

**Volume 86 No. 1**  
**March 2012**  
**ISSN 0022-149X**

# **Journal of Helminthology**

**CAMBRIDGE**  
**UNIVERSITY PRESS**

# JOURNAL of HELMINTHOLOGY

## Aims and Scope

*Journal of Helminthology* provides an international vehicle for the publication of original papers and review articles on all aspects of pure and applied helminthology, particularly those helminth parasites of environmental health, medical or veterinary importance. Research papers on helminths in wildlife hosts including plant and insect parasites will also be welcome. Taxonomic contributions will be acceptable if they contribute to the systematics of a group and particularly if they employ biochemical or molecular biological techniques.

*Journal of Helminthology* is published quarterly by Cambridge University Press and is available on the internet at [journals.cambridge.org/jhl](http://journals.cambridge.org/jhl)

## Editor-in-Chief

Professor John Lewis

Royal Holloway, University of London, UK

Tel: +44 (0)1784 443182 Fax: +44 (0)1784 470756 Email: [j.w.lewis@rhul.ac.uk](mailto:j.w.lewis@rhul.ac.uk)

## Editorial Board

- |   |  |
|---|--|
| Prof. Jerzy M. Behnke, <i>University of Nottingham, UK</i>                    | Prof. Aaron G. Maule, <i>The Queen's University of Belfast, UK</i>                         |
| Prof. Janine Caira, <i>University of Connecticut, USA</i>                     | Prof. Don P. McManus, <i>Queensland Institute of Medical Research, Brisbane, Australia</i> |
| Prof. Philip S. Craig, <i>University of Salford, UK</i>                       | Prof. Robert Poulin, <i>University of Otago, New Zealand</i>                               |
| Prof. Eileen Devaney, <i>University of Glasgow, UK</i>                        | Dr David Rollinson, <i>The Natural History Museum, London, UK</i>                          |
| Prof. John Gilleard, <i>University of Calgary, Canada</i>                     | Prof. Bernd Sures, <i>University of Duisberg-Essen, Germany</i>                            |
| Dr Ryan Hechinger, <i>University of California, Santa Barbara, USA</i>        | Dr David P. Thompson, <i>Pharmacia &amp; Upjohn Inc., USA</i>                              |
| Prof. George Hillyer, <i>University of Puerto Rico, San Juan, Puerto Rico</i> | Prof. R.C. Andrew Thompson, <i>Murdoch University, Perth, Australia</i>                    |
| Prof. Celia V. Holland, <i>Trinity College, University of Dublin, Ireland</i> | Prof. Jozef Verercruysse, <i>University of Gent, Belgium</i>                               |
| Prof. Peter J. Hudson, <i>Penn State University, USA</i>                      | Dr Victor Vidal Martinez, <i>Cinvestav-IPN, Merida, Mexico</i>                             |
| Prof. Eric S. Loker, <i>University of New Mexico, USA</i>                     |  |
| Prof. Rick Maizels, <i>University of Edinburgh, UK</i>                        |  |
| Prof. Richard J. Martin, <i>Iowa State University, Ames, USA</i>              |  |
| Prof. Santiago Mas-Coma, <i>University of Valencia, Spain</i>                 |  |

© Cambridge University Press 2012  
Published by Cambridge University Press  
Cambridge CB2 8RU  
Cover image supplied by D.J. Hunt, CABI Bioscience

This journal issue has been printed on FSC-certified paper and cover board. FSC is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests. Please see [www.fsc.org](http://www.fsc.org) for information.