

PARASITOLOGY

CONTENTS

RESEARCH ARTICLES

F-actin distribution and function during sexual development in *Eimeria maxima*

Sonja Frölich and Michael Wallach 855

Development of a strategy for the identification of surface proteins in the pathogenic microsporidian *Nosema bombycis*

Weixi Zhao, Youjin Hao, Linglin Wang, Zeyang Zhou and Zhi Li 865

Different protein of *Echinococcus granulosus* stimulates dendritic induced immune response

Yana Wang, Qiang Wang, Shiyu Lv and Shengxiang Zhang 879

Ecology of malaria infections in western lowland gorillas inhabiting Dzanga Sangha Protected Areas, Central African Republic

Mwanahamisi I. Mapua, Moneeb A. Qablan, Kateřina Pomajbíková, Klára J. Petrželková, Zuzana Hůzová, Jana Rádová, Jan Votýpka, Angélique Todd, Milan Jirků, Fabian H. Leendertz, Julius Lukeš, Cecile Neel and David Modrý 890

Ectoparasites and endoparasites of fish form networks with different structures

S. Bellay, E. F. de Oliveira, M. Almeida-Neto, M. A. R. Mello, R. M. Takemoto and J. L. Luque 901

Evaluation of an anti-parasitic compound extracted from *Streptomyces* sp. HL-2-14 against fish parasite *Ichthyophthirius multifiliis*

Yun-Hang Gao, Xiao-Feng Shan, Yuan-Huan Kang, Yu-Xuan Sheng, Long Chen, Wei Wang and Hong-Xia Ma 910

Occurrence of *Giardia* and *Cryptosporidium* in wild birds in Galicia (Northwest Spain)

Aurora Reboredo-Fernández, Elvira Ares-Mazás, Simone M. Cacciò and Hipólito Gómez-Couso 917

Infection ecology of *Philometra ovata* (Nematoda: Philometridae) in a wild European minnow (*Phoxinus phoxinus*) population in Finland

Yi-Te Lai, Jouni Taskinen, Jukka Kekäläinen and Raine Kortet 926

Environment-related and host-related factors affecting the occurrence of lice on rodents in Central Europe

Michal Stanko, Jana Fričová, Dana Miklišová, Irina S. Khokhlova and Boris R. Krasnov 938

Genetic characterization of *Toxoplasma gondii* isolates from Portugal, Austria and Israel reveals higher genetic variability within the type II lineage

S. K. Verma, D. Ajzenberg, A. Rivera-Sanchez, C. Su and J. P. Dubey 948

Differences between chimpanzee and baboon gastrointestinal parasite communities

M. A. Ebbert, W. C. McGrew and L. F. Marchant 958

The European eel may tolerate multiple infections at a low biological cost

Elvira Mayo-Hernández, Emmanuel Serrano, Jose Peñalver, Alfonsa García-Ayala, Rocío Ruiz de Ybáñez and Pilar Muñoz 968

4-Nitrobenzaldehyde thiosemicarbazone: a new compound derived from S-(-)-limonene that induces mitochondrial alterations in epimastigotes and trypomastigotes of *Trypanosoma cruzi*

Elizandra Aparecida Britta, Débora Botura Scariot, Hugo Falzirolli, Cleuza Conceição da Silva, Tânia Uedanakamura, Benedito Prado Dias Filho, Redouane Borsali and Celso Vataru Nakamura 978

Host genetic influences on the anthelmintic efficacy of papaya-derived cysteine proteinases in mice

Wenceslaus Luoga, Fadlul Mansur, Gillian Stepek, Ann Lowe, Ian R. Duce, David J. Buttle and Jerzy M. Behnke 989