

Progress Report STP 2017-003 (FY 2016-2017)

**Movement and demographics of the Reintroduced
Bettongia lesueur (Burrowing Bettong or Boodie)
within a feral proof enclosure at Matuwa (Lorna
Glen) WA.**

Animal Science

Project Core Team

Supervising Scientist	Colleen Sims
Data Custodian	Colleen Sims
Site Custodian	

Project status as of July 28, 2017, 12:20 p.m.

Approved and active

Document endorsements and approvals as of July 28, 2017, 12:20 p.m.

Project Team	granted
Program Leader	granted
Directorate	granted

Movement and demographics of the Reintroduced *Bettongia lesueur* (Burrowing Bettong or Boodie) within a feral proof enclosure at Matuwa (Lorna Glen) WA.

C Sims, M Blythman

Progress Report

The Rangelands Restoration project at Matuwa (Lorna Glen) in the northern Goldfields aims to reintroduce several of the threatened mammals species that once occurred in the rangelands. This Honours project will determine habitat use, home range size and movement patterns of resident boodies (*Bettongia lesueur*) within the Matuwa enclosure. The information from this project will inform selection of release site, release strategies and predator management for planned wild translocations of boodies outside the fence in 2018. Similar monitoring of released boodies will compare movement patterns exhibited by translocated animals, to these baseline patterns of resident animals. The first field trip, collaring and monitoring boodies from one warren is underway. The student has begun habitat mapping and additional warrens will be monitored over the next 7-8 months.