

Mulligans Flat - Goorooyarroo Woodland Experiment

Integrating Research & Restoration



PhD Scholarship:

Bringing Back Biodiversity to Mulligans Flat Woodland Sanctuary:

The Reintroduction Biology of the Eastern Chestnut Mouse (*Pseudomys gracilicaudatus*) and New Holland Mouse (*Pseudomys novaehollandiae*)

An attractive PhD top-up scholarship of \$8,000 per annum, tax-free for 3 years, plus operating funds.



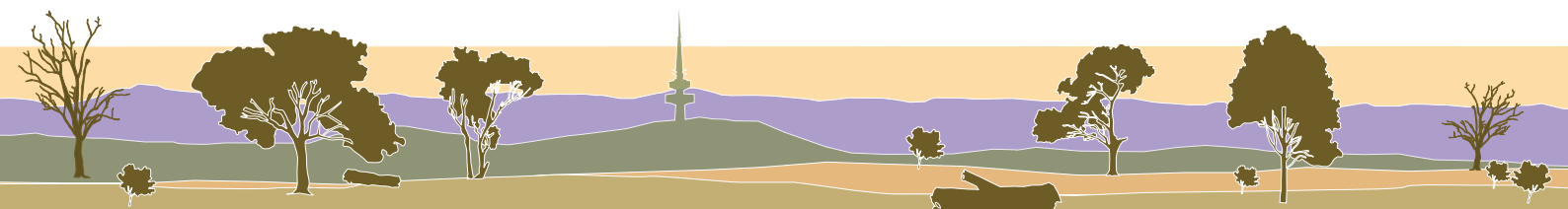
Photo: Kristen Abicair



Photo: Adrian Manning

Australia has the highest rate of mammal extinction of any continent on the planet. This has reduced biodiversity, and compromised many important ecological processes. What is the best way to re-build depauperate mammal communities with multi-species reintroductions? What effects do multi-species reintroductions have on recipient ecosystems?

This PhD will be part of the Australian Research Council-funded Bringing Back Biodiversity project, which is experimentally restoring the Eastern Chestnut Mouse (*Pseudomys gracilicaudatus*) to Mulligans Flat Woodland Sanctuary, and augmenting a population of reintroduced New Holland Mouse (*Pseudomys novaehollandiae*). This is part of a highly successful project that has already reintroduced a number of species into this Sanctuary, such as the Eastern Bettong (*Bettongia gaimardi*). The aim of this project will be to investigate the reintroduction biology of the Eastern Chestnut Mouse and New Holland Mouse to inform future reintroductions. Key to this will be understanding the ecological and behavioural shifts following translocation to a novel environment. We are seeking applications from a highly qualified and motivated candidate. This is a major collaborative research project between the ACT Government, Australian National University, CSIRO and the James Cook University, and is part of the long-term Mulligans Flat – Goorooyarroo Woodland Experiment.



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Eligibility

The successful candidate will have a background and interests in animal behaviour, conservation biology, zoology, ecology or similar. Specialist skills relevant to the subject of the PhD project, including experience in field ecology, will be a distinct advantage.

First class Honours (or equivalent academic qualifications) is a prerequisite for appointment.

Interested individuals are invited to submit an expression of interest stating their interests and ideas in this area of research, transcript(s) and their CV. Applicants should be citizens of New Zealand or Australia (or Australian permanent residents); international applicants may apply, however they must be able to demonstrate a source of support for tuition fees and health insurance. An expert supervisory panel that matches the skills of the successful applicant will be appointed.

The successful candidate must secure an ANU or APA PhD stipend scholarship (\$26,288 AUD tax free (2016 rate for 3 years). Upon confirmation of the scholarship, an \$8,000 per annum top-up scholarship (for 3 years) will be awarded. Operating funds are also available as part of the broader project.

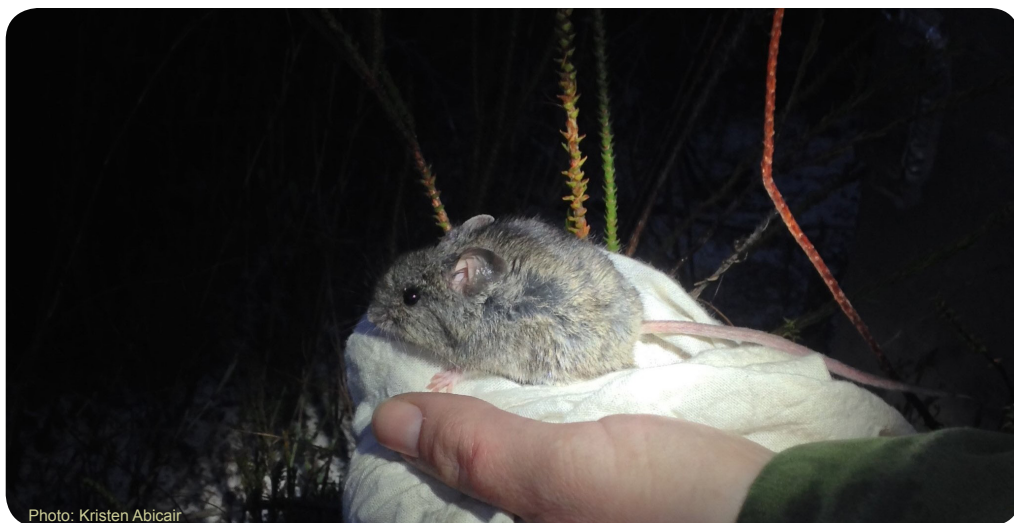


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Closing date: Position will be open until filled.

