

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

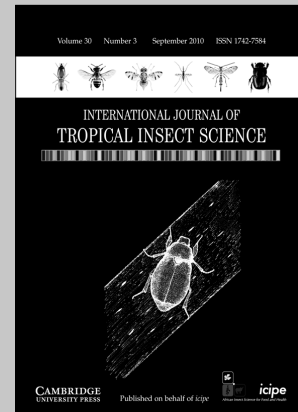
*International Journal of Tropical Insect Science* is the only journal devoted exclusively to the latest research in tropical and sub-tropical insect science. Each issue brings you original, peer-reviewed research findings on tropical insects and related arthropods, with special emphasis on their environmentally 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](mailto:journals@cambridge.org)

### in New York:

Phone +1 (845) 353 7500  
Fax +1 (845) 353 4141  
Email  
[subscriptions\\_newyork@cambridge.org](mailto:subscriptions_newyork@cambridge.org)

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



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](mailto:journals@cambridge.org)

**in New York:**

Phone +1 (845) 353 7500  
Fax +1 (845) 353 4141  
Email  
[subscriptions\\_newyork@cambridge.org](mailto:subscriptions_newyork@cambridge.org)

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



CAMBRIDGE  
UNIVERSITY PRESS

CAMBRIDGE

JOURNALS

# Environmental Conservation

International Journal of Interdisciplinary Environmental Science

Published for the Foundation for Environmental Conservation

## Editor

Nicholas V. C. Polunin, University of Newcastle, UK

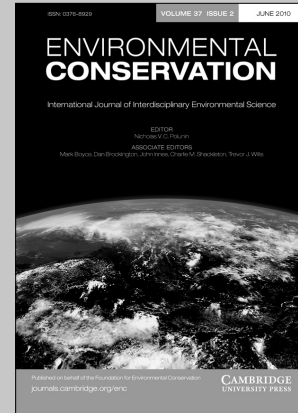
*Environmental Conservation* is one of the longest-standing, most highly-cited of the interdisciplinary environmental science journals. It includes research papers, reports, comments, subject reviews, and book reviews addressing environmental policy, practice, and natural and social science of environmental concern at the global level, informed by rigorous local level case studies. The journal's scope is very broad, including issues in human institutions, ecosystem change, resource utilisation, terrestrial biomes, aquatic systems, and coastal and land use management. *Environmental Conservation* is essential reading for all environmentalists, managers, consultants, agency workers and scientists wishing to keep abreast of current developments in environmental science. Selected papers are made freely available online as part of **EC Perspectives**.

## Price information

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

## Free email alerts

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



*Environmental Conservation*  
is available online at:  
<http://journals.cambridge.org/enc>

## To subscribe contact Customer Services

### in Cambridge:

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

### in New York:

Phone +1 (845) 353 7500  
Fax +1 (845) 353 4141  
Email  
[subscriptions\\_newyork@cambridge.org](mailto:subscriptions_newyork@cambridge.org)

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



CAMBRIDGE  
UNIVERSITY PRESS

CAMBRIDGE

JOURNALS

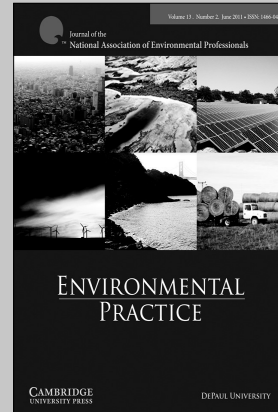
# Environmental Practice

Published for the National Association of Environmental Professionals

## Editor

Tim Stretton, *Saint Mary's University, Canada*

*Environmental Practice* provides a multidisciplinary forum for authoritative discussion and analysis of issues of wide interest to the international community of environmental professionals, with the intent of developing innovative solutions to environmental problems for public policy implementation, professional practice, or both. Peer-reviewed original research papers, environmental reviews, and commentaries, along with news articles and points of view, link findings in science and technology with issues of public policy, health, environmental quality, law, political economy, management, and the appropriate standards for expertise.



## *Environmental Practice*

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

## To subscribe contact Customer Services

### in Cambridge:

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

### in New York:

Phone +1 (845) 353 7500  
Fax +1 (845) 353 4141  
Email  
[subscriptions\\_newyork@cambridge.org](mailto:subscriptions_newyork@cambridge.org)

## Free email alerts

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

[journals.cambridge.org/register](http://journals.cambridge.org/register)

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



CAMBRIDGE  
UNIVERSITY PRESS

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.

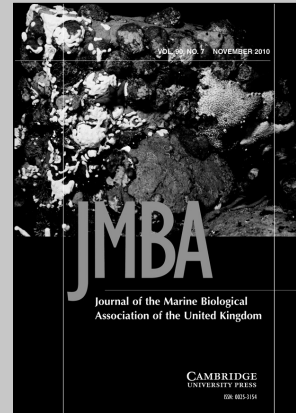
## Price information

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](mailto:journals@cambridge.org)

### in New York:

Phone +1 (845) 353 7500

Fax +1 (845) 353 4141

Email

[subscriptions\\_newyork@cambridge.org](mailto:subscriptions_newyork@cambridge.org)

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



CAMBRIDGE  
UNIVERSITY PRESS

CAMBRIDGE

JOURNALS

# Knowledge is no longer shelved

The *Cambridge Journals Digital Archive* contains more than 160 journals, more than 3 million pages and more than 8 million linked references. Knowledge is now more visible and more searchable than ever.



[journals.cambridge.org/archives](http://journals.cambridge.org/archives)



CAMBRIDGE  
UNIVERSITY PRESS



# JOURNAL OF tropical ecology

## INSTRUCTIONS FOR AUTHORS

Potential contributors are advised that careful attention to the details below will greatly assist the Editor and thus speed the processing of their manuscripts. Poorly prepared manuscripts will be returned to authors.

### Submission

All manuscripts must be submitted online via the website:

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

Detailed instructions for submitting your manuscript online can be found at the submission website by clicking on the 'Instructions and Forms' link in the top right of the screen; and then clicking on the 'Author Submission Instructions' icon on the following page.

The Editor will acknowledge receipt of the manuscript, provide it with a manuscript reference number and assign it to reviewers. The reference number of the manuscript should be quoted in all correspondence with JTE Office and Publisher.

The submission of a manuscript will be taken to imply that the material is original, and that no similar paper has been published or is currently submitted for publication elsewhere. Papers are first inspected for suitability by the Editor or a Board member. Those suitable papers are then critically reviewed by usually two or three expert persons. On their advice the Editor provisionally accepts, or rejects, the paper. If acceptance is indicated the manuscript is usually returned to the author for revision. In some cases a resubmission is invited and on receipt of the new version the paper will be sent to a third referee. If the author does not return the revised or resubmitted version within six months the paper will be classified as rejected. Final acceptance is made when the manuscript has been satisfactorily revised.

### Preparation of the manuscript

Authors are strongly advised to consult a recent issue of the JTE to acquaint themselves with the general layout of articles. Manuscripts should be neatly typewritten on A4 paper i.e. 21 cm × 30 cm. Double sided copy is permissible for review purposes, but final submission for publication must be on one side of the paper only. Double spacing must be used throughout, allowing wide margins (about 3 cm) on all sides. Main text pages should be numbered.

When a revised ms is being returned the author is requested to send a copy of the final version on computer disk (Apple Macintosh or IBM compatible PC) together with the hard copy typescript, giving details of the wordprocessing software used (e.g. Microsoft Word, Word or Word Perfect). However, the publisher reserves the right to typeset material by conventional means if an author's disk proves unsatisfactory.

A paper should be prepared using the following format:

Page 1. *Title page.* This should contain (a) the full title, preferably of less than 20 words and usually containing the geographical location of the study; (b) a running title of not more than 48 letters and spaces; (c) a list of up to 10 key words in alphabetical order suitable for international retrieval systems; (d) the full name of each author and their current affiliation; (e) the name of the institution in which the work was carried out; and (f) the present email and postal address of the author to whom proofs should be sent.

Page 2. *Abstract.* This should be a single paragraph, in passive mode, no more than 200 words long, a concise summary of the paper intelligible on its own in conjunction with the title, without abbreviations or references.

Page 3. *et seq.* The main body of the text may contain the following sections in the sequence indicated:

Discussion, (e) Acknowledgements, (f) Literature Cited, (g) Appendices, (h) Tables, (i) Legends to Figures. An extra section between (a) and (b) for Study Site or Study Species might be necessary.

Main headings should be in capital type and ranged left; sub-headings should be ranged left. A *Short Communication* has a title and keywords but no abstract (except what is entered in Manuscript Central) or section headings until Acknowledgements and item Literature Cited.

*Acknowledgements* should be brief. *Notes* should be avoided if at all possible; any notes will be printed at the end of the paper and not as footnotes.

*Scientific names.* The complete Latin name (genus, species and authority) must be given in full for every organism when first mentioned in the text unless a standard reference is available which can be cited. Authorities might alternatively appear in Tables where they are first used.

*Units of measurement.* Measurements must be in metric units; if not, metric equivalents must also be given. The minus index ( $m^{-1}$ ,  $mm^{-3}$ ) should be used except where the unit is an object, e.g. 'per tree', not 'tree<sup>-1</sup>'. Use  $d^{-1}$ ,  $mo^{-1}$  and  $y^{-1}$  for per day, per month and per year.

*Abbreviations.* In general, abbreviations should be avoided. Numbers one to nine should be spelled out and number 10 onwards given in figures. Dates should follow the sequence day-month-year, e.g. 1 January 1997. The 24-hour clock should be used, e.g. 16h15.

*Online supplementary material*

Supplementary material is not copy edited or typeset but loaded onto CJO exactly as supplied. Supplementary material must be submitted at the same time as the article and must be clearly marked to distinguish it from the main article text.

Authors should ensure that they mention within their article that supplementary material is available on CJO.

### Language

All papers should be written in English, and spelling should generally follow *The Concise Oxford Dictionary of Current English*. Abstracts in other languages will be printed if the author so desires together with an abstract in English. All abstracts must be provided by the author.

### Literature cited

References to literature in the text should conform to the 'name-and-date' system: e.g. Fleming (1982); (Goh & Sasekumar 1980); Montgomery *et al.* (1981). If a number of references are cited at one place in the text, they should be arranged alphabetically and not chronologically. In the reference list citations should take the forms given below. References with two or more authors should be arranged first alphabetically then chronologically. The names of cited journals should be given in full. Certain foreign language citations may be translated into English, and this should always be done where the English alphabet is not used (e.g. Chinese, Russian, Thai).

FLEMING, T. H. 1982. Foraging strategies of plant-visiting bats. Pp. 287–325 in Kunz, T. H. (ed.). *Ecology of bats*. Plenum Press, New York. 425 pp.

GOH, A. H. & SASEKUMAR, A. 1980. The community structure of the fringing coral reef, Cape Rachado. *Malayan Nature Journal* 34:25–27.

MONTGOMERY, G. G., BEST, R. C. & YAMAKOSHI, M. 1981. A radio-tracking study of the American manatee *Trichechus inunguis* (Mammalia: Sirenia). *Biotropica* 13:81–85.

WHITMORE, T. C. 1984. *Tropical rain forests of the Far East*. (second edition). Oxford University Press, Oxford. 352 pp.

Use the following as contractions in text: 'pers. obs.', 'pers. comm.'; but 'unpubl. data', 'in press'. Authors should double-check that all references in the text correspond exactly to those in the Literature Cited section.

### Tables and figures

Tables should be typed, together with their titles, on separate pages. Column headings should be brief, with units of measurement in parentheses. Vertical lines should not be used to separate columns. Avoid presenting tables that are too large to be printed across the page; table width must not exceed 80 characters, including spaces between words, figures and columns. Each table should be numbered consecutively with arabic numerals. The author should indicate in the text where tables and figures are to be inserted; all tables and figures must be mentioned in the text.

Authors should ensure that all figures, whether line drawings or photographs, clarify or reduce the length of the text. The preferred graphics package is Freehand, but many others may be accepted. Please indicate file format and graphics software used for originating artwork files. Typefaces should be restricted to Monotype, Adobe and Bitstream font libraries. High resolution figures should be supplied as TIFF or EPS files, but never as Postscript files. Line drawings should be scanned at 1200 dpi and use only conventional Postscript files. Halftones to be scanned at 600 dpi with the preset dot range from 1–96%. If you wish to compress the files use lossless compression package software such as the LZW compression package.

### Proofs

When pdf proofs are received they should be corrected carefully and returned to the publisher without delay. Errors remaining in these first proofs after the author has checked them are the author's responsibility. Any further editorial changes, apart from minor grammatical and syntactical improvements, will be communicated to the author before second proofs are prepared. Ensure that the editorial office knows of changes in your address.

### Offprints

Upon publication the corresponding author will automatically receive a pdf of their article from Cambridge University Press. Authors will be offered the opportunity to order paper offprints by using the form supplied at proof stage.

### Copyright

Authors of articles published in the journal assign copyright to Cambridge University Press (with certain rights reserved) and you will receive a copyright assignment form for signature on acceptance of your paper. Authors receiving requests for permission to reproduce their work should contact Cambridge University Press for advice.

### Business correspondence

Correspondence concerning offprints, copyright, back numbers, advertising and sales to libraries should be addressed to the publishers: Journals Department, Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 8RU, UK or Cambridge University Press, 32 Avenue of the Americas, New York, NY 10013–2473 USA.

CONTENTS

Long-term dynamics of organic matter and elements exported as coarse particulates from two Caribbean montane watersheds  
**T. Heartsill Scalley, F. N. Scatena, S. Moya & A. E. Lugo** 127

Leaf nutritional quality as a predictor of primate biomass: further evidence of an ecological anomaly within prosimian communities in Madagascar  
**B. Simmen, L. Tarnaud & A. Hladik** 141

Food selection in the black howler monkey following habitat disturbance: implications for the importance of mature leaves  
**A. M. Behie & M. S. M. Pavelka** 153

Coping with herbivory at the juvenile stage: responses to defoliation and stem browsing in the African savanna tree *Colophospermum mopane*  
**D. C. Hartnett, J. P. Ott, K. Sebes & M. K. Dithogo** 161

Salinity constrains size inequality and allometry in two contrasting mangrove habitats in the Gulf of Mexico  
**R. Méndez-Alonzo, H. Hernández-Trejo & J. López-Portillo** 171

Isotopic evidence for seed transfer from successional areas into forests by short-tailed fruit bats (*Carollia* spp.; Phyllostomidae)  
**C. C. Voigt, S. L. Voigt-Heucke & A. S. Kretzschmar** 181

Importance of shade trees (*Grevillea robusta*) in the dispersal of forest tree species in managed tea plantations of southern Western Ghats, India  
**H. C. Chetana & T. Ganesh** 187

Stem characteristics and ant body size in a Costa Rican rain forest  
**S. P. Yanoviak, C. Silveri, C. A. Hamm & M. Solis** 199

Dependence on sunbird pollination for fruit set in three West African montane mistletoe species  
**K. A. Weston, H. M. Chapman, D. Kelly & E. V. Moltchanova** 205

Divergence in morphology, but not habitat use, despite low genetic differentiation among insular populations of the lizard *Anolis lemurinus* in Honduras  
**M. L. Logan, C. E. Montgomery, S. M. Boback, R. N. Reed & J. A. Campbell** 215

*Short Communications*

Dispersal and predation of *Eschweilera ovata* seeds in the Atlantic Forest of Southern Bahia, Brazil  
**F. de Souza Vilela, K. M. Flesher & M. Ramalho** 223

The role of the elephant (*Loxodonta africana*) and the tree squirrel (*Paraxerus cepap*) in marula (*Sclerocarya birrea*) seed predation, dispersal and germination  
**J. J. Midgley, K. Gallaheer & L. M. Kruger** 227

*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](http://journals.cambridge.org/tro)



MIX  
 Paper from  
 responsible sources  
 FSC® C018127

CAMBRIDGE  
 UNIVERSITY PRESS