation using 3D modeling and rigid body simulation
- 732 **James D. Beech, David J. Bottjer and Nathan D. Smith**
Parallel evolution of unusual ‘harpiform’ morphologies in distantly related trilobites
- Erratum**
- 744 **Sofia Pereira, Isabel Rábano and Juan Carlos Gutiérrez-Marco**
The trilobite assemblage of the *Declivolithus* Fauna (lower Katian, Ordovician) of Morocco: a review with new data – ERRATUM

Cover illustration: Part of rock sample showing *Leptoplastides salteri* specimens from N'kob, Morocco. Hopkins et al., Fig. 2.3.