

PARASITOLOGY

CONTENTS

REVIEW ARTICLES

Towards the comprehension of fasciolosis (re-)emergence: an integrative overview

Annia Alba, Antonio A. Vazquez and Sylvie Hurtrez-Boussès 385

Efficacy of halofuginone products to prevent or treat cryptosporidiosis in bovine calves: a systematic review and meta-analyses

Julii Brainard, Charlotte C. Hammer, Paul R. Hunter, Frank Katzer, Georgina Hurle and Kevin Tyler 408

RESEARCH ARTICLES

Diagnostic comparison of stool exam and point-of-care circulating cathodic antigen (POC-CCA) test for schistosomiasis mansoni diagnosis in a high endemicity area in northeastern Brazil

Danielle de Freitas Bezerra, Marta Cristhiany Cunha Pinheiro, Luciene Barbosa, Agostinho Gonçalves Viana, Ricardo Toshio Fujiwara and Fernando Schemelzer de Moraes Bezerra 420

The Kubic FLOTAC microscope (KFM): a new compact digital microscope for helminth egg counts

Giuseppe Cringoli, Alessandra Amadesi, Maria Paola Maurelli, Biase Celano, Gabriele Plantadosi, Antonio Bosco, Lavinia Ciuca, Mario Cesarelli, Paolo Bifulco, Antonio Montresor and Laura Rinaldi 427

Crithidia bombi can infect two solitary bee species while host survivorship depends on diet

Laura L. Figueroa, Cali Grincavitch and Scott H. McArt 435

Transmission networks and ectoparasite mite burdens in *Oecomys paricola* (Rodentia: Cricetidae)

Fernanda Rodrigues Fernandes, Somayra da Silva Abreu and Leonardo Dominici Cruz 443

Long-term trends in helminth infections of wood mice (*Apodemus sylvaticus*) from the vicinity of Malham Tarn in North Yorkshire, England

Jerzy M. Behnke, Michael T. Rogan, Philip S. Craig, Joseph A. Jackson and Geoff Hide 451

Early immune responses and parasite tissue distribution in mice experimentally infected with oocysts of either archetypal or non-archetypal genotypes of *Toxoplasma gondii*

Daniela P. Chiebao, Paul M. Bartley, Francesca Chianini, Lauren E. Black, Alison Burrells, Hilda F. J. Pena, Rodrigo M. Soares, Elisabeth A. Innes and Frank Katzer 464

Effect of environmental factors on survival and population growth of ciliated parasite, *Mesanophrys* sp. (Ciliophora: Scuticociliatia) infecting *Portunus trituberculatus*

Summia Perveen, Yuhua Lei, Fei Yin and Chunlin Wang 477

Effects of first intermediate host density, host size and salinity on trematode infections in mussels of the south-western Baltic Sea

Claudia Bommarito, David W. Thieltges, Christian Pansch, Francisco R. Barboza, Fabio Pranovi and Martin Wahl 486

Molecular characterization of *Polychromophilus* parasites of *Scotophilus kuhlii* bats in Thailand

Chatree Chumnandee, Nawarat Pha-obnga, Oskar Werb, Kai Matuschewski and Juliane Schaer 495

Giardia intestinalis can interact, change its shape and internalize large particles and microorganisms

Marlene Benchimol 500