

CAMBRIDGE

JOURNALS

Journal of the Marine Biological Association of the United Kingdom

Published for the Marine Biological Association of the United Kingdom

Executive Editor

Dr. P. R. Dando, The Marine Biological Association of the UK, Plymouth, UK

Editor-in-Chief

Dr. Ann L. Pulsford, The Marine Biological Association of the UK, Plymouth, UK

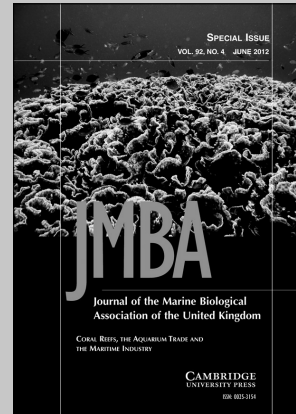
JMBA is an international journal, publishing original research on all aspects of marine biology. It includes pioneering work on major issues concerning marine organisms and their environment. Subjects covered include: ecological surveys and population studies of marine communities; physiology and experimental biology; taxonomy, morphology and life history of marine animals and plants; and chemical and physical oceanographic work.

Price information

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

Free email alerts

Keep up-to-date with new material – sign up at
<http://journals.cambridge.org/mbi-alerts>



Journal of the Marine Biological Association of the United Kingdom

is available online at:

<http://journals.cambridge.org/mbi>

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

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



CAMBRIDGE
UNIVERSITY PRESS

CAMBRIDGE

JOURNALS

The Journal of Agricultural Science

Senior Editor (Animal papers)

Julian Wiseman, *University of Nottingham, UK*

Senior Editor (Crops & Soils papers)

Paul Bilsborrow, *Newcastle University, UK*

The Journal of Agricultural Science publishes papers concerned with the advance of agriculture and the use of land resources throughout the world. It publishes original scientific work related to strategic and applied studies in all aspects of agricultural science, including: crop and animal physiology, modelling of crop and animal systems, the scientific underpinning of agronomy and husbandry, engineering solutions, decision support systems, land use, environmental impacts of agriculture and forestry, impacts of climate change, rural biodiversity, experimental design and statistical analysis, the application of new analytical and study methods (including molecular studies). The journal also publishes book reviews and letters.

Submit your research online

<http://mc.manuscriptcentral.com/jagrisci>

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



The Journal of Agricultural Science is available online at:
<http://journals.cambridge.org/ags>

To subscribe contact Customer Services

Americas:

Phone +1 (845) 353 7500

Fax +1 (845) 353 4141

Email

subscriptions_newyork@cambridge.org

Rest of world:

Phone +44 (0)1223 326070

Fax +44 (0)1223 325150

Email journals@cambridge.org

Free email alerts

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

journals.cambridge.org/ags-alerts



CAMBRIDGE
UNIVERSITY PRESS

CAMBRIDGE

JOURNALS

Experimental Agriculture

Editor

Dave Harris, *ICRISAT, Kenya*

Experimental Agriculture publishes the results of original research from any source on the agronomy of field, plantation and herbage crops grown for human or animal food; for industrial purposes; and on systems of agricultural production, particularly in the warmer regions of the world. It is especially concerned with experimental work designed to explain agronomic results in biological and environmental terms. The journal publishes accounts of new experimental techniques, new methods of crop production and discusses problems in countries where production is developing rapidly. There are regular book reviews and occasional, often invited, reviews of research.

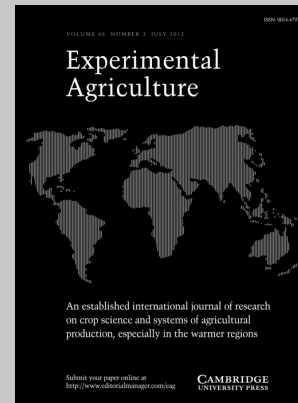
For free online content visit:

<http://journals.cambridge.org/eagsample>

Free email alerts

Keep up-to-date with new content

<http://journals.cambridge.org/eag-alerts>



Experimental Agriculture
is available online at:
<http://journals.cambridge.org/eag>

To subscribe contact Customer Services

Americas:

Phone +1 (845) 353 7500

Fax +1 (845) 353 4141

Email

subscriptions_newyork@cambridge.org

Rest of world:

Phone +44 (0)1223 326070

Fax +44 (0)1223 325150

Email journals@cambridge.org

Price Information

is available at:

<http://journals.cambridge.org/eag>



CAMBRIDGE
UNIVERSITY PRESS

CAMBRIDGE

JOURNALS

International Journal of Tropical Insect Science

Published on behalf of
icipe - African Insect Science for Food and Health

Editor

C. Borgemeister, *icipe*, Kenya

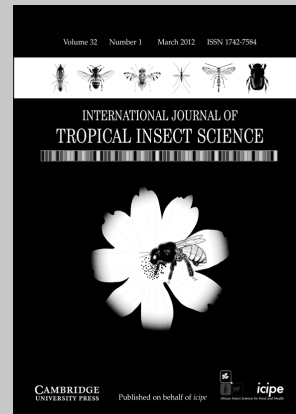
International Journal of Tropical Insect Science is the only journal devoted exclusively to the latest research in tropical and sub-tropical insect science. Each issue brings you original, peer-reviewed research findings on tropical insects and related arthropods, with special emphasis on their environmentally benign and sustainable management. The journal's scope includes arthropod ecology and biodiversity, ethno-entomology, arthropod taxonomy, integrated pest and vector management, and environmental issues. The journal publishes research papers, short communications and scientific notes. The journal also includes reports of meetings and obituaries of prominent scientists, book reviews, and review and mini-review articles that are normally submitted at the invitation of the Editors.

Price information

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

Free email alerts

Keep up-to-date with new material – sign up at
<http://journals.cambridge.org/jti-alerts>



International Journal of Tropical Insect Science

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

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

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



CAMBRIDGE
UNIVERSITY PRESS

CAMBRIDGE

JOURNALS

Bird Conservation International

Published on behalf of BirdLife International

Editor-in-Chief

Phil Atkinson, British Trust for Ornithology, UK

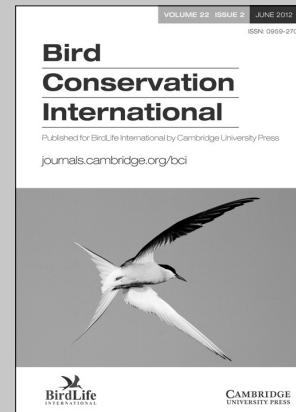
Bird Conservation International is a quarterly peer-reviewed journal focusing on the conservation of birds and their habitats. The official journal of BirdLife International, it provides stimulating, international and up-to-date coverage of a broad range of conservation topics, using birds to illuminate wider issues of biodiversity, conservation and sustainable resource use. *Bird Conservation International* publishes original papers and reviews, including specifically targeted articles and recommendations by leading experts.

Price information

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

Free email alerts

Keep up-to-date with new material – sign up at
<http://journals.cambridge.org/bci-alerts>



Bird Conservation International is available online at:
<http://journals.cambridge.org/bci>

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

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



CAMBRIDGE
UNIVERSITY PRESS

CAMBRIDGE

JOURNALS

Oryx

The International Journal of Conservation

Published for Fauna & Flora International

Editor

Martin Fisher, Fauna & Flora International, UK

Oryx -- *The International Journal of Conservation* is a quarterly peer-reviewed journal of biodiversity conservation, conservation policy and sustainable use, and the interaction of these subjects with social, economic and political issues. The journal has a particular interest in material that has the potential to improve conservation management and practice, supports the publishing and communication aspirations of conservation researchers and practitioners worldwide and helps build capacity for conservation. Besides articles and short communications, *Oryx* regularly publishes reviews, forum sections and letters, and every issue includes comprehensive reporting of international conservation news.

Price information

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

Free email alerts

Keep up-to-date with new material – sign up at
<http://journals.cambridge.org/orx-alerts>



Oryx

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

To subscribe contact Customer Services

in Cambridge:

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

in New York:

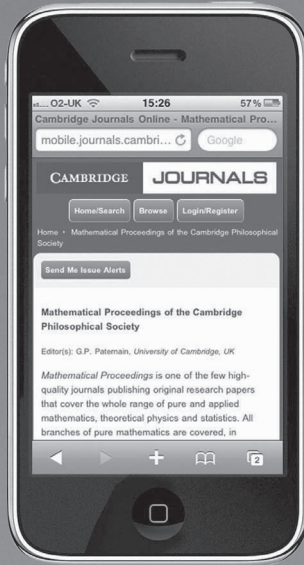
Phone +1 (845) 353 7500
Fax +1 (845) 353 4141
Email
subscriptions_newyork@cambridge.org

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



CAMBRIDGE
UNIVERSITY PRESS

Cambridge Journals Collections



Over 280 leading titles online

As Complete Collection, HSS or STM

Via Cambridge Journals Online (CJO) or CJO Mobile (CJOm)

Please email: jnlsales@cambridge.org for further info



CONTENTS

Interaction between distant taxa in the use of tree cavities in African ecosystems: a study using nest-boxes
José P. Veiga, Wanyoike Wamiti, Vicente Polo & Muchane Muchai 187

The influence of the invasive weed *Lantana camara* on elephant habitat use in Mudumalai Tiger Reserve, southern India
Gaius Wilson, Ajay A. Desai, Dalice A. Sim & Wayne L. Linklater 199

Changes in pollinator assemblages following hurricanes affect the mating system of *Laguncularia racemosa* (Combretaceae) in Florida, USA
Carol L. Landry 209

Leaf physiological response to light environment of three tree fern species in a Mexican cloud forest
K. Riaño & O. Briones 217

Spatial and temporal variation in community composition of herbivorous insects on *Neoboutonia macrocalyx* in a primary tropical rain forest
Kaisa Heimonen, Jeremiah S. Lwanga, Marko Mutanen, Tommi Nyman & Heikki Roininen 229

Is the São Francisco River a geographic barrier to gene flow in trees of *Handroanthus ochraceus*?
Patrícia de Abreu Moreira & G. Wilson Fernandes 243

Short Communications

Kleptoparasitism in the endemic gecko *Phelsuma inexpectata*: pollen theft from foraging honeybees on Réunion
Johanna Clémencet, Cyril Aubert, Doriane Blottière & Mickaël Sanchez 251

How do habitat and climate variation affect phenology of the Amazonian palm, *Mauritia flexuosa*?
Roxaneh Khorsand Rosa, Reinaldo Imbrozio Barbosa & Suzanne Koptur 255

Activity patterns of the water opossum *Chironectes minimus* in Atlantic Forest rivers of south-eastern Brazil
Melina de Souza Leite, Thiago Lopes Queiroz, Maron Galliez, Patrícia Pinto de Mendonça & Fernando A. S. Fernandez 261

Do Melastomataceae perform CAM photosynthesis? A survey of neotropical species using carbon isotope ratios
Gilberto Ocampo & Frank Almeda 265

Population structure and canopy use by *Coussapoa microcarpa*, a strangler hemiepiphyte from the Brazilian Atlantic Forest
Luís Francisco Mello Coelho & Marco Aurélio Pizo 271

Journal of Tropical Ecology now accepts submissions via Manuscript Central.
 Go to <http://mc.manuscriptcentral.com/jte>

Cambridge Journals Online
 For further information about this journal
 please go to the journal website at:
journals.cambridge.org/tro



MIX
 Paper from
 responsible sources
 FSC® C018575

CAMBRIDGE
 UNIVERSITY PRESS