

PARASITOLOGY

CONTENTS

REVIEW ARTICLE

- The emergence of macrocyclic lactone resistance in the canine heartworm, *Dirofilaria immitis*
 Adrian J. Wolstenholme, Christopher C. Evans,
 Pablo D. Jimenez and Andrew R. Moorhead

1249

Burden of major diarrhoeagenic protozoan parasitic co-infection among amoebic dysentery cases from North East India: a case report

Joyobrato Nath, Gulzar Hussain, Baby Singha,
 Jaishree Paul and Sankar Kumar Ghosh

1318

RESEARCH ARTICLES

- Host demographic predicts ectoparasite dynamics for a colonial host during pre-hibernation mating
 Quinn M. R. Webber, Zenon J. Czenze and Craig K. R. Willis

1260

- Comparison of coprological, immunological and molecular methods for the detection of dogs infected with *Angiostrongylus vasorum* before and after anthelmintic treatment

M. Schnyder, R. Jefferies, A. Schucan, E. R. Morgan and P. Deplazes

1270

- Molecular phylogeny of anoplocephalid tapeworms (Cestoda: Anoplocephalidae) infecting humans and non-human primates

Jana Doležalová, Peter Vallo, Klára J. Petrželková, Ivona Foitová, Wisnu Nurcahyo, Antoine Mudakikwa, Chie Hashimoto, Milan Jirků, Julius Lukeš, Tomáš Scholz and David Modrý

1278

- Early-life temperature modifies adult encapsulation response in an invasive ectoparasite

Sirpa Kaunisto, Laura Härkönen, Markus J. Rantala and Raine Kortet

1290

- Comparative recruitment, morphology and reproduction of a generalist trematode, *Dicrocoelium dendriticum*, in three species of host

Melissa A. Beck, Cameron P. Goater and Douglas D. Colwell

1297

- Asynchrony in host and parasite phenology may decrease disease risk in livestock under climate warming: *Nematodirus battus* in lambs as a case study

Owen J. Gethings, Hannah Rose, Siân Mitchell, Jan Van Dijk and Eric R. Morgan

1306

Effects of *Toxocara* larvae on brain cell survival by *in vitro* model assessment

Lea Heuer, Sabine Haendel, Andreas Beineke and Christina Strube

1326

Phage-fused epitopes from *Leishmania infantum* used as immunogenic vaccines confer partial protection against *Leishmania amazonensis* infection

Lourena Emanuele Costa, Miguel Angel Chávez-Fumagalli, Vivian Tamietti Martins, Mariana Costa Duarte, Daniela Pagliara Lage, Mayara I. S. Lima, Nathália Cristina De Jesus Pereira, Manuel Soto, Carlos Alberto Pereira Tavares, Luiz Ricardo Goulart and Eduardo Antonio Ferraz Coelho

1335

BOOK REVIEW

Parasitism: The Diversity and Ecology of Animal Parasites, 2nd edn. By Timothy M. Goater, Cameron P. Goater and Gerald W. Esch, (eds.)

Geoff Hide

1348

CORRIGENDUM

Imidazole-containing phthalazine derivatives inhibit Fe-SOD performance in *Leishmania* species and are active *in vitro* against visceral and mucosal leishmaniasis - CORRIGENDUM

M. Sánchez-Moreno, F. Gómez-Contreras, P. Navarro, C. Marín, I. Ramírez-Macías, M. J. Rosales, L. Campayo, C. Cano, A. M. Sanz and M. J. R. Yunta

1350