

# **Journal of Helminthology**

Volume 84 2010

ISSN: 0022-149X

journals.cambridge.org/jhl

**Publishing, Production, Marketing, and Subscription Sales Office:**  
Cambridge University Press  
The Edinburgh Building  
Shaftesbury Road  
Cambridge CB2 8RU  
UK

**For Customers in North America:**  
Cambridge University Press  
Journals Fulfillment Dept  
100 Brook Hill Drive  
West Nyack  
New York 10994-2133  
USA

**Editorial Assistant:** Katherine Cameron

*Journal of Helminthology* is an international journal published quarterly by Cambridge University Press in March, June, September and December.

#### **Special sales and supplements:**

This journal accepts advertising and inserts. We also provide bulk reprints of suitable papers to meet teaching or promotional requirements. The journal also publishes abstracts and proceedings on behalf of academic and corporate sponsors. Please contact The Publisher at [special\\_sales@cambridge.org](mailto:special_sales@cambridge.org).

#### **Subscription information:**

The subscription rates for Volume 84, 2010 (4 issues):	
Internet/Print package:	£510/\$982 Americas only
Internet only:	£411/\$805 Americas only
Print only:	£479/\$936 Americas only

Any **supplements** to this journal published in the course of the annual volume are normally supplied to subscribers at no extra charge.

**Back volumes** are available. Please contact Cambridge University Press for further information.

**Claims** for non-receipt of journal issues will be considered on their merit and only if the claim is received within six months of publication. Replacement copies supplied after this date will be chargeable.

**US POSTMASTERS:** please send address corrections to CUP Cambridge.

#### **Information for Authors:**

An electronic version, preferably in Microsoft Word, should be submitted online at <http://www.editorialmanager.com/joh>

**Notes for Authors** are available from the journal home page: <http://journals.cambridge.org/jhl>.

**Offprints:** Authors will receive a PDF of their article via email.

**Copyright:** CUP, 2010. All rights reserved: permission for reproduction of any part of the journal (text, figures, tables or other matter) in any form (on paper, microfiche or electronically) should be sought directly from the Publisher, or a licence permitting restricted copying obtained from the Copyright Licensing Agency, Tottenham Court Road, London W1P 9HE, UK, or in the USA by the Central Clearance Center, 27 Congress Street, Salem MA 01970.

**Disclaimer:** The information contained herein, including any expression of opinion and any projection or forecast, has been obtained from or is based upon sources believed by us to be reliable, but is not guaranteed as to accuracy or completeness. The information is supplied without obligation and on the understanding that any person who acts upon it or otherwise changes his/her position in reliance thereon does so entirely at his/her own risk.

Cambridge University Press does not accept responsibility for any trade advertisement included in this publication.

This journal is printed on acid-free paper from renewable sources. Typeset by the OKS Prepress Services, India and printed by Latimer Trend, Devon, UK.

*Journal of Helminthology* is covered in Current Contents®/  
Agriculture, Biology & Environmental Sciences, SciSearch®,  
Research Alert®, BIOSIS, CAB ABSTRACTS, Index  
Medicus® (MEDLINE®), Chemical Abstracts Service  
Excerpta Medica

# Journal of Helminthology

<p><b>Valdivia, I.M., Cardenas, L., Gonzalez, K., Jofré, D., George-Nascimento, M., Guiñez, R. &amp; Oliva, M.E.</b> Molecular evidence confirms that <i>Proctoeces humboldti</i> and <i>Proctoeces chilensis</i> (Digenea: Fellodistomidae) are the same species ..... 341</p> <p><b>Mati, V.L.T., Freitas, R.M.C. &amp; Melo, A.L.</b> Effects of pentoxifylline during <i>Schistosoma mansoni</i> infection in Swiss mice: an analysis of worm burden, fecundity and liver histopathology ..... 348</p> <p><b>Mavenyengwa, M., Mukaratirwa, S. &amp; Monrad, J.</b> Influence of <i>Calicophoron microboithrium</i> amphistomosis on the biochemical and blood cell counts of cattle ..... 355</p> <p><b>Fermer, J., Culloty, S.C., Kelly, T.C. &amp; O'Riordan, R.M.</b> Temporal variation of <i>Meiogymnophallus minutus</i> infections in the first and second intermediate host ..... 362</p> <p><b>Mukaratirwa, S., Pillay, E. &amp; Munsammy, K.</b> Experimental infection of selected arthropods with spirurid nematodes <i>Spirocera lopi</i> Railliet &amp; Henry, 1911 and <i>Gongylonema ingluvicola</i> Molin, 1857 ..... 369</p> <p><b>Imkongwapang, R. &amp; Tandon, V.</b> <i>Neoriojatrema mokokchungensis</i> n. g., n. sp. (Monogenea: Polystomatidae: Polystomatinae) from the urinary bladder of a megophryid frog, <i>Xenophrys glandulosa</i>, in Nagaland, north-eastern India ..... 375</p> <p><b>Averbuj, A. &amp; Cremonte, F.</b> Parasitic castration of <i>Buccinanops cochlidium</i> (Gastropoda: Nassariidae) caused by a lepocreadiid digenean in San José Gulf, Argentina ..... 381</p> <p><b>Fernandez, C., Chikweto, A., Mofya, S., Lanum, L., Flynn, P., Burnett, J.P., Doherty, D. &amp; Sharma, R.N.</b> A serological study of <i>Dirofilaria immitis</i> in feral cats in Grenada, West Indies ..... 390</p> <p><b>Pan, D., Bera, A.K., De, S., Bandyopadhyay, S., Das, S.K., Manna, B., Sreevatsava, V. &amp; Bhattacharya, D.</b> Relative expression of the 14-3-3 gene in different morphotypes of cysts of <i>Echinococcus granulosus</i> isolated from the Indian buffalo ..... 394</p> <p><b>Kagira, J.M., Maingi, N., Kanyari, P.W.N., Githigia, S.M., Ng'ang'a, J.C. &amp; Gachohi, J.M.</b> Seroprevalence of <i>Cysticercus cellulosae</i> and associated risk factors in free-range pigs in Kenya ..... 398</p> <p><b>Kania, P.W., Taraschewski, H., Han, Y.-S., Cone, D.K. &amp; Buchmann, K.</b> Divergence between Asian, European and Canadian populations of the monogenean <i>Pseudodactylogyrus bini</i> indicated by ribosomal DNA patterns ..... 404</p> <p><b>Janova, E., Skoric, M., Heroldova, M., Tenora, E., Fictum, P. &amp; Pavlik, I.</b> Determinants of the prevalence of <i>Heligmosomum costellatum</i> (Heligmosomidae: Trichostrongyoidea) in a common vole population in southern Moravia, Czech Republic ..... 410</p> <p><b>Szafrańska, E., Wasielewski, O. &amp; Bereszyński, A.</b> A faecal analysis of helminth infections in wild and captive wolves, <i>Canis lupus</i> L., in Poland ..... 415</p> <p><b>Muñoz-Antoli, C., Marín, A., Treliš, M., Toledo, R. &amp; Esteban, J.-G.</b> Sympatric and allopatric experimental infections of the planorbid snail <i>Gyraulus chinensis</i> with miracidia of <i>Euparyphium albuferensis</i> (Trematoda: Echinostomatidae) ..... 420</p> <p><b>Masler, E.P.</b> In vitro comparison of protease activities in preparations from free-living (<i>Panagrellus redivivus</i>) and plant-parasitic (<i>Meloidogyne incognita</i>) nematodes using FMRFa and FMRFa-like peptides as substrates ..... 425</p> <p><b>Suzuki, J., Murata, R., Sadamasu, K. &amp; Araki, J.</b> Detection and identification of <i>Diphyllobothrium nihonkaiense</i> plerocercoids from wild Pacific salmon (<i>Oncorhynchus</i> spp.) in Japan ..... 434</p> <p><b>Assana, E., Amadou, F., Thys, E., Lightowers, M.W., Zoli, A.P., Dorny, P. &amp; Geerts, S.</b> Pig-farming systems and porcine cysticercosis in the north of Cameroon ..... 441</p>	
---	--