

Antiquity

Published for Antiquity Publications Ltd

Editor

Chris Scarre, *Durham University, UK*

Antiquity aims to report new archaeological research, method and issues of international significance in plain language to a broad academic and professional readership.

The journal is published in February, April, June, August, October and December.

Antiquity is owned by the Antiquity Trust, a registered charity, with the editorial office based at the Department of Archaeology at Durham University. The editorial team comprises Professor Chris Scarre (Editor), Dr Robert Witcher (Reviews Editor) and Tara-Jane Sutcliffe (Editorial Manager), with editorial assistance provided by Dr Claire Nesbitt and Thomas Swindells. For enquiries contact: assistant@antiquity.ac.uk

The Trustees of the Antiquity Trust are Graeme Barker, Warwick Bray, Robin Coningham, Barry Cunliffe, Chris Gosden, Anthony Harding, Paul Mellars, Martin Millett, Nicky Milner, Cameron Petrie, Colin Renfrew and Stephen Shennan.



Antiquity

is available online at:
<http://journals.cambridge.org/aqy>

To subscribe contact Customer Services

in Cambridge:

Phone +44 (0)1223 326070
Fax +44 (0)1223 325150
Email journals@cambridge.org

in New York:

Phone +1 (845) 353 7500
Fax +1 (845) 353 4141
Email
subscriptions_newyork@cambridge.org

Free email alerts

Keep up-to-date with new material – sign up at

journals.cambridge.org/aqy-alerts

For free online content visit:
<http://journals.cambridge.org/aqy>



CAMBRIDGE
UNIVERSITY PRESS

Journal of Paleontology

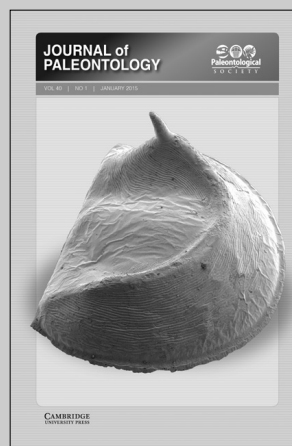
Published for the Paleontological Society

Co-Editors

Brenda Hunda, *Cincinnati Museum Center, Ohio, USA*

Jisuo Jin, *University of Western Ontario, Canada*

The *Journal of Paleontology* publishes original articles and notes on the systematics, phylogeny, paleoecology, paleogeography, and evolution of fossil organisms. It emphasizes specimen-based research and features high quality illustrations. All taxonomic groups are treated, including invertebrates, microfossils, plants, vertebrates, and ichnofossils.



Journal of Paleontology

is available online at:
<http://journals.cambridge.org/jpa>

To subscribe contact Customer Services

in Cambridge:

Phone +44 (0)1223 326070

Fax +44 (0)1223 325150

Email journals@cambridge.org

in New York:

Phone +1 (845) 353 7500

Fax +1 (845) 353 4141

Email

subscriptions_newyork@cambridge.org

Free email alerts

Keep up-to-date with new
material – sign up at

journals.cambridge.org/jpa-alerts

For free online content visit:
<http://journals.cambridge.org/jpa>



CAMBRIDGE
UNIVERSITY PRESS

Paleobiology

Published for the Paleontological Society

Editor

Michał Kowalewski, *Florida Museum of Natural History, USA*

Paleobiology publishes original contributions of any length (but normally 10-50 manuscript pages) dealing with any aspect of biological paleontology. Emphasis is placed on biological or paleobiological processes and patterns, including macroevolution, extinction, diversification, speciation, functional morphology, bio-geography, phylogeny, paleoecology, molecular paleontology, taphonomy, natural selection and patterns of variation, abundance, and distribution in space and time, among others. Papers concerning research on recent organisms and systems are appropriate if they are of particular interest to paleontologists. Papers should typically interest readers from more than one specialty.



Paleobiology

is available online at:
<http://journals.cambridge.org/pab>

To subscribe contact Customer Services

in Cambridge:
 Phone +44 (0)1223 326070
 Fax +44 (0)1223 325150
 Email journals@cambridge.org

in New York:
 Phone +1 (845) 353 7500
 Fax +1 (845) 353 4141
 Email
subscriptions_newyork@cambridge.org

Free email alerts

Keep up-to-date with new material – sign up at
journals.cambridge.org/pab-alerts

For free online content visit:
<http://journals.cambridge.org/pab>



CAMBRIDGE
UNIVERSITY PRESS

Ionplus²⁺

engineering scientific instruments



Scientific Instruments for Radiocarbon Dating

Ionplus²⁺ covers the entire range of dedicated ^{14}C laboratory equipment. Our instruments are designed for fast and efficient sample processing with a very high degree of automation. We offer fully automated graphitization systems – AGE 3, gas interface systems for unattended gas measurements of small samples – GIS, automated carbonate handling systems – CHS, and a range of peripheral devices. High-precision $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values can be conveniently obtained online during graphitization and gas measurements with a newly implemented IRMS instrument.

A high degree of automation and the outstanding reliability of all *Ionplus²⁺* instruments maximize the repeatability of sample preparation and measurements, thus helping you to improve the throughput, precision and accuracy of your radiocarbon analyses.

The *Ionplus²⁺* mini carbon dating system – MICADAS is the world's smallest commercially available ^{14}C -AMS system and offers high performance while reducing maintenance to a minimum:

- Dating of samples back to 50'000 radiocarbon years
- Negative ion currents of 50 to 150 μA on graphite* and 10 to 20 μA on gas samples**
- Helium stripping for a high ^{14}C -transmission of 47%, fast tuning and high measurement stability
- Dimensions and weight: 3.4 m \times 2.6 m \times 2 m, 4500 kg
- Equipped with optional permanent magnets, MICADAS is the first energy efficient AMS system and renders expensive water cooling systems redundant.

*With 1 mg carbon

** With 10 μg C or more



Ionplus²⁺

Contact us for more information
on our products and services.

Ionplus AG
Lerzenstrasse 12
8953 Dietikon
Switzerland

Tel: +41 43 322 31 60
Fax: +41 43 322 31 79
www.ionplus.ch
info@ionplus.ch