

JOHN-MICHAEL STUART - Zoologist

John is experienced in applied biodiversity conservation, with a primary research interest in ecology of invasive species, in particular foxes. John is currently completing his PhD (Environmental and Conservation Sciences) at Murdoch University in Western Australia, under the supervision of Professor Trish Fleming, Dr Tracey Kreplins, Dr Peter Adams and Dr Scott Whiting. His PhD is investigating movement ecology, diet, behaviour and population demographics of the red fox (*Vulpes vulpes*) adjacent to a flatback turtle (*Natator depressus*) rookery on the Pilbara coast of Western Australia. This research, in collaboration with and partially funded by the Department of Biodiversity, Conservation and Attractions, is contributing to a greater understanding of fox ecology, management and the mitigation of fox predation of marine turtle nests and hatchlings.

John's Honours research project (2012, Murdoch University), focused on movement ecology and micro-habitat preferences of two small skink species in Wandoo (*Eucalyptus wandoo*) woodlands of Dryandra State Forest. John has experience in vertebrate fauna surveys, invasive species management, revegetation projects and control of bushland weeds.

AREAS OF EXPERTISE

- Terrestrial fauna surveys
- Applied scientific research – project design and implementation
- Ecological data management, analysis and interpretation (e.g. at a site or landscape scale)
- Fauna monitoring programs
- Fauna relocation and implementation
- GPS and radio-tracking of fauna
- Feral and pest animal management (flora and fauna)
- Revegetation projects
- Chemical immobilisation of fauna
- GIS analysis
- Project management

QUALIFICATIONS

- Bachelor of Science Conservation and Wildlife Biology (with 1st class Honours) – Murdoch University
- Bachelor of Science Environmental Biology – Curtin University

AWARDS

- Best Student poster Award 2019 (Australasian Wildlife Management Conference)
- Awarded membership of Gold Key International Honour Society – in recognition of scholastic excellence: 2007-10

PROFESSIONAL TRAINING

- Provide First Aid and CPR - HTLAID003, HLTAID002, HLTAID001 (July 2020)
- Firearms Awareness Certificate (July 2020)
- Certificate III Landscape Construction (2015)
- Essential Supervisors Course (2014)
- Operate Chainsaws and Polesaws -FPICOT2239A, FPICOT2238B (2014)
- 4WD training and vehicle recovery - SISODRV302A, SRODRV001B (2011)
- White Card: Prepare to work safely in the construction industry - CPCCWHS1001 (2010)
- Herbicide Application and Usage - AHCPMG301, AHCCHM303, AHCCHM304 (2009)
- PADI Open Water Diver (2009)

CAREER SUMMARY

Nov 2019 – current	Zoologist, Terrestrial Ecosystems (WA)
Nov 2019 – current	Research Associate, Murdoch University (WA)
May 2019 - Aug 2019	Research Associate, DPIRD (WA)
Aug 2018 - Dec 2019	Laboratory and Field Demonstrator, Murdoch University (WA)
Jun 2015 – Jul 2017	Environmental Field Officer, Syrinx (WA)
Jan 2013 – Jul 2015	Environmental Conservation Officer, City of Nedlands (WA)
Aug 2012 – Oct 2012	Technical Research Officer, Murdoch University (WA)
Dec 2010 – Mar 2011	Environmental Technician, Pendoley Environmental (WA)

PRESENTATIONS AND PAPERS

- Stuart, J.-M., Whiting, S., Adams, P., Kreplins, T & Fleming, P. 'Red fox movements in the Pilbara, Western Australia'. Poster at the Australasian Wildlife Management Society Annual Conference 2019.
- Stuart, J.-M., Whiting, S., Kobryn, H., Adams, P., Kreplins, T., Bateman, B., & Fleming, P. 'Foxes at Mundabullangana Station – Preliminary analysis of home ranges and resource use of foxes at Mundabullangana Station'. Oral Presentation at the 12th Northwest Shelf Flatback Turtle Conservation Program Advisory Committee Symposium 2018.
- Stuart, J.-M., Whiting, S., Kobryn, H., Adams, P., Kreplins, T., Bateman, B., & Fleming, P. 'Habitat use of the red fox at a flatback turtle rookery in the Pilbara, Western Australia'. Oral Presentation at the 30th Australasian Wildlife Management Society Annual Conference 2017.
- Stuart, J.-M., Whiting, S., Adams, P., Kreplins, T., Bateman, B., & Fleming, P. 'Foxes selectively forage on beaches during flatback turtle nesting season'. Oral presentation at the 17th Australasian Vertebrate Pest Conference 2017.
- Stuart, J.-M., Whiting, S., Kobryn, H., Adams, P., Kreplins, T., Bateman, B., & Fleming, P. 'Foxes at flatback turtle nesting beaches - Preliminary analysis of home ranges of five foxes monitored in summer 2016/17. Oral Presentation at the 11th Northwest Shelf Flatback Turtle Conservation Program Advisory Committee Symposium 2017.