

University of Pretoria
Department of Zoology and Entomology
MSc and PhD Project Proposals
30th June 2016
Venue: Room 2-11, Department of Zoology and Entomology

Chairperson session 1 – Marc Freeman

- 08h00 **Simone Ackermann (MSc):** The effects of light pollution on the circadian physiology and foraging behaviour of small mammals.
- 08h20 **Georgina Wilson (MSc):** Identifying priorities in the Mpumalanga landscape for invasive species management.
- 08h40 **Kayla Noeth (MSc):** The biology and management of the Wood Boring Cossid Moth, *Coryphodema tristis* (Drury) on *Eucalyptus nitens* in South Africa.
- 09h00 **Cathy Bester (PhD):** Temperature, pesticides and honeybees - A hot mess?
- 09h30 **Zoe van Vuuren (MSc):** Brood pheromone comparison of South African honeybees and the hypopharyngeal gland development of *Apis mellifera scutellata* nurse bees in the presence of a parasitic clone.
- 09h50 **Jessica Badenhorst (MSc):** The effect of dung beetle activity on soil- and vegetation properties on post-mining soils.

TEA/COFFEE 10h10 – 10h40

Chairperson session 2 – Cathy Bester

- 10h40 **Gustav Venter (MSc):** Assemblages, source-sink dynamics and tunneling architecture of dung beetles (subfamily: Scarabaeinae) from rehabilitated mines on the Highveld (Mpumalanga, South Africa).
- 11h00 **Werner Kilian (PhD):** Ecology of elephants across a steep environmental gradient in Namibia.
- 11h30 **Martin van Rooyen (MSc):** Drivers of demand in the Rhinoceros horn trade and reproductive capacity of wild and captive female southern White Rhinoceros.
- 11h50 **Jelena Reljic (MSc):** Beta diversity in new-growth forests: case studies from birds, trees, and millipedes.
- 12h10 **Marc Freeman (MSc):** Evaluating bird communities in human-modified habitat types.

12h30 – 13h30 LUNCH

Chairperson session 3 – Nico Lubcker

- 13h30 **Ndivhuwo Marigane (MSc):** The influence of pet trade and scientific laboratories in the invasion and spread of *Rattus rattus* and *R. norvegicus* in South Africa: implications for public health, economy and pest control.
- 13h50 **Novald Iiyambo (MSc):** Ecological niche partitioning, home-range overlap and resource competition in sympatric lacertid lizard species, *Meroles anchietae* and *M. cuneirostris* from the Namib Desert, Namibia.
- 14h10 **Amanda Adlam (MSc):** Fish communities in a temporal river system, Upper Shangani River, Zimbabwe: processes, patterns and functions
- 14h30 **Liezl Pretorius (MSc):** Effect of sex and ontogeny on the trophic ecology of Southern Ocean fur seals.
- 14h50 **Jean Purdon (MSc):** Acoustic pollution and cetaceans in the South African marine environment: A need for scientific research, mitigation and governance.

TEA/COFFEE 15h10 – 15h30

Chairperson session 4 – Amanda Adlam

- 15h30 **Morgan Martin (PhD):** Describing the acoustic repertoire of Heaviside's dolphins (*Cephalorhynchus heavisidii*) and estimating the abundance of cetaceans utilising the Namibian Islands' Marine Protected Area (NIMPA).
- 16h00 **Megan Slack (PhD):** Studying spatial and temporal patterns in cetacean occurrence off South Africa using passive acoustic monitoring.
- 16h30 **Tevya Lotriet (MSc):** The effect of climate change on Cetaceans – Mapping dolphin distribution using citizen science in the south western Cape, South Africa.
- 16h50 **Monique Laubscher (MSc):** The effect of climate change on Cetaceans - Mapping dolphin distribution in the south western Cape, South Africa, by means of dedicated boat surveys.

17h10 END. Thank you all for attending!