

Books/Chapters/Monographs

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- Cuthbert, R.N., **Wasserman, R.J.**, **Keates, C.**, Dalu, T. (2022) Food webs. In: Dalu, T. & Wasserman, R.J. (eds). *Fundamentals of Tropical Freshwater Wetlands: From Ecology to Conservation Management*. Elsevier, London 517-547. Paperback ISBN: 9780128223628, eBook ISBN: 9780128223635. <https://www.sciencedirect.com/science/article/pii/B9780128223628000062>.
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- Mapaura, A., **Canavan, K.**, Richardson, D.M., Clark, V.R. and Steenhuisen, S. Climate change and predicted changes in distribution of invasive *Nasella* species in South Africa and Lesotho. *Southern African Mountain Conference*. Champagne Sports Resort, KwaZulu-Natal. South Africa. March 2022.
- Martin, G.D.,** Adams, L.D. and Masole, P. Impacts of Northern Temperate Weeds on the Grassland Biome of South Africa. *National Symposium on Biological Invasions*. University of Fort Hare, Alice. South Africa. July 2022.
- Marsberg, T., Peyper, M., Cousins, L.E. and Moore, S.D.** The interaction between a granulovirus and two insect growth regulators: a possibility for improved control of false codling moth. *11th Citrus Research Symposium*. Champagne Sports Resort, KwaZulu-Natal. South Africa. August 2022.
- Marsberg, T. and Moore, S.D.** The interaction between a granulovirus and Neem oil for improved control of *Thaumatotibia leucotreta*. *International Congress of Invertebrate Pathology and Microbial Control and the 54th Annual Meeting of the Society for Invertebrate Pathology*. Virtual, Nelson Mandela Bay. South Africa. August 2022.
- Masole, P., Steenhuisen, S. and **Martin, G.D.** Is the thorny invasive *Rosa rubiginosa* facilitating the recruitment of native and exotic woody species in the mountain grasslands of the Eastern Free State. *Southern African Mountain Conference*. Champagne Sports Resort, KwaZulu-Natal. South Africa. March 2022.
- Mdidimba, N., Mlambo, M.C., Motitsoe, S.N.,** Zengeya, T. and Barkhuizen, L. DNA Barcodes reveal an alien hitchhiker in Mimosa Dam, Free State, South Africa. *Southern African Society of Aquatic Scientists (SASAqs)*. Amanzi Private Game Reserve, Brandfort Free State. June 2022.
- Mela, T.M., Jukes, M.D., Knox, C., Moore, S.D. and Hill, M.P.** Development and optimisation of a qPCR assay for the enumeration of *Cryptophlebia leucotreta granulovirus* (CrLeGV) used for commercial applications. *11th Citrus Research Symposium*. Champagne Sports Resort, KwaZulu-Natal. South Africa. August 2022.
- Mela, T.M., Jukes, M.D., Knox, C., Moore, S.D. and Hill, M.P.** Development and optimisation of a qPCR assay for the enumeration of *Cryptophlebia leucotreta granulovirus* (CrLeGV) used for commercial applications. *International Congress of Invertebrate Pathology and Microbial Control and the 54th Annual Meeting of the Society for Invertebrate Pathology*. Virtual, Nelson Mandela Bay. South Africa. August 2022.

- Miller, B.E., Coetzee, J.A., Martin, G.D.,** Weyl, P. and **Hill, M.P.** Amazon frogbit (*Limnobium laevigatum*): prevention is better than cure. *National Symposium on Biological Invasions*. University of Fort Hare, Alice. South Africa. July 2022.
- Minuti, G.M., Coetzee, J.A.** and Stiers, I. Present and future climatic suitability of the invasive aquatic plant *Iris pseudacorus* L. and its candidate biocontrol agents. *22nd International Conference on Aquatic Invasive Species (ICAIS22)*. Oostende, Oostende. Belgium. April 2022.
- Mlungu, Z., Mlambo, M.C., Motitsoe, S.N.,** Parker-Allie, F. and Griffiths, C. The enigmatic subterranean amphipod genus *Sternophysinx* (Family Sternophysingidae): conservation and systematics. *Southern African Society of Aquatic Scientists (SASAqs)*. Amanzi Private Game Reserve, Brandfort Free State. June 2022.
- Mnqeta, Z. and Paterson, I.D.** Perceptions of land-users on efficacy and safety of biological control of invasive alien Cactacea in South Africa. *6th International Symposium on Biological Control of Arthropods*. Online from British Columbia, BC. Canada. March 2022.
- Moagi, R., Mauda, E.V.,** Mukwevho, L. and **Hill, M.P.** An assessment of the potential pest status of psyllid species, as possible vectors of *Candidatus liberibacter* species, causative of citrus greening in South Africa. *11th Citrus Research Symposium*. Champagne Sports Resort, KwaZulu-Natal. South Africa. August 2022.
- Moloi, K., **Martin, G.D.,** Clark, V.R. and Steenhuisen, S. Reproductive ecology of *Cotoneaster panossus* in montane grasslands of Eastern Free State. *Southern African Mountain Conference*. Champagne Sports Resort, KwaZulu-Natal. South Africa. March 2022.
- Mommsen, W.T., Hill, M.P. and Moore, S.D.** Factors influencing successful biocontrol of mealybug in South Africa using augmentative releases of *Anagyrus vladimiri*. *International Citrus Congress (ICC)*. Atatürk Cultural and Congress Center, Mersin. Turkey. November 2022.
- Mommsen, W.T., Moore, S.D. and Hill, M.P.** The influence of timing, insecticide residues, hyperparasitism and interspecific competition on *Anagyrus vladimiri* augmentation for mealybug control. *11th Citrus Research Symposium*. Champagne Sports Resort, KwaZulu-Natal. South Africa. August 2022.
- Mofu, L., Dalu, T., **Wasserman, R.J.,** Woodford, D.J., Weyl, O.L.F. Patterns and size composition, catch per unit effort and biomass of four primary colonizers of artificial impoundments. *South African Society for Aquatic Sciences (SASAqs) conference*. June 2022, oral presentation.
- Moore, S.D.,** Marsberg, T., **Peyper, M., Cousins, L.E., Van Der Merwe, M. and Kirkman, W.** Pre-harvest monitoring of false codling moth infestation: assessment of accuracy and development of a new system. *11th Citrus Research Symposium*. Champagne Sports Resort, KwaZulu-Natal. South Africa. August 2022.
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- Motitsoe, S.N., Hill, J.M., Coetzee, J.A. and Hill, M.P.** Invasive alien aquatic plant species management drives aquatic ecosystem community recovery: An exploration using stable isotope analysis. *22nd International Conference of Aquatic Invasive Species (ICAIS22)*. Oostende, Oostende. Belgium. April 2022.
- Motitsoe, S.N., Mlambo, M.C.** and Cornette, R. Flies on rock pools: A new record of a desiccation resistant chironomid, *Polypendilum cranstoni* from South Africa. South Africa. *Southern*

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- Petruzzella, A., Motitsoe, S.N., Hill, M.P. and Coetzee, J.A.** Achieving the goal more natives, less invasives: Priority effects as a potential tool for restoration. *National Symposium on Biological Invasions*. University of Fort Hare, Alice. South Africa. July 2022.
- Peyper, M., Cousins, L.E. and Moore, S.D.** Shuttleworth, A., Johnson, S.D., Heiduk, A., **Peyper, M., Cousins, L.E. and Moore, S.D.** Environmental SEM imaging of male false codling moth androconia and coremata. *11th Citrus Research Symposium*. Champagne Sports Resort, KwaZulu-Natal. South Africa. August 2022.
- Peyper, M., Moore, S.D., Kirkman, W., Marsberg, T. and Cousins, L.E.** The use of an anthranilic diamide insecticide for mating disruption of false codling moth. *11th Citrus Research Symposium*. Champagne Sports Resort, KwaZulu-Natal. South Africa. August 2022.
- Prinsloo, S.L., Coombes, C.A., Moore, S.D., Malan, A. and Hill, M.P.** Interaction between indigenous entomopathogenic nematodes and the fungus *Metarhizium anisopliae* against late instar false codling moth larvae. *11th Citrus Research Symposium*. Champagne Sports Resort, KwaZulu-Natal. South Africa. August 2022.
- Reid, M.K. and Hill, M.P. Reid, M.K., Coetzee, J.A. and Hill, M.P.** A native weevil exploring exotic cuisine: The host range expansion of *Bagous longulus* on an invasive waterlily in South Africa. *Sixth research symposium at Fountainhill Estate*. Fountainhill Estate, Wartburg. South Africa. October 2022.
- Reid, M.K., Hill, M.P. and Coetzee, J.A.** A native weevil and a foreign planthopper: could they control *Nymphaea mexicana* in South Africa. *National Symposium on Biological Invasions*. University of Fort Hare, Alice. South Africa. July 2022.
- Richardson, P.H.R., Terblanche, J. and Owen, C.A.** Of moths and microbes: Insights into pest thermal physiology. *11th Citrus Research Symposium*. Champagne Sports Resort, KwaZulu-Natal. South Africa. August 2022.
- Richoux, N.B.** Connectivity through allochthony: studies on trophic subsidies between rivers and land in South Africa. *International Biodiversity Conference*. Davao Oriental State University, Mati City. Philippines. July 2022.
- Roberts, P.J., Druce, D., Mkgatsa, N. and Parker, D.M.** Using camera traps and call-ups to estimate spotted hyaena (*Crocuta crocuta*) density and space use. *Southern African Wildlife Management Association*. Bonamanzi Game Reserve, KwaZulu-Natal, South Africa. September 2022.
- Sutton, G.F., Yell, L.D., Van Steenderen, C.J.M., Canavan, K., McConnachie, A. and Paterson, I.D.** Biological control of *Eragrostis curvula* (African lovegrass): native-range surveys in Africa. *22nd Australasian Weeds Conference*. Adelaide Oval, Adelaide. Australia. September 2022.
- Taylor, D.G., Hill, M.P., Moore, S.D., Knox, C. and Jukes, M.D.** Investigating baculovirus synergism for improved management of false codling moth, *Thaumototibia leucotreta*, in the field. *International Congress of Invertebrate Pathology and Microbial Control and the 54th Annual Meeting of the Society for Invertebrate Pathology*. Virtual, Nelson Mandela Bay. South Africa. August 2022.

- Thackery, S. and Moore, S.D.** Biological control in South Africa successes, challenges and opportunities. *International Congress of Invertebrate Pathology and Microbial Control and the 54th Annual Meeting of the Society for Invertebrate Pathology*. Virtual, Nelson Mandela Bay. South Africa. August 2022.
- Townsend, G.R.,** Hurley, B., **Hill, M.P.,** Roets, F. and de Beer, W. Initial assessment of the polyphagous shot hole borer (PSHB) in indigenous South African forests. *National Symposium on Biological Invasions*. University of Fort Hare, Alice. South Africa. July 2022.
- Van Der Merwe, M., Jukes, M.D., Moore, S.D. and Hill, M.P.** Selection of a UV-resistant isolate of *Cryptophlebia peltastica nucleopolyhedrovirus* for improved field persistence and efficacy against *Thaumatotibia leucotreta*. *International Congress of Invertebrate Pathology and Microbial Control and the 54th Annual Meeting of the Society for Invertebrate Pathology*. Virtual, Nelson Mandela Bay. South Africa. August 2022.
- Van Der Merwe, M., Jukes, M.D., Knox, C., Moore, S.D. and Hill, M.P.** An investigation into yeast-baculovirus synergism for the improved control of false codling moth. *11th Citrus Research Symposium*. Champagne Sports Resort, KwaZulu-Natal. South Africa. August 2022.
- Van Son, E.J.H.,** Kirkman, W., **Coetzee, J.A.** and Manrakhan, A. Alternate hosts of the oriental fruit fly, *Bactrocera dorsalis*, in the Sundays River Valley. *11th Citrus Research Symposium*. Champagne Sports Resort, KwaZulu-Natal. South Africa. August 2022.
- Van Steenderen, C.J.M. and Sutton, G.F.** SPEDE-sampler: An R Shiny application to assess how methodological choices and taxonsampling may affect DNA-based Generalised Mixed Yule Coalescent (GMYC) species delimitation. *International Statistical Ecology Congress (ISEC)*. Breakwater Lodge, Cape Town. South Africa. July 2022.
- Van Steenderen, C.J.M.,** Marsberg, T., **Peyper, M.,** Kirkman, W. and **Hill, M.P.** The role of sterile females in the false codling moth sterile insect technique programme. *11th Citrus Research Symposium*. Champagne Sports Resort, KwaZulu-Natal. South Africa. August 2022.
- Webb, C.J. and Paterson, I.D.** Potential biological control agents for Crystalline ice plant: a plant indigenous to South African but an invasive pest in U.S.A. *National Symposium on Biological Invasions*. University of Fort Hare, Alice. South Africa. July 2022.
- Wasserman, R.J., Keates, C.,** Dalu, T. Testudine endozoochory: first evidence for passive transportation of anostracan cysts by the Marsh Terrapin *Pelomedusa subrufa*. *South African Society for Aquatic Sciences (SASAqS) conference*. June 2022, oral presentation.
- Wolmarans, A., Martin, G.D. and Paterson, I.D. Wolmarans, A., Martin, G.D., Paterson, I.D. and Weyl, P.S.R.** Controlling the spread of the black locust. *Southern African Mountain Conference*. Champagne Sports Resort, KwaZulu-Natal. South Africa. March 2022.
- Wyness, A.,** van der Merwe, A., Kaiser, A., Dalu, T., **Wasserman, R.J.,** Stutter, M., O'Brien, G.C. Using artificial substrates to determine microbial ecosystem function. *South African Society for Aquatic Sciences (SASAqS) conference*. June 2022, poster presentation.
- Yell, L.D., Sutton, G.F., Canavan, K., Van Steenderen, C.J.M. and Paterson, I.D.** Utilising field-based methods for host-specificity testing prior to quarantine testing in weed biological control. *National Symposium on Biological Invasions*. University of Fort Hare, Alice. South Africa. July 2022.