

Department of Zoology & Entomology

Publication list 2023

Books/Chapters/Monographs

Moran, P.J., De Clerck-Floate, R., Hill, M.P., Raghu, S., Paynter, Q. and Goolsby, J.A. (2023). Chapter 6: Mass-Production of Arthropods for Biological Control of Weeds: A Global Perspective. In: Morales-Ramos, J.A., Rojas, G.M. and Shapiro-Ilan, D.I. (eds.). Mass-production of beneficial organisms. Invertebrates and Entomopathogens. Second Edition. Elsevier, Academic Press, London, UK. p. 157-194. ISBN: 9780128221068.

Barnes, R., Wooldridge, T. and Hodgson, A. (2023). Benthic and planktonic invertebrates of the Knysna Estuary. In: Whitfield, A.K., Breen, C.. and Read, M. (eds.). Natural Wonders of the Knysna Estuary - A Priceless Jewel in the Garden Route Crown. Knysna Basin Project. p. 143-182. ISBN: 9780639768663.

Patents

Harris, J. and Villet, M.H. (2023) Bee biovector dispenser. South Africa. 2023/03918.

Peer Reviewed Subsidy-Earning Journal Research Publications

Adams, L.D., Giovannoni, D., Clark, V.R., Steenhuisen, S. and Martin, G.D. (2023) Reproductive ecology of the invasive alien shrub *Pyracantha angustifolia* in the grassland biome, South Africa. Plants. 12 (6). p.1-11.

Adom, M., Fening, K.O., Billah, M.K., Aigbedion-Atalor, P.O. and Wilson, D.D. (2023) Efficacy of selected biopesticides on key pests of chilli pepper for increased productivity in Ghana. Crop Protection. 176. p.1-11.

Akamagwuna, F.C., Odume, N.O. and Richoux, N.B. (2023) Agricultural disturbance affects taxonomic and functional diversity of Afrotropical macroinvertebrate composition in a South African river system. Environmental and Sustainability Indicators. 18 (100251). p.1-12.

Baptista, N., Vaz Pinto, P., Keates, C., Lobón-Rovira, J., Edwards, S. and Rodel, M.O. (2023) Two new *Poyntonophryne* species (Anura: Bufonidae) highlight the importance of Angolan centres of endemism. Vertebrate Zoology. 73 (0). p.991-1031.

Barnes, R.S.K., Seath, J.L. and Arendse, C.J. (2023) Differential sampling in the assessment of conservation and biodiversity merit: a comparison of the seagrass macrofauna in three nearby South African estuaries. Biodiversity and Conservation. 33. P.509-532.

Barnes, R.S.K. (2023) Seagrass macrobenthic biodiversity does not vary in conformity with a leaky-lagoonal confinement gradient. Marine Environmental Research. 185. 105897. p.1-9.

Bernard, K.M.T., Perry, T.W. and Mgqatsa, N. (2023) Puma (*Puma concolor*) sex influences diet in southwest New Mexico. Western North American Naturalist. 83 (2). p.153-164.

Birkhofer, K., Bird, T., Alfeus, M., Arvidsson, F., Nyamukondiwa, C., Buxton, M., Djoudi, E.A., Fabiano, E., Kasinda, E. et al. (2023) Smallholder agriculture in African dryland agro-ecosystems has limited impact on trophic group composition, but affects arthropod provision of ecosystem services. Agriculture, Ecosystems and Environment. 363. p.1-11.

- Bolton, J.J. and McQuaid, C.D. (2023) Marine macroalgae of the Agulhas Marine Province of South Africa: biodiversity, exploitation and potential for aquaculture. *African Journal of Marine Science*. 45 (4). p.221-234.
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