

Report on remote camera survey of *Potorous longipes* – Yalmy Rd.

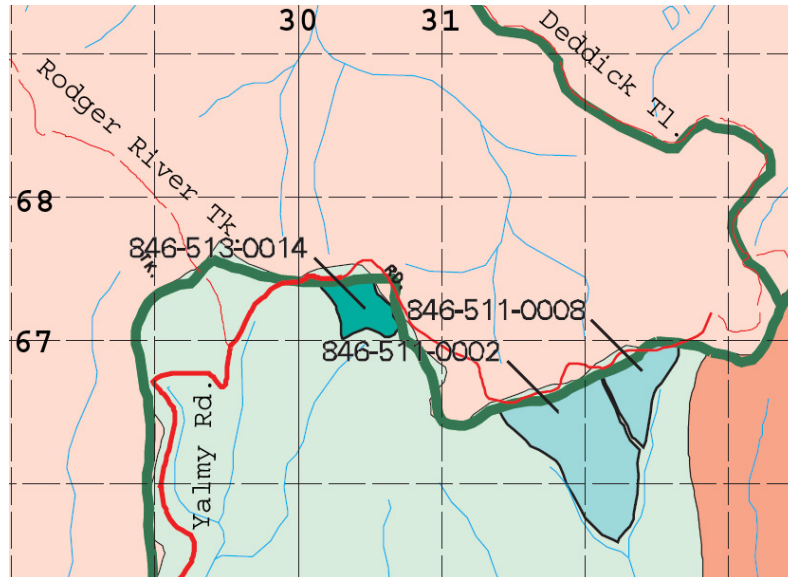
Study location	YALMY ROAD
Coupe Number	846-513-0014
Date of report	18/05/09
Organisations	Fauna and Flora Research Collective - East Gippsland Goongerah Environment Centre Environment East Gippsland
Aim of study	To determine presence/absence of <i>Potorous longipes</i>
Method of study	Baited remote survey cameras

Study location Yalmy Road (between Rodger River Track and Deddick Trail). The studied area is indicated in figure 1 (Coup 846-513-0014).

Figure 1: Study area

(Detail from *Orbost Forest District, Timber Release Plan Harvest Years 2004/2005 – 2008/2009*)

Datum: AGD66)



Habitat description Cameras were placed in forest varying from cool temperate rainforest to mixed age wet sclerophyll forest dominated by *Eucalyptus regnans*.

The site yielding the *P. longipes* was wet sclerophyll forest

Date of study 22/04/2009 - 06/05/2009

Participants Andrew Lincoln, Joseph Henderson, Rena Gaborov, Stuart Paton, David Caldwell

Used method of Study 2 Moultrie cameras were placed out each with a pistachio essence based bait and truffle essence bait in separate pvc plumbing fitting hairtube.

1 Moultrie camera and 1 GL80 was placed out with pistachio essence based baits in three tea infusers pinned to the ground.

1 Moultrie camera was placed with pistachio essence bait in a tea infuser in a clear plastic hairtube.

Cameras were downloaded 3 times during this study.

Hairs were not collected.

Results of survey Two positive identifications of *P.longipes* on one camera in wet sclerophyll forest. First recording was on the 18th of April at 2:49 am (figures 2a-2b). Second recording was on the 28th of April at 9:48 pm (figures 3a-3b).

Camera Location:
55H 0630721 // 5867208
(UTM/UPS, GDA94)



Figure 2a.

Figure 2b.



Figure 3a.

Figure 3b.

Summary

The discovery of *P. longipes* in the studied area is considered significant to the participating surveyors due to the current conservation status of this species;

“Conservation Status***Current Status***

ESPA (1992) Endangered in Australia

CNR (1993a) Endangered in Victoria

SAC (1991) Threatened

The Long-footed Potoroo has been listed as a threatened

taxon in Schedule 2 of the Flora and Fauna Guarantee Act

*1988.*¹

The area of this discovery is currently designated as a proposed logging coupe by VicForests under their *East Gippsland Forest Management Area – 15, Orbost Forest District, Timber Release Plan Harvest Years 2004/2005 – 2008/2009* as coup no. 846-513-0014.

The obvious conflict between the existence of a threatened/ endangered species, recognised at both the state and national level, and plans to log its habitat must be addressed without delay. The proposed logging of this area is likely to negatively impact on the species and its required habitat, hence should be placed under protection.

Authors

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A. Lincoln

¹ *Flora and Fauna Guarantee Action Statement #58*, Department of Sustainability and Environment, V.C. Thomas, S.R. Henry, and D.J. Baker-Gabb, 1994