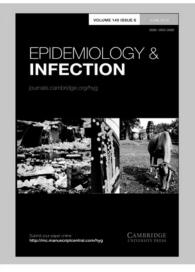
JOURNALS

Epidemiology and Infection

Editor-in-Chief

Norman Noah, London School of Hygiene and Tropical Medicine, UK

Epidemiology and Infection publishes original reports and



Epidemiology and Infection is available online at: http://journals.cambridge.org/hyg

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

reviews on all aspects of infection in humans and animals. Particular emphasis is given to the epidemiology, prevention and control of infectious diseases. The field covered is broad and includes the zoonoses, tropical infections, food hygiene, vaccine studies, statistics and the clinical, social and public health aspects of infectious disease. Papers covering microbiology and immunology, which have an epidemiological relevance, are part of this broad field. Papers come from medical and veterinary scientists worldwide. It has become the key periodical in which to find the latest reports on recently discovered infections and new technology. For those concerned with policy and planning for the control of infections, the papers on mathematical modelling of epidemics caused by historical, current and emergent infections, will be of particular value.

Price information

is available at: http://journals.cambridge.org/hyg

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/hyg



JOURNALS

Journal of Helminthology

Editor

John Lewis, Royal Holloway, University of London, UK

Journal of Helminthology publishes 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, are also published along with taxonomic papers contributing to the systematics of a group. The journal will be of interest to academics and researchers involved in the fields of human and veterinary parasitology, public health, microbiology, ecology, epidemiology and biochemistry.

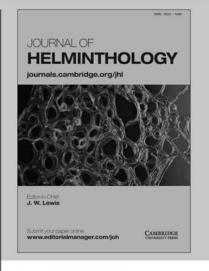
Price information

is available at: http://journals.cambridge.org/jhl

Free email alerts

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

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



Journal of Helminthology is available online at: http://journals.cambridge.org/jhl

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



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 0031–1820/2015 \$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: Fishing vessels at the Mar del Plata port, Argentina (photographer Rodrigo Cáceres). Capsules of *Didymocystis wedli* on the gills of Pacific bluefin tuna, *Thunnus orientalis* (Ogawa, K., in this issue). Sealworm, *Pseudoterranova decipiens* in the fillet of an Atlantic cod, *Gadus morhua* (Marcogliese D. and Jacobson K., in this issue). Cages with farmed Atlantic cod on the west coast of Norway (photographer Ken MacKenzie).

© Cambridge University Press 2015

University Printing House, Cambridge CB2 8BS, 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 UK by Bell & Bain

PARASITOLOGY

CONTENTS

PREFACE Parasites in fisheries and mariculture J. T. Timi and K. MacKenzie	1	A review of parasite studies of commercially important marine fishes in sub-Saharan Africa Cecile C. Reed	109
FISHERIES Marine parasites as biological tags in South American Atlantic waters, current status and perspectives D. M. P. Cantatore and J. T. Timi	5	Are cryptic species a problem for parasitological biological tagging for stock identification of aquatic organisms? Rodney A. Bray and Thomas H. Cribb	125
Fish population studies using parasites from the Southeastern Pacific Ocean: considering host population		How have fisheries affected parasite communities? Chelsea L. Wood and Kevin D. Lafferty	134
changes and species body size as sources of variability of parasite communities Mario George-Nascimento and Marcelo Oliva	25	Parasites as biological tags of fish stocks: a meta-analysis of their discriminatory power Robert Poulin and Tsukushi Kamiya	145
Parasites as valuable stock markers for fisheries in Australasia, East Asia and the Pacific Islands R. J. G. Lester and B. R. Moore	36	Incorporating parasite data in population structure studies of South African sardine <i>Sardinops sagax</i> Carl David van der Lingen, Laura Frances Weston,	
Parasites as biological tags in marine fisheries research:		Nurudean Norman Ssempa and Cecile Catharine Reed	156
European Atlantic Waters K. MacKenzie and W. Hemmingsen	54	MARICULTURE Impact and control of protozoan parasites in	
Parasites as biological tags of marine, freshwater and anadromous fishes in North America from the tropics to the Arctic		maricultured fishes Kurt Buchmann	168
David J. Marcogliese and Kym C. Jacobson	68	Diseases of cultured marine fishes caused by Platyhelminthes (Monogenea, Digenea, Cestoda)	
Integrating <i>Anisakis</i> spp. parasites data and host genetic structure in the frame of a holistic approach for stock identification of selected Mediterranean Sea fish species S. Mattiucci, R. Cimmaruta, P. Cipriani, P. Abaunza, B. Bellisario and G. Nascetti		K. Ogawa	178
	90	Economic costs of protistan and metazoan parasites to global mariculture A. P. Shinn, J. Pratoomyot, J. E. Bron, G. Paladini, E. E. Brooker and A. J. Brooker	196

Cambridge Journals Online For further information about this journal please go to the journal website at: journals.cambridge.org/par



MIX Paper from responsible sources FSC[®] C007785

