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# STUDENT PROJECT 2012-230 WILDLIFE ECOLOGY IN THE SOUTHERN JARRAH FOREST

## STUDENT REPORT

title and summary

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### Report Status

Status	Last Updated
Planning -	

### Science Project Overview

Part	Checklist Last Updated
Part A - Summary & Approval	bla

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## Progress Report

This project will investigate ecological attributes of woylie and other small mammals in the jarrah forest. Specifically it aims to: i) complete a baseline survey of the small terrestrial vertebrates in Perup Nature Reserve; ii) investigate patterns of distribution and abundance of small vertebrates in the southern jarrah forest in relation to habitat; iii) calculate an estimate of woylie (*Bettongia penicillata*) home-range size in and outside the newly constructed Perup Sanctuary; iv) investigate spatial patterns in the current distribution of woylies across the Upper Warren Region in relation to habitat variables; and v) investigate temporal patterns in the distribution of woylies across the Upper Warren Region over the past three decades.

Progress to date includes the completion of radio tracking and collection of data for woylie home-range analysis; completion of baseline surveys of small vertebrates in and outside Perup Sanctuary and across habitat types; and completion of habitat surveys of Upper Warren regional monitoring trapping points for woylies. A report has also been completed on the baseline survey of small terrestrial vertebrates and the patterns of distribution and abundance in relation to habitat in the Perup Nature Reserve.