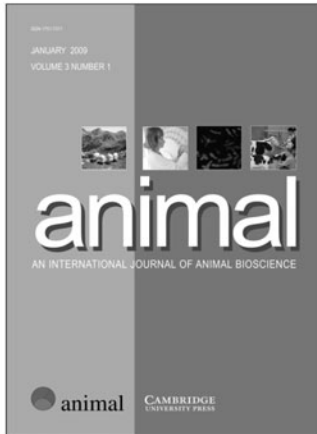


CAMBRIDGE

JOURNALS



animal

Published for The Animal Consortium
(www.animal-journal.eu)

animal

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

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

Editor-in-Chief

Michel Doreau, INRA, France

animal publishes original cutting-edge research, 'hot' topics and horizon-scanning reviews on animal-related aspects of the life sciences at the molecular, cellular, organ, whole animal and production system levels. The main subject areas include: breeding and genetics; nutrition; physiology and functional biology of systems; behaviour, health and welfare; farming systems, environmental impact and climate change; product quality, human health and well-being.

Price information is available at:
<http://journals.cambridge.org/anm>

Free email alerts

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

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



**CAMBRIDGE
UNIVERSITY PRESS**

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.

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

Igreja, R.P., Gusmão, M.F., Barreto, M.G.M., Paulino, M.T., da Silva, J.F., Seck, O.K., Gonçalves, M.M.L. & Soares, M.S. A 15-year follow-up study on schistosomiasis in a low-endemic area in Rio de Janeiro State, Brazil.....	229
Dziekońska-Rynko, J., Rokicki, J. & Gomułka, P. Development of larval <i>Contraecaecum rudolphii</i> Hartwich, 1964 (Ascaridida: Anisakidae) in experimentally infected goldfish (<i>Carassius auratus</i> L., 1758)	234
Pan, D., Bera, A.K., Bandyopadhyay, S., Das, S.K., Bandyopadhyay, S., Bhattacharyya, S., Manna, B., De, S. & Bhattacharya, D. Relative expression of antigen B coding gene of bubaline isolates of <i>Echinococcus granulosus</i> in fertile and sterile cysts	241
Dewi, K. & Zhang, L. Two new species of spiruroid nematodes in birds from Kangean Island, Indonesia	245
Johnston, M.J.G., McVeigh, P., McMaster, S., Fleming, C.C. & Maule, A.G. FMRamide-like peptides in root knot nematodes and their potential role in nematode physiology	253
Simões, R., Gentile, R., Rademaker, V., D'Andrea, P., Herrera, H., Freitas, T., Lanfredi, R. & Maldonado, A., Jr Variation in the helminth community structure of <i>Thrichomys pachyurus</i> (Rodentia: Echimyidae) in two sub-regions of the Brazilian Pantanal: the effects of land use and seasonality	266
Cerutti, M.C., Citterio, C.V., Bazzocchi, C., Epis, S., D'Amelio, S., Ferrari, N. & Lanfranchi, P. Genetic variability of <i>Haemonchus contortus</i> (Nematoda: Trichostrongyloidea) in alpine ruminant host species.....	276
Paes, J.V.K., Carvalho, E.D., & da Silva, R.J. Infection levels of <i>Austrodiplostomum compactum</i> (Digenea, Diplostomidae) metacercariae in <i>Plagioscion squamosissimus</i> (Teleostei, Sciaenidae) from the Nova Avanhandava reservoir, São Paulo State, Brazil.....	284
Barrella, T.H., dos Santos, K.R. & da Silva, R.J. <i>Rhabdias filicaudalis</i> n. sp. (Nematoda: Rhabdiasidae) from the snake <i>Spilotes pullatus</i> (Serpentes: Colubridae) in Brazil.....	292
Ivanova, E.S. & Spiridonov, S.E. <i>Angiostoma glandicola</i> sp. n. (Nematoda: Angiostomatidae): a parasite in the land snail <i>Megaustenia</i> sp. from the Cat Tien Forest, Vietnam.....	297
Machado-Silva, J.R., Neves, R.H. & Rodrigues-Silva, R. Do schistosomes grow old? A confocal laser scanning microscopy study	305
Lux Hoppe, E.G., Araújo de Lima, R.C., Tebaldi, J.H. & Nascimento, A.A. <i>Pterygodermatites (Multipectines) pluripectinata</i> n. sp. (Spirurida: Rictulariidae), a nematode parasite of the crab-eating fox <i>Cerdocyon thous</i> (Linnaeus, 1766) from Caatinga shrubland, Brazil	312
Morley, N.J., Adam, M.E. & Lewis, J.W. The effects of host size and temperature on the emergence of <i>Echinoparyphium recurvatum</i> cercariae from <i>Lymnaea peregra</i> under natural light conditions	317
Kolářová, L., Hořák, P. & Skírnisson, K. Methodical approaches in the identification of areas with a potential risk of infection by bird schistosomes causing cercarial dermatitis.....	327
Letter to the Editor	
Marucci, G., La Rosa, G. & Pozio, E. Incorrect sequencing and taxon misidentification: an example in the <i>Trichinella</i> genus.....	336

Cambridge Journals Online

For further information about this journal please go to the journal web site at: journals.cambridge.org/jhl



Mixed Sources

Product group from well-managed forests and other controlled sources
www.fsc.org Cert no. SGS-COC-005493
© 1996 Forest Stewardship Council

CAMBRIDGE
UNIVERSITY PRESS