



Departement Bewaringsekologie en Entomologie
Department of Conservation Ecology and Entomology

30 May 2014
ConsEnt lecture hall (Room 3028)
JS Marais Building, Victoria Street
University of Stellenbosch

- 8:00 - 8:10** **OPENING**
- 8:10 - 9:00** **INVITED SPEAKER** – *Dr. Quinton Martins* (Founder and CEO of the Cape Leopard Trust & Research Fellow, Dept Conservation Ecology & Entomology, University of Stellenbosch (with Dr Alison Leslie).

“There is a Tyger in my Fynbos”...!!
- 9:00 - 10:15** **SESSION 1: Conservation Ecology (human-nature interactions and restoration)**
Chair: Luther van der Mescht
- 9:00 - 9:15 Farming with Predators - Farmer-predator conflict in Namibia.– **Chavoux Luyt** (PhD)
9:15 - 9:30 What can existing national datasets tell us about the contribution of nature to human wellbeing? – **Odirilwe Selomane** (PhD)
9:30 - 9:45 Post-mining restoration of Saldanha Limestone Strandveld – **Roderick Juba** (MSc)
9:45 - 10:00 Australian *Acacia* seed bank dynamics: Towards effective management – **Matthys Strydom** (PhD)
10:00 - 10:15 Restoration of Cape Flats Sand Fynbos species: The significance of pre-germination treatments and moisture regime – **Mukundi Mukundamago** (MSc)
- 10:15 - 10:45** **TEA** (30 minutes)
- 10:45 - 12:00** **SESSION 2: Arthropods, Parasites and Pathogens (Ecology and Evolution)**
Chair: Peter Thorpe.
- 10:45 - 11:00 Investigating pride contact in African lions (*Panthera leo*) from Kruger National Park using Feline Immunodeficiency Virus (FIV) – **Tanya Kerr** (PhD)
11:00 - 11:15 Ecology and diversity of chigger mites (Acari: Trombiculinae) from small mammals in the Cape Floristic Region – **Karliën Malan** (MSc)
11:15 - 11:30 The influence of life history and vicariance on the phylogeography of three flea species in South Africa – **Luther van der Mescht** (PhD)
11:30 - 11:45 Competition between native and invasive *Polistes* spp.– **PC Benade** (MSc)
11:45 - 12:00 Harlequin lady beetle *Harmonia axyridis* (Coleoptera: Coccinellidae) in the Western Cape, how does it affect local agricultural and natural ecosystems?” – **Vulezani Mukwevho** (MSc)
12:00 - 12:15 Ticks and tick borne diseases: Knowledge and perceptions of communal cattle farmers – **Nkululeko Nyangiwe** (PhD)

- 12:15 - 12:30** **Group photo - staff and students (details to be announced)** (15 minutes)
- 12:30 - 13:30** **LUNCH** (1 hour)
- 13:30 - 14:45** **SESSION 3: Conservation Ecology (Landscape ecology and Invasive vertebrates)**
Chair: PC Benade
- 13:30 – 13:45 Impact of a non native fish in the Cape Floristic Region - **Stuart Barrow** (MSc)
- 13:45 - 14:00 Response of grasshoppers to the agricultural mosaic of the Cape Floristic Region – **Samuel Adu-Acheampong** (PhD)
- 14:00 - 14:15 Does size matter: dung beetle and ant assemblage responses to grassland corridor size within a timber production landscape – **Julia van Schalkwyk** (MSc)
- 14:15 - 14:30 Biodiversity value of Afromontane forest patches within KwaZulu-Natal timber production areas – **Inam Yekwayo** (PhD)
- 14:30 - 14:45 The Dragonfly Biotic Index: Extending a South African Freshwater Assessment Method to the whole of Africa – **Carlien Vorster** (PhD)
- 14:45 - 15:15** **TEA** (30 minutes)
- 15:15 - 16:45** **SESSION 4: Pests and Pest Management**
Chair: Carlien Vorster
- 15:15 - 15:30 Future Proofing Food: Using a foxy-matrix to create future scenarios for pest-control in pome fruit production – **Peter Thorpe** (MSc)
- 15:30 - 15:45 Fruit fly ecology in the Western Cape – **Marinus Geldenhuys** (MSc)
- 15:45 - 16:00 Population structure of *Ceratitis rosa* Karsch in South Africa: using molecular and morphological markers to estimate gene flow and dispersal ability – **Minette Karsten** (PhD)
- 16:00 - 16:15 Investigating the Thermal Biology of the Grain Chinch Bug and its Post-Harvest Control – **Stephan Coetzee** (MSc)
- 16:15 - 16:30 Caterpillar aggregations: efficient or not? – **Ruben Schoombie** (MSc)
- 16:30 - 16:45 The field application of entomopathogenic nematodes for the control of codling moth, *Cydia pomonella*, in apple and pear orchards – **Deidré Odendaal** (MSc)
- 16:45 - 17:00** **CLOSING REMARKS**
- 17:00** **Start of social event**