Parasitology

Back volumes. Vols. 1–71: Inquiries should be addressed to Wm. Dawson & Sons Ltd, Cannon House, Folkestone, Kent. Vols. 72 onwards: quotations for parts still in print may be obtained from Cambridge or the American Branch of Cambridge University Press.

Copying. This journal is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, USA. Organizations in the USA who are also registered with C.C.C. may therefore copy material (beyond the limits permitted by sections 107 and 108 of US copyright law) subject to payment to C.C.C. of the per-copy fee of \$16.00. This consent does not extend to multiple copying for promotional or commercial purposes. Code 0031–1820/2011 \$16.00.

Organizations authorized by the Copyright Licensing Agency may also copy material subject to the usual conditions.

ISI Tear Sheet Service. 3501 Market Street, Philadelphia, Pennsylvania 19104, USA, is authorized to supply single copies of separate articles for private use only.

For all other use, permission should be sought from Cambridge or the American Branch of Cambridge University Press.

Claims for missing issues can only be considered if made immediately after receipt of the subsequent issue.

Advertising. Details of advertising in Parasitology may be obtained from the publisher.

Online submission. Authors are encouraged to submit their manuscripts online. Go to http://mc.manuscriptcentral.com/par/ to open an author's account for Parasitology. Manuscript Central is helping to improve the speed of the publication process for the journal.

Front Cover illustration: *Trypanosoma copemani* from the gut region and bloodmeal of a tick collected from a quokka. From Austen *et al.* Vol. 138(7) pp. 866–872.

© Cambridge University Press 2011

The Edinburgh Building, Cambridge CB2 8RU, United Kingdom 32 Avenue of The Americas, New York, NY 10013-2473, USA 477 Williamstown Road, Port Melbourne, VIC 3207, Australia C/ Orense, 4, Planta 13 28020 Madrid, Spain Lower Ground Floor, Nautica Building, The Water Club, Beach Road, Granger Bay, 8005 Cape Town, South Africa

Printed in the United Kingdom at the University Press, Cambridge

PARASITOLOGY

CONTENTS

REVIEW ARTICLE Eradication and control of livestock ticks: biological, economic and social perspectives		Differential virulence in songbird nestlings Dieter J. A. Heylen and
Alan R. Walker	945	Host-parasite interacti Hideyuki Doi and Natalia
RESEARCH ARTICLES CrATP interferes in the promastigote-macrophage interaction in <i>Leishmania amazonensis</i> infection V. Ennes-Vidal, R. O. S. Castro, C. Britto, H. Barrabin, C. M. D'Avila-Levy and O. C. Moreira	960	Environmental constra African parasite in a ne temperature on egg de R. C. Tinsley, J. E. York, S. J. Chapple and M. C
Geographical and host distribution patterns of Parvicapsula minibicornis (Myxozoa) small subunit ribosomal RNA genetic types Stephen D. Atkinson, Simon R. M. Jones, Robert D. Adlard and Jerri L. Bartholomew	969	Environmental constra African parasite in a not temperature on develor R. C. Tinsley, J. E. York, S. J. Chapple and M. C
Population genetics of <i>Schistosoma haematobium:</i> development of novel microsatellite markers and their application to schistosomiasis control in Mali C. M. Gower, A. F. Gabrielli, M. Sacko, R. Dembelé, R. Golan, A. M. Emery, D. Rollinson and J. P. Webster	978	Strongyloides ratti: tra from the small intestin into the colon of naive and the effect of antio parasitism
Immuno-enzymatic evaluation of the recombinant TSSA-II protein of <i>Trypanosoma cruzi</i> in dogs and human sera:		Y. Shintoku, H. Takagi, 1 M. Itoh, S. Honda and E
a tool for epidemiological studies R. O. Cimino, M. Monje Rumi, P. Ragone, J. Lauthier, A. Alberti D'Amato, I. R. López Quiroga, J. F. Gil, S. P. Cajal, N. Acosta, M. Juárez, A. Krolewiecki, V. Orellana, R. Zacca, I. Marcipar, P. Diosque and J. R. Nasser	995	Site selection of <i>Acam</i> Chondracanthidae) in Pleuronectidae) F. I. Cavaleiro and M. J.
Dynamics of Sept4 expression in fibrotic livers of mice infected with <i>Schistosoma japonicum</i> Y. N. Duan, H. Y. Qian, Y. W. Qin, D. D. Zhu, X. X. He, Q. Zhou, Y. N. Yang, J. Bao, J. R. Feng, W. Sun and J. L. Chen	1003	

Differential virulence in two congeneric ticks infesting songbird nestlings Dieter J. A. Heylen and Erik Matthysen	1011
Host-parasite interactions and global climate oscillations Hideyuki Doi and Natalia I. Yurlova	1022
Environmental constraints influencing survival of an African parasite in a north temperate habitat: effects of temperature on egg development R. C. Tinsley, J. E. York, A. L. E. Everard, L. C. Stott, S. J. Chapple and M. C. Tinsley	1029
Environmental constraints influencing survival of an African parasite in a north temperate habitat: effects of temperature on development within the host R. C. Tinsley, J. E. York, L. C. Stott, A. L. E. Everard, S. J. Chapple and M. C. Tinsley	1039
Strongyloides ratti: transplantation of adults recovered from the small intestine at different days after infection into the colon of naive and infection-primed Wistar rats, and the effect of antioxidant treatment on large intestinal parasitism Y. Shintoku, H. Takagi, T. Kadosaka, F. Nagaoka, S. Kondo, M. Itoh, S. Honda and E. Kimura	1053
Site selection of <i>Acanthochondria comuta</i> (Copepoda: Chondracanthidae) in <i>Platichthys flesus</i> (Teleostei: Pleuronectidae)	
F. I. Cavaleiro and M. J. Santos	1061



