

Allan, E.L. & Froneman, P.W. (2008). Trophic interactions amongst the plankton in the temporarily open/closed East Kleinemonde Estuary, South Africa. *African Journal of Aquatic Science* 33(2): 167-174.

Barber-James, H.M., Gattoliat, J.L., Sartori, M. & Hubbard, M.D. (2008). Global diversity of mayflies (Ephemeroptera, Insecta) in freshwater. *Hydrobiologia* 595: 339-350.

Buchholz, S., Schafer, M.O., Spiewok, S., Pettis, J.S., Duncan, M., Ritter, W., Spooner-Hart, R. & Neumann, P. (2008). Alternative food sources of *Aethina tumida* (Coleoptera: Nitidulidae). *Journal of Apicultural Research and Bee World* 47 (3): 202-209.

Chown, S.L & Froneman, P.W. (2008). The Prince Edward Islands in a global context. In: *The Prince Edward Islands-Land-Sea Interactions in a Changing Ecosystem*. Eds. Chown, S.L. & Froneman, P.W. pp. 1-16.

Chown, S.L. & Froneman, P.W. (2008). Conclusion: Change in terrestrial and marine systems. In: *The Prince Edward Islands – Land-Sea Interactions in a Changing Ecosystem*. Eds. Chown, S.L & Froneman, P.W. pp. 351-372.

Coetzee, J.A., Hill, M.P. & Schlange, D. (2008). Potential spread of the invasive plant *Hydrilla verticillata* in South Africa based on anthropogenic spread and climate suitability. *Biology Invasions*

de Moor, F.C. & Barber-James, H.M. (2008). A survey of the aquatic macroinvertebrates of selected tributary rivers of the Olifants and Doring Rivers in the Cedarberg, western Cape to help assess conservation status and assist conservation planning of the biodiversity of these rivers.

de Moor, F.C. & Ivanov, V.D. (2008). Global diversity of caddisflies (Trichoptera: Insecta) in freshwater. *Hydrobiologia* 595: 393-407.

de Moor, F.C. (2008). Regional biogeographical differences in Trichoptera diversity in South Africa: Observed patterns and processes. *Proceeding of the XIIth International Symposium on Trichoptera, June 18-22 2006*: 211-218.

Downie, D.A., Donaldson, J.S. & Oberprieler, R.G. (2008). Molecular systematics and evolution in an African cycad-weevil interaction: Amorphocerini (Coleoptera: Curculionidae: Molytinae) weevils on *Encephalartos*. *Molecular Phylogenetics and Evolution*: 47: 102-116.

El-Niweiri, M.A.A., El-Sarrag, M.S. & Neumann, P. (2008). Filling the Sudan gap: the northernmost natural distribution limit of small hive beetles. *Journal of Apicultural Research and Bee World* 47 (3): 184-185.

Erlandson, J., Porri, F. & McQuaid, C.D. (2008). Ontogenetic changes in small-scale movement by recruits of an exploited mussel: implications for the fate of larvae settling on algae. *Marine Biology* 153: 365-373

Evans, J.D., Spiewok, S., Teixeira, W. & Neumann, P. (2008). Microsatellite loci for the small hive beetle, *Aethina tumida*, a nest parasite of honey bees. *Molecular Ecology* 8 (3): 698-700.

Halcroft, M., Spooner-Hart, R. & Neumann, P. (2008). A non-invasive and non-destructive method for observing in-hive behaviour of the Australian stingless bee, *Austrostplebeia australis*. *Journal of Apicultural Research and Bee World* 47 (1): 82-83.

Harvey, M.L., Gaudieri, S., Villet, M.H. & Dadour, I.R. (2008). A global study of forensically significant calliphorids: Implications for identification. *Forensic Science International* 177: 66-76.

Henninger, T.O., Froneman, P.W. & Hodgson, A.N. (2008). The population dynamics of the estuarine isopod *Exosphaeroma hylocoetes* (Barnard, 1940) within three temporarily open/closed southern Africa estuaries. *African Zoology* 43 (2): 202-217.

Hill, J.M., McQuaid, C.D. & Kaehler, S. (2008). Temporal and spatial variability in stable isotope ratios of SPM link to local hydrography and longer term SPM averages suggest heavy dependence of mussels on nearshore production. *Marine Biology* 154: 899-909.

Hill, J.M. & McQuaid, C.D. (2008).  $\delta^{13}\text{C}$  and  $\delta^{15}\text{N}$  biogeographic trends in rocky intertidal communities along the coast of South Africa: Evidence of strong environmental signatures. *Estuarine, Coastal and Shelf Science* 80: 261-268.

Hill, M.P. & Coetzee, J.A. (2008). Integrated control of water hyacinth in Africa. *Bulletin* 38:452-457.

Hoffmann, D., Pettis, J.S. & Neumann, P. (2008). Potential host shift of the small hive beetle (*Aethina tumida*) to bumblebee colonies (*Bombus impatiens*). *Insectes Sociaux* 55: 153-162.

Jadhav, A., Hill, M. & Byrne, M. (2008). Identification of a retardant dose of glyphosate with potential for integrated control of water hyacinth, *Eichhornia crassipes* (Mart.) Solms-Laubach. *Biological Control* 47: 154-158.

Jaquemet, S. & McQuaid, C.D. (2008). Stable isotope ratios in Cape gannets around the southern coasts of Africa reveal penetration of biogeographic patterns in oceanic signatures. *Estuarine, Coastal and Shelf Science* 80: 374-380.

Kelly, C.M.R., Barker, N.P., Villet, M.H., Broadley, D.G. & Branch, W.R. (2008). The snake family Psammophiidae (Reptilia: Serpentes): Phylogenetics and species

delimitation in the African sand snakes (*Psammophis* Boie, 1825) and allied genera. *Molecular phylogenetics and evolution* 47: 1045-1060.

Kelly, C.M.R., Barker, N.P & Villet, M.H. (2008). Phylogeny, biogeography and classification of the snake superfamily elapoidea: a rapid radiation in the late Eocene. *Cladistics* 24: 1-26.

Kirk-Spriggs, A.H. (2008). Order Diptera, family Curtonotidae. *Arthropod fauna of the UAE* 1: 704-713.

Kirk-Spriggs, A.H. & Evenhuis, N.L. (2008). A new species of *Psiloderoides* Hesse (Diptera: Mythicomyiidae) from the Brandberg Massif, Namibia. *African Entomology* 16 (1): 122-126.

Kirk-Spriggs, A. (2008). A quantitative assessment of intra- and interspecific variability in spermathecal form in the *Curtonotum cuthbertsoni* complex (Diptera: Ephydroidea: Curtonotidae) and an assessment of their value as species-level characters. *African Entomology* 16 (2): 244-252.

Kirk-Spriggs, A.H. (2008). A contribution to the knowledge of the immature stages of *Curtonotum* (Diptera: Curtonotidae), from Africa and the Middle East, with a discussion of relationships to other known Ephydroidea larvae. *African Entomology* 16 (2): 226-243.

McQuaid, C.D. & Froneman, P.W. (2008). Biology in the oceanographic environment. In: *The Prince Edward Islands – Land-Sea Interactions in a Changing Ecosystem*. Eds. S.L. Chown & P.W. Froneman. pp. 97-120.

Midgley, J.M., Hill, M.P. & Villet, M.H. (2008). Baited traps may be an alternative to conventional pesticides in integrated crop management of Chicory (Compositae) in South Africa. *Journal of Economic Entomology* 101(1): 99-106.

Moritz, R.F.A., Pirk, C.W.W., Hepburn, H.R. & Neumann, P. (2008). Short-sighted evolution of virulence in parasitic honeybee workers (*Apis mellifera capensis* Esch.). *Naturwissenschaften* 95: 507-513.

Neumann, P. & Hoffmann, D. (2008). Small hive beetle diagnosis and control in naturally infested honeybee colonies using bottom board traps and CheckMite + strips. *Journal of Pest Science* 81: 43-48.

Neumann, P. & Ellis, J.D. (2008). The small hive beetle (*Aethina tumida* Murray, Coleoptera: Nitidulidae): distribution, biology and control of an invasive species. *Journal of Apicultural Research and Bee World* 47 (3): 181-183.

Nicastro, K.R., Zardi, G.I., McQuaid, C.D., Teske, P.R. & Barker, N.P. (2008). Coastal topography drives genetic structure in marine mussels. *Marine Ecology Progress Series*: 368: 189-195.

Ogada, D.L. & Kibuthu, P.M. (2008). Conserving Machikder's eagle owls in farmlands of Kenya: assessing the influence of pesticide use, tourism and local knowledge of owl habits in protecting a culturally loathed species. *Environmental Conservations* 35(3): 252-260.

Orr, K.K. & Froneman, P.W. (2008). The effects of increased freshwater inflow on metal enrichment in selected Eastern Cape estuaries, South Africa. *Water SA* 34:

Parker, D. & Bernard, R. (2008). Lessons from aloes in the Thicket Biome: Reconstructing past elephant browsing to understand the present. *South African Journal of Science* 104: 163-164.

Porri, F., Jordaan, T. & McQuaid, C.D. (2008). Does cannibalism of larvae by adults affect settlement and connectivity of mussel populations. *Estuarine, Coastal and Shelf Science* 79: 687-693.

Porri, F., McQuaid, C.D., Lawrie, S.M. & Antrobus, S.J. (2008). Fine-scale spatial and temporal variation in settlement of the intertidal mussel *Perna perna* indicates differential hydrodynamic delivery of larvae to the shore. *Journal of Experimental Marine Biology and Ecology* 367: 213-218.

Proudfoot, L.A., Kaehler, S. & McQuaid, C.D. (2008). Using growth band autofluorescence to investigate large-scale variation in growth of the abalone *Haliotis midae*. *Marine Biology* 153: 789-796.

Richoux, N.B. & Froneman, P.W. (2008). Trophic ecology of dominant zooplankton and macrofauna in a temperate, oligotrophic South African estuary: a fatty acid approach. *Marine Ecology Progress Series* 357: 121-137.

Richards, C.S., Paterson, I.D. & Villet, M.H. (2008). Estimating the age of immature *Chrysomya albiceps* (Diptera: Calliphoridae), correcting for temperature and geographical latitude. *International Journal of Legal Medicine* 122: 271-279.

Richards, C.S. & Villet, M.H. (2008). Factors affecting accuracy and precision of thermal summation models of insect development used to estimate post-mortem intervals. *International Journal of Legal Medicine* 122: 401-408.

Ripley, B.S., DeWet, L. & Hill, M.P. (2008). Herbivory-induced reduction in photosynthetic productivity of water hyacinth, *Eichhornia crassipes* (Martius) Solms-Laubach (Pontederiaceae), is not directly related to reduction in photosynthetic leaf area. *African Entomology* 16 (1): 140-142.

Rivers-Moore, N.A. & de Moor, F.C. (2008). Impact of winter flow regulation on pest-level populations of blackfly (Diptera: Simuliidae) and non-target faunal communities in a South African river. *African Journal of Aquatic Science* 33 (2): 125-134.

Roux, D.J., Nel, J.L., Ashton, P.J., Deacon, A.R., de Moor, F.C., Hardwick, D., Hill, L., Kleynhans, C.J., Maree, G.A., Moolman, J & Scholes, R.J. (2008). Designing protected areas to conserve riverine biodiversity: Lessons from a hypothetical redesign of the Kruger National Park. *Biological Conservation* 141:100-117.

Smith, V.R & Froneman, P.W. (2008). Nutrient dynamics in the vicinity of the Prince Edward Islands. In: *The Prince Edwards Islands-Land-Sea Interactions in a Changing Ecosystem*. Eds. Chown, S.L & Froneman, P.W. pp. 165-179.

Tan, K., Yang, M.X., Radloff, S.E., Hepburn, H.R., Zhang, Z.Y., Luo, L.J. & Li, H. Dancing to different tunes: heterospecific deciphering of the honeybee waggle dance. *Naturwissenschaften* 95: 1165-1168.

Villet, M.H. & Endrödy-Younga, S. (2008). Myxophaga. *Guides to the Freshwater Invertebrates of Southern Africa Vol 10: Chapter 2*

Vorwerk, P.D., Froneman, P.W., Paterson, A.W., Strydom, N.A. & Whitfield, A.K. (2008). Biological responses to a resumption in river flow in a freshwater-deprived, permanently open Southern African estuary. *Water SA* 34 (5): 597-604.

Walter, C.T., Tomasicchio, M., Hodgson, V., Hendry, D.A., Hill, M.P. & Dorrington, R.A. (2008). Characterization of a succession of small insect viruses in a wild South African population of *Nudaurelia cytherea capensis* (Lepidoptera: Saturniidae). *South African Journal of Science* 104: 147-152.

Whittington-Jones, G.M., Bernard, R.T.F. & Parker, D.M. (2008). Bushclumps as refugia for small mammals in two Eastern Cape conservation areas. *African Zoology* 43(2): 273-276.

Williams, K.A., Cronje, F.J., Avenant, L. & Villet, M.H. (2008). Identifying flies used for maggot deridement therapy. *Scientific Letters* 98(2): 630-631.

Zardi, G.I., Nicastro, K.R., McQuaid, C.D. & Erlandson, J. (2008). Sand and wave induced mortality in invasive (*Mytilus galloprovincialis*) and indigenous (*Perna perna*) mussels. *Marine Biology* 153: 853-858.