



**48th Annual Conference
of the Parasitological
Society of Southern Africa**

15-17 September 2019
Hotel Safari, Windhoek, Namibia




'The mystery of the host-parasite association/interactions'

PROGRAMME

Sunday 15 September 2019		
16h00	Registration Opens	
18h00	Welcome Reception - Foyer of the Safari Court Conference Centre	
Day 1 - Monday 16 September 2019		
07h30	Registration Opens	
Plenary 1 <i>Chair: S. Matthee</i>		
Time	Title	
08h00	Welcome & Opening <i>Prof. J.K.E. Mfunze, University of Namibia and Prof. K. Matengu, University of Namibia</i>	
08h30	Keynote: Drivers of aquatic parasite diversity: the complex interaction of hosts, parasites and ecosystems <i>Prof. W. Luus-Powell, University of Limpopo</i>	
Session 1 - Freshwater fish parasites <i>Chair: A. Kolo</i>		
Time	Title	Speaker
09h00	Determination of metallothioneins in <i>Lamproglana clariae</i> infecting <i>Clarias gariepinus</i> from Vaal River System, South Africa	J. Ndaba
09h15	Identification of an unidentified <i>Spinitectus</i> Fourment, 1883 collected from <i>Clarias gariepinus</i> (Burchell, 1822), in the Vaal River system, South Africa	L. Austin
09h30	The effects of water hardness on the rate of parasitic infestations on fishes collected from the Supersands Dam, South Africa	E.B.M. Moema
09h45	Trojan horses in South Africa: introduction of invasive fish and the distribution of their cestode parasites	Q.M. Dos Santos
10h00	Trophic position is a lot like real estate, it's all about location, location, location, as shown by stable isotopes in a fish host – parasite system	B.M. Gilbert
10h15	Mid-morning Refreshment Break & Posters - Omatoko 2 (Safari Court Conference Centre)	
Session 2 - Freshwater and marine fish parasites <i>Chair: Q.M. dos Santos</i>		
10h45	The infection statistics of <i>Trypanosoma</i> sp. in the African sharptooth catfish (<i>Clarias gariepinus</i>) collected along the Vaal River, South Africa, in correlation to water quality	M.M. Pretorius
11h00	Diversity of parasites from different fish species at Loskop dam	N.N. Shakwane
11h15	Relationship between host body size and sex, and mean abundance of three gill monogeneans (<i>Calceostoma</i> spp., <i>Sciaenacotyle</i> sp. and <i>Diplectanum</i> spp.) of silver kob (<i>Argyrosomus inodorus</i>) (actinopterygii; sciaenidae), Northern Namibia	A.M. Amakali
11h30	Conservation of ancient relationships – elasmobranchs and parasites	B.C. Schaeffner
11h45	Notes on some lernaepodids (siphonostomatoida: Copepoda) collected from elasmobranchs off South Africa	S.M. Dippenaar
12h00	Mediterranean Gobiids: small hosts and their Gyrodactylid parasites	I. Přikrylová
12h15	<i>Prosorhynchoides</i> sp. (Trematoda: Bucephalidae): an exceptional trematode in monkfish, <i>Lophius vomerinus</i> sampled off Cape Town, South Africa	P.H. King
12h30	Lunch - Akasia Restaurant (Safari Court Hotel)	

Session 3 - Ectoparasites		
Chair: N. Nyangiwe and S. Matthee		
Time	Title	Speaker
13h30	The effect of biotic and abiotic factors on the distribution of ixodid ticks on cattle in the Eastern Cape Province, South Africa	N. Nyangiwe
13h45	Genetic Diversity of <i>Amblyomma hebraeum</i> and <i>Rickettsia</i> spp. in the Eastern Cape, South Africa	A. Pillay
14h00	Ecological preferences and seasonal dynamics of ticks (Acari: Ixodidae) on and off bovine hosts in the Eastern Cape Province, South Africa	M. Yawa
14h15	Phylogenetic distance between hosts and parasite performance: is the close relatedness to the principal host better?	B.R. Krasnov
14h30	The energetic costs of tick infestation in four-toed sengis (<i>Petrodromus tetradactylus</i>)	H. Lutermann
14h45	The abundance, composition and barcoding of Tabanidae within Kruger National Park and their role in the transmission of pathogens	A. Smit
15h00	Species diversity of small mammals and the prevalence and intensity of infestation of the associated fleas (Siphonaptera) across an altitudinal gradient along the Ugab River, Namibia	A.I. Frans
15h15	Mid-afternoon Refreshment Break & Posters - Omatako 2 (Safari Court Conference Centre)	
Session 4 - Micro- and macroparasites		
Chairs: M. Chaisi and S. Matthee		
15h45	A survey of captive penguins for avian haemosporidiosis	M. Chaisi
16h00	Diversity of avian Haemosporidian parasites in the lowveld region of South Africa	M.B. Wardjomto
16h15	Association of gametocyte profile and socio-demographic factors with malaria burden at Chipulukusu Clinic in Ndola, Zambia	N.M. Shimaponda-Mataa
16h30	Genetic diversity of <i>Entamoeba</i> spp based on the analysis of the 18SrRNA gene	A. Samie
16h45	Characterization of the bacterial blood microbiome of dogs and cattle in the Mnisi community, Mpumalanga, South Africa	A.O. Kolo
17h00	Geographic variation in the body size of ectoparasites on rodents	S. Matthee
17h30	PARSA Annual General Meeting	
18h30	Free Time	
19h00	Dinner - Welwitschia Restaurant, Hotel Safari	

Day 2 - Tuesday 17 September 2019		
07h30	Registration Opens	
Plenary 2		
Chair: A. Spickett		
Time	Title	Speaker
08h00	Announcements/housekeeping <i>Prof. J.K.E. Mfune, University of Namibia</i>	
08h15	Keynote: My research experiences with selected zoonotic parasites endemic in southern Africa <i>Prof. S. Mukaratirwa, University of KwaZulu-Natal</i>	
Session 5 - Microparasites		
Chair: J.K.E. Mfune		
Time	Title	Speaker
08h45	Assessment of resistance of indigenous Nguni cattle to African animal trypanosomosis primary – challenge	A.A. Latif
09h00	In vitro and in vivo evaluation trypanocidal efficacy of curcumin and curcumin nanoparticle on animal trypanosomes	N.I. Molefe
09h15	Identification and genotyping of predicted host cell phenotype modulators in <i>Theileria parva</i>	N. Komani
09h30	Can we build a genetic trap for drug resistant malaria parasites?	G.I. McFadden
09h45	Prevalence of rodent haemoprotozoan infections in the Lowveld region of South Africa	G.T. Moloro
10h00	Investigating <i>Rickettsia africae</i> infection in <i>Amblyomma hebraeum</i> ticks in Mnisi, Bushbuckridge Municipality, South Africa	E. Mazhetese

Time	Title	Speaker
10h15	Mid-morning Refreshment Break & Posters - Omatako 2 (Safari Court Conference Centre)	
Session 6 - Diagnostics, tools and taxonomy Chair: T. Sibanda		
10h45	First molecular detection and identification of <i>Abbreviata kazachstanica</i> isolated from roadkill European glass lizard, <i>Pseudopus apodus</i> in northern Iran	A. Vafae Eslahi
11h00	Next generation sequencing Technologies in public health laboratories: a case study of a national outbreak of listeriosis caused by ready-to-eat processed meat products, South Africa, 2017-2018	Z.T.H. Khumalo
11h15	Novel arenavirus isolates from Namaqua rock mice, Namibia, Southern Africa	J.M.P. Musuuu
11h30	Validation of multiplex <i>Ehrlichia ranis</i> , <i>Babesia rossi</i> and <i>Babesia vogeli</i> real time PCR assay	N.F. Nkosi
11h45	Phenotypic and genotypic screening for acaride resistance in Ixodid ticks from Southern Zambia	S. Chitanga
12h00	Molecular detection and genetic characterization of <i>Rickettsia</i> species in ticks collected from southern Zambia	S. Chitanga
12h15	Forensic entomology research and application in Southern Africa: a systematic review	D. Tembe
12h30	Lunch - Akasia Restaurant (Safari Court Hotel)	
Session 7 - Helminthology Chair: A. Halajian		
13h30	Gastrointestinal helminth assemblages of the common warthog, <i>Phacochoerus africanus</i> , in KwaZulu-Natal Province, South Africa	K. Junker
13h45	Farmers' perceptions on the incidence of gastro-intestinal parasites in sheep in the Eastern Cape, South Africa	M.S. Jansen
14h00	Host-parasite-vector interactions and elucidation of an Amphibian Filarial Nematode life cycle	E.C. Netherlands
14h15	Larval Stages of Trematodes associated with snails from Lake Victoria, Kenya	J.O. Outa
14h30	Species and site contributions to beta diversity of gastro-intestinal nematodes and cestodes in <i>Rhabdomys dilectus</i> and <i>Rhabdomys pumilio</i>	A. Spickett
14h45	Population genetic structure of <i>Haemonchus contortus</i> in Limpopo Province, South Africa: a preliminary study	M. Mphahlele
15h00	Mid-afternoon Refreshment Break & Posters - Omatako 2 (Safari Court Conference Centre)	
Session 8 - Fish parasites Chair: R. Block		
15h30	Exploring the diversity of <i>Diplostomum</i> (Digenea: Diplostomoidea) in freshwater fishes in South Africa	C. Hoogendoorn
15h45	An update on the taxonomy of freshwater gastropods and their complete trematode fauna in Lake Kariba, Zimbabwe	K.C. Muzarabani
16h00	Parasite Fauna of Nile Perch <i>Lates niloticus</i> , Nile Tilapia <i>Oreochromis niloticus</i> and <i>Haplochromis</i> spp. from Lake Victoria Kenya	J.O. Outa
16h15	New geographical distribution record, scanning electron (SEM) and phylogenetic analyses of <i>Glossidium pedatum</i> and <i>Orientocreadium batrachoides</i>	J.C. Dumbo
16h30	A fluke discovery – digeneans of <i>Clinus superciliosus</i> from the coast of South Africa	A. Vermaak
16h45	Scanning electron microscopy and molecular analysis of male <i>Lamproglana monodi</i> (Copepoda: Lernaevidae) infesting <i>Oreochromis niloticus</i> (Pisces: Cichlidae) in Kenya	N.M. Rindoria
17h00	Free Time	
19h00	Gala Dinner & Prize Giving - Omatako 4 (Safari Court Conference Centre)	