UNIVERSITY OF PRETORIA
DEPARTMENT OF ZOOLOGY & ENTOMOLOGY

PUBLICATION LIST
2022

BOOKS, BOOK CHAPTERS AND PROCEEDINGS

1. Bastos, A.D.S. & Boinas, F. 2022. *Ornithodoros* tick vectors and African swine fever (Chapter 58). In: *Climate, Ticks and Disease*, Nuttall, P. (Ed.), CABI International, Oxfordshire, UK, pp. 405-412.
2. Begg, C.M., Begg, K.S., San, E.D.L., du Toit, J.T. & Mills, M.G. 2022. Interactions between honey badgers and other predators in the southern Kalahari: Intraguild predation and facilitation (Chapter 17). In: *Small Carnivores: Evolution, Ecology, Behaviour and Conservation*, Do Linh San, E., Sato, J. J., Belant, J. L. & Somers, M.J. (eds), Wiley Blackwell, Oxford, UK, pp.323-346. https://doi.org/10.1002/9781118943274.ch17.
3. Do Linh San, E., Sato, J.J., Belant, J.L. & Somers, M.J. 2022. Small Carnivores: Evolution, Ecology, Behaviour, and Conservation, Wiley-Blackwell, Oxford, UK. 624 pp. 627. ISBN: 978-1-118-94328-1. www.wiley.com/go/eula to access Wiley's ebook EULA.
4. Do Linh San, E., Sato, J.J., Belant, J.L., & Somers, M.J. 2022. The world's small carnivores: Definitions, Richness, distribution, conservation status, ecological roles and research efforts (Chapter 1). In: *Small Carnivores: Evolution, Ecology, Behaviour and Conservation*, Do Linh San, E., Sato, J. J., Belant, J. L. & Somers, M.J. (eds), Wiley Blackwell, Oxford, UK, pp.3-38. https://doi.org/10.1002/9781118943274.ch1.
5. Isaacs, L., Somers, M. J. & Swanepoel, L. 2022. Density of African civets in a moist mountain bushveld region of South Africa (Chapter 12). In: *Small Carnivores: Evolution, Ecology, Behaviour and Conservation*, Do Linh San, E., Sato, J. J., Belant, J. L. & Somers, M.J. (eds), Wiley Blackwell, Oxford, UK, pp. 249-258. https://doi.org/10.1002/9781118943274.ch12.
6. McKechnie, A. 2022. Regulation of body temperature. In: *Sturkie's Avian Physiology* (7th edition), Chapter 45, pp 1211-1244. https://doi.org/10.1016/B978-0-12-819770-7.00025-6.
7. Machekano, H., Mpofu, P. & Nyamukondiwa, C. 2022. Cold tolerance of stored product beetles; implications on low temperature-based commodity disinfestation. In: (Agusti, N., Castane, C. & Riudavets, J. (Eds)). *IOBC-WPRS Bulletin, 159: Integrated Protection of Stored Products*. Proceedings of the 13th Meeting of the Integrated Protection of Stored Products, 03-06 October, 2022, Barcelona, Spain, pp. 288-294 (ISBN: 978-92-9067-345-3).
8. Mpofu, P., Machekano, H., & Nyamukondiwa, C. 2022. Parental acclimation reduces offspring thermal fitness in the postharvest insect species, *Sitotroga cerealella* (Olivier). In: (Agusti, N., Castane, C. & Riudavets, J. (eds). *IOBC-WPRS Bulletin, 159: Integrated Protection of Stored Products*. Proceedings of the 13th Meeting of the Integrated Protection of Stored Products, 03-06 October, 2022, Barcelona, Spain, pp 55-58 (ISBN: 978-92-9067-345-3).
9. Netherer, S. & Hammerbacher, A. 2022. The Eurasian spruce bark beetle in a warming climate: Phenology, behavior, and biotic interactions. In *Bark Beetle Management, Ecology,*

and Climate Change. Academic Press, pp 89-131. https://doi.org/10.1016/B978-0-12-822145-7.00011-8.

10. Sauther M.L. & Cuozzo, F.P. 2022. Lemuridae: Lemur Catta, ring-Tailed lemur, Maky, hira. In: *The New Natural History of madagascar*. Princeton University Press, pp. 1952-1956. https://about.jstor.org/terms.

EDITORIALS

1. Ben Said, M., Diaz Sanchez, S., Bastos, A. & Silaghi, C. 2022. Current knowledge on pathogenic and endosymbiotic tick-borne bacteria. *Frontiers in Veterinary Science*, 9, 900510, 1-2. doi:10.3389/fvets.2022.900510.
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3. du Toit, J.T., Hetem, R.S. & Dearing, M.D. 2022. Mammalian responses to climate change: From organisms to communities (Editorial). *Frontiers in Ecology and Evolution*, 10, 1023587, 1-3. doi:10.3389/fevo.2022.1023587.
4. Nimmo, D.G., Andersen, A.N., Archibald, S., Boer, M.M., Brotons, L., Parr, C.L. & Tingley, M.W. 2022. Fire ecology for the 21st century: Conserving biodiversity in the age of megafire. *Diversity and Distributions*, 28(3), 350-356. doi:10.1111/ddi.13482.
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ARTICLES

1. Abraham, A.J., Webster, A.B., Jordaan, J., Prys-Jones, T.O., Ganswindt, A., De Jager, P. & Doughty, C.E. 2022. Hyaenas play unique ecosystem role by recycling key nutrients in bones. *African Journal of Ecology,* 60, 81-86. doi:10.1111/aje.12907.
2. Adlam, A.L., Chimimba, C.T., Hugo Retief D.C. & Woodborne, S. 2022. Modelling water temperature in the lower Olifant River and the implications for climate change. *South African Journal of Science*, 18(7/8), 12953, 1-6. doi:10.17159/sajs.2022/12953.
3. Agbessenou, A., Komivi, S.A., Yusuf, A.A. & Khamis, F. 2022. The endophyte *Trichoderma asperellum* M2RT4 induces the systemic release of methyl salicylate and (*Z*)-jasmone in tomato plant affecting host location and herbivory of *Tuta absoluta. Frontiers in Plant Science,* 13, 860309, 1-16. doi: 10.3389/fpls.2022.860309.
4. Agha, S.B., Tchouassi, D.P., Turell, M.J., Bastos, A.D.S. & Sang, R. 2022. Risk assessment of urban yellow fever virus transmission in Kenya: Is *Aedes aegypti* an efficient vector? *Emerging Microbes & Infections,* 11(1), 1272-1280. doi:10.1080/22221751.2022.2063762.
5. Ayelo, P.M., Mohamed, S.A., Chailleux, A., Yusuf, A.A., Pirk, C.W.W. & Deletre, E. 2022. The parasitoid *Dolichogenidea gelechiidivoris* eavesdrops on semiochemicals from its host *Tuta absoluta* and tomato. *Journal of Pest Science*, 95(4), 633-652. doi:10.1007/s10340-021-01424-w.
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12. Bégay, V., Cirovic, B., Barker, A.J., Klopfleisch, R., Hart, D.W., Bennett, N.C. & Lewin, G.R. 2022. Immune competence and spleen size scale with colony status in the naked mole-rat. *Open Biology,* 12, 210292, 646-674. doi:10.1098/rsob.210292.
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Lavrenchenko, L.A., Lee, A., Levitt, J.B., Lewin, G.R., Lewis Hardell, K.N., Lin, T.D., Mason, M.J., McCloskey, D., McMahon, M., Miura, K., Mogi, K., Narayan, V., O'Connor, T.P., Okanoya, K., O'Riain, M.J., Park, T.J., Place, N.J., Podshivalova, K., Pamenter, M.E., Pyott, S.J., Reznick, J., Ruby, J.G., Salmon, A.B., Santos-Sacchi, J., Sarko, D.K., Seluanov, A., Shepard, A., Smith, M., Storey, K.B., Tian, X., Vice, E.N., Viltard, M., Watarai, A., Wywial, E., Yamakawa, M., Zemlemerova, E.D., Zions, M. and Smith, E.S.J. 2022. The naked truth: A comprehensive clarification and classification of current 'myths' in naked mole-rat biology. *Biological Reviews*, 97, 115-140. doi:10.1111/brv.12791**.**

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34. Conradie, W., Keates, C., Verburgt, L., Baptista, N.L., Harvey, J., Júlio, T. & Neef, G. 2022. Contributions to the herpetofauna of the Angolan Okavango-Cuando-Zambezi River drainages. Part 2: Lizards (Sauria), chelonians, and crocodiles. *Amphibian & Reptile Conservation,* 16(2), 181–214 (e322). amphibian-reptile-conservation.org.
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