

UNIVERSITY OF PRETORIA  
DEPARTMENT OF ZOOLOGY & ENTOMOLOGY

**PUBLICATION LIST – 2012**

**BOOKS, CHAPTERS IN BOOKS AND CONFERENCE PROCEEDINGS**

1. Brigham, R.M., McKechnie, A.E., Doucette, L.I. & Geiser, F. 2012. Heterothermy in caprimulgid birds: review of inter- and intraspecific variation in free-ranging populations. In: *Living in a seasonal world: thermoregulatory and metabolic adaptation*. Eds Ruf, T., Bieber, C., Arnold, W. & Millesi, E. Springer, Heidelberg, pp 175-187.
2. Caron, A., de Garine-Wichatitsky, M. & Morand, S. 2012. Using the community of pathogens to infer inter-specific host epidemiological interactions at the wildlife/domestic interface. In: *New Frontiers of Molecular Epidemiology of Infectious Diseases*. Eds S. Morand, F. Beaudreau & J. Cabaret.
3. Caron, A., de Garine-Wichatitsky, M. & Morand, S. 2012. Epidemiological interaction at the wildlife/livestock/human interface: can we anticipate emerging infectious diseases in their hotspots: A framework for building emerging diseases processes in their hotspots. *New Frontiers of Molecular Epidemiology of Infectious Diseases* **14**, 311-332.
4. Ferguson, K., Adam, L. & Jori, F. 2012. An adaptive monitoring programme for studying impacts along the western boundary fence of Kruger National Park, South Africa. In: *Fencing for Conservation: Restriction of Evolutionary Potential or a Riposte to Threatening Processes*: Eds Somers, M.J. & Hayward, M.W. 1<sup>st</sup> Edition, Springer, pp 105-123.
5. Geoghegan, C. 2012. Pathogens, Parks and People. The role of bovine tuberculosis in South African conservation. Chapter 29 in *New Directions in Conservation Medicine*. Pp 423-438. Eds AA Aguirre, RS Ostfeld & P Daszak. Oxford University Press.
6. Hurley, B., Croft, P., Verleur, M., Wingfield, M. & Slippers, B. 2012. The control of the *Sirex* woodwasp in diverse environments: The South African experience. In: *The Sirex woodwasp and its fungal symbiont*. Eds Slippers, B., De Groot, P. & Wingfield, M.J. pp 247-264. Springer Science and Business.
7. Kalwij, J.M., Robertson, M.P. & van Rensburg, B.J. 2012. Rapid colonization by annual alien plants of a high montane roadside in the Drakensberg, South Africa. In: 38<sup>th</sup> Annual Congress of the South African Association of Botanists, Pretoria, South Africa, 15-18 January 2012. pp 191-192.
8. Lindsey, P.A., Masterson, C.L., Beck, A.L. & Stehanie Romanach. 2012. Ecological, social and financial issues related to fencing as a conservation tool in Africa. Chapter 12 in *Fencing for conservation: Restriction of Evolutionary Potential or a Riposte to Threatening Processes?* Pp 215-234. Eds M.J. Somers & M.W. Hayward. Springer Publishers.

9. Somers, M., Gusset, M., & Dalerum, F. 2012. Modelling the effect of fences on the viability of spatially structured populations of African wild dogs. Chapter 10 in *Fencing for conservation: Restriction of Evolutionary Potential or a Riposte to Threatening Processes?* Eds Somers, M & Hayward, M., pp 187-196. Springer Publishers.
10. Towner, A., Smale, M. & Jewell, O. 2012. Boat-strike wound healing in *Carcharodon carcharias*. In: *Global Perspectives on the Biology and Life History of the White Shark*. Ed. Domeier, M.L. Chapter 6, pp 1-4.
11. Cohn, A.S., Eitzel, M.V., Fiorella, K.J., Geoghegan, C., Gupta, A.C., Kelley, L.C. & Seto, K.L. 2012. Interdisciplinary environmental studies: A primer by Gunilla Öberg. *The Quarterly Review of Biology* **87**(3), 247-248.

## JOURNAL ARTICLES

1. Abu Samra, N., Thomson, P.N., Jori, F.J., Zhang, H. & Xiao, L. 2012. *Enteroctozoon bienensei* at the wildlife/livestock interface of the Kruger National Park, South Africa. *Veterinary Parasitology* **190**(3-4), 587-590.
2. Ahlers, M.J., Ganswindt, A., Münscher, S. & Bertschinger, H.J. 2012. Fecal 20-oxo-pregnane concentrations in free-ranging African elephants (*Loxodonta africana*) treated with porcine zone pellucid vaccine. *Theriogenology* **78**, 77-85.
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load fully explain the differences in infection prevalence of *Rattus rattus* and *R. norvegicus*?  
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