

OLD MILL TRACK – MARTINS CREEK

LONG FOOTED POTOROO DETECTION WITHIN VICFOREST
SCHEDULED LOGGING COUPES

Report on remote camera survey of *Potorous longipes*

Date of Report	18/07/2010
Study area	Within the VicForests scheduled logging coupes listed below. In the vicinity of Old Mill Track, Bonang Road and Martins Creek Track (within the Martins Creek Forest Block). See study location map below for more details.
Coupe Numbers Concerned	836-516-0005, 836-516-0006
Date of study	17/05/2010 – 17/07/2010
Aim of study	To determine presence/absence of <i>Potorous longipes</i>
Method of study	Baited remote survey cameras
Abstract	<ul style="list-style-type: none">• This survey detects the presence of <i>Potorous longipes</i> within or adjacent to the coupes listed above. These detections are further detailed below.• This detection is by way of video footage. Evidence of this detection is detailed below.
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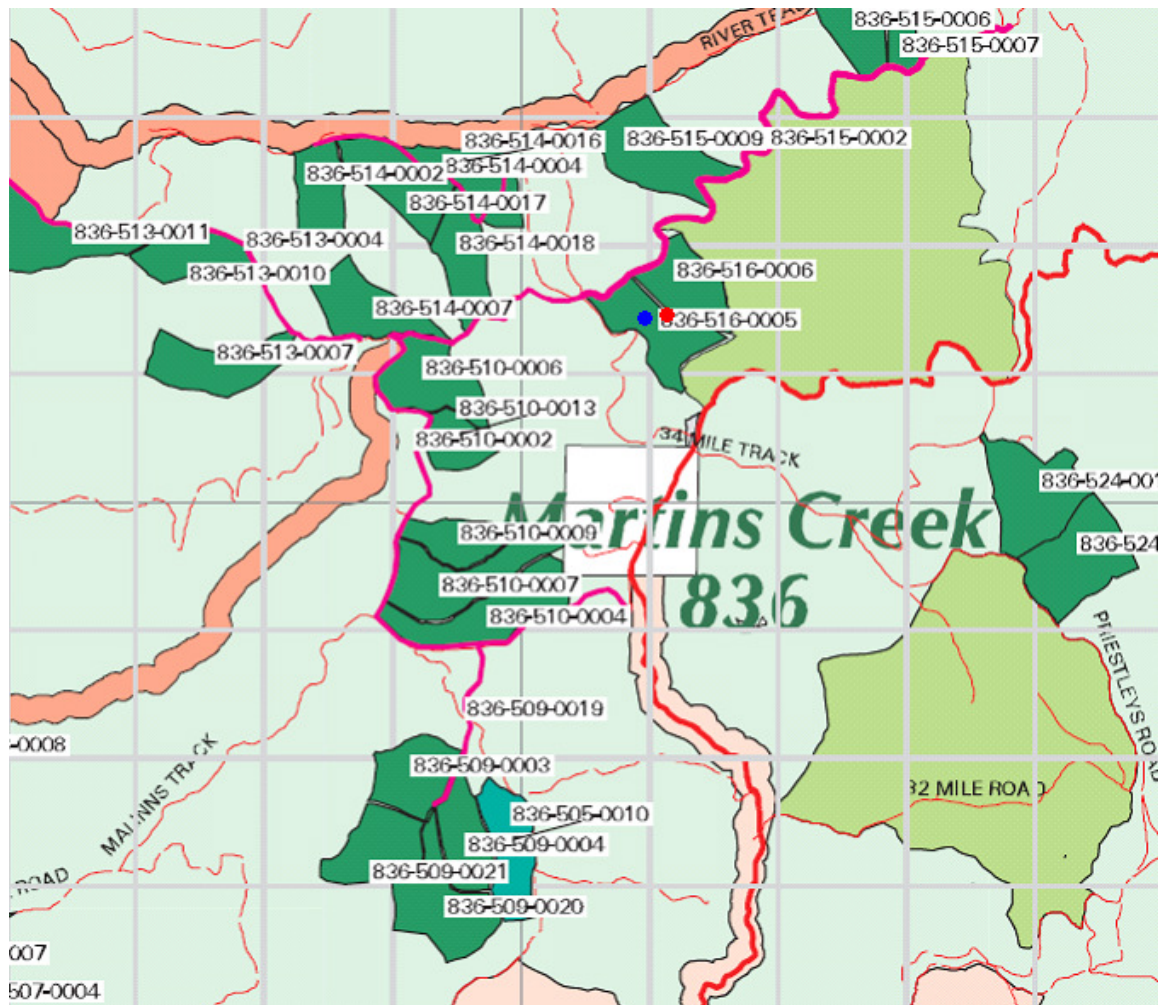
Study location

Incorporating coupes listed in “Coup numbers concerned” above and displayed on the following map titled Figure 1. Detection site has been drawn on this map and is explained according to the following key.

Map Key:

- *Potorous longipes* remote camera detection
- Diggings indicating presence of *Potorous longipes*

Figure 1: Study area displayed on; Detail from *East Gippsland FMA - Orbost District, Approved Timber Release Plan with amendments applied - Harvest Years 200910 – 201314 – Vicforests, 16/07/09*
Datum: GDA 94



Results of survey

1. *P.longipes* camera detection.
Camera used; Scout Guard
Camera settings; 1x 30 second video
Bait; Honey/Oats/Peanut Butter/Truffle oil

*Camera Location**
55H 0641152 // 5861442
(GDA94, UTM/UPS)

1 recording was on; 13/06/2010
(Corresponding to Figures 2-5 below. Note; figure 2 is the opening image of the video and figures 3-5 are stills captured from later on in the 30 second video)

NB: Figure 5 shows a second set of "eye-shine" to the right of screen. The video demonstrates better that this is likely a second potoroo at the site.

Figure 2.

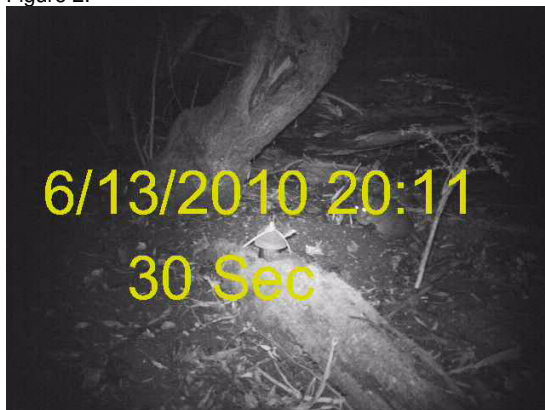


Figure 3.



Figure 4.



Figure 5.



* NB: Camera was moved to this location on the 07/06/2010
Previous Camera Location (approximately 50m downhill to SE)
55H 0641216 // 5861431
(GDA94, UTM/UPS)

Results of survey

2. Diggings indicating the presence of *P. longipes* were detected on the 17/07/2010

Photos were taken of these diggings and they are shown below as figures 6-8.

Location of diggings photos;
55H 0640979 // 5861423
(GDA94, UTM/UPS)

Figure 6.



Figure 7. With stick placed inside to measure depth of hole. Figure 8. Stick that was placed inside.



Summary

Two *P. longipes* individuals were recorded once by video footage.

Diggings indicating the presence of *P. longipes* were encountered once.

Discussion

The area of this discovery is currently designated as scheduled logging coupes by VicForests under their East Gippsland FMA - Orbost District, Approved Timber Release Plan with amendments applied - Harvest Years 200910 – 201314 – Vicforests, 16/07/09.

The obvious conflict between the existence of an endangered species, recognised at both the state and national level, as well as internationally (where the IUCN Red List of threatened species lists *P. longipes* as *endangered*) and plans to log its habitat must be redressed immediately.

Included at the end of this report are extracts from the 2009 reviewed action statement pertaining to the Long-footed Potoroo. These extracts highlight both the minimum actions required by land managers and users to assist the conservation of this species as well as the need to involve and respect the communities participation in this endeavor.

It is expected therefore that at least the actions in extract; "*Appendix 1: Prescriptions to be applied in state forests*" listed below will be enacted before any destructive practices to the species habitat, such as the scheduled logging, are pursued.

It is hoped that the conservation of the species is taken seriously and that in future areas containing Long-footed Potoroos are not scheduled for logging.

It is understood that this will require understanding presence/absence of threatened species in areas scheduled for destruction and that this too would be the minimum action a society required to act for the sustainability of its environment could undertake.

If the issues raised by this report concern your duties and responsibilities with regard to the action required in the Long-footed Potoroo action statement, please carry out these actions and respond to the author of this report with plans of your actions.

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18/07/2010
(Pages; 7)

Below are extracts from: “Action Statement – Flora and Fauna Guarantee Act – No. 58 (revised in 2009) – Long-footed Potoroo – *Potorous longipes*”, DSE, 2009

Conservation status

The Long-footed Potoroo (*Potorous longipes*) is listed as ‘endangered’ in Australia under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act).

The Long-footed Potoroo (*Potorous longipes*) is listed as ‘threatened’ in Victoria under the *Flora and Fauna Guarantee Act 1988* (FFG Act).

The Long-footed Potoroo (*Potorous longipes*) is considered ‘endangered’ in Victoria according to the Department of Sustainability and Environment’s (DSE) *Advisory List of Threatened Vertebrate Fauna in Victoria – 2007*.

Conservation Objective

Long term objective

To ensure that the Long-footed Potoroo can survive, flourish and retain its potential for evolutionary development in the wild.

Intended Management Actions

The intended management actions listed below are further elaborated in DSE’s Actions for Biodiversity Conservation (ABC) system. Detailed information about the actions and locations, including priorities, is held in this system and will be provided annually to land managers and other authorities. It is intended that the targets specified below be met within the five year timeframe of this Action Statement.

Objective I To protect populations or habitat from potentially incompatible use

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Action 4 Protect Long-footed Potoroo habitat at detection sites on public land outside the Core Protected Area

Establish additional protected areas where Long-footed Potoroos have been detected in State forest or other public land outside the Core Protected Area. In State forest, apply the protection measures specified in Appendix I. The protection measures will be formally reviewed in 2014.

Responsibility: DSE, VicForests

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Objective IV To increase community awareness and support

Target: Opportunities for involvement have been identified, promoted and supported.

Action 13 Develop and distribute community awareness material

Information on the need for special management of the Long-footed Potoroo and on the species’ ecology will continue to be distributed to the community, especially in East Gippsland (including the Dargo area) and north-east Victoria. The unique occurrence of the Long-footed Potoroo in these areas should be included as part of the promotion of ecotourism, forest management and the wildlife of the regions. Liaison with deer hunting associations (and especially hunters who use hounds) will be increased to improve their understanding of the importance of the baiting program for the great Dividing Range population and to try to develop mechanisms to minimise the risks of baiting to hunters’ dogs. Fact sheets should be added to the DSE website to increase the accessibility of information.

Responsibility: DSE, Parks Victoria

Action 14 Involve the community in recovery activities

Involve the community in the management of the Long-footed Potoroo by providing opportunities for volunteers to assist with field work if appropriate.

Responsibility: DSE

Appendix I: Prescriptions to be applied in State forest:

1. Each Long-footed Potoroo (LFP) detection site outside the Core Protected Area will generate a Special Management Zone (SMZ) of approximately 150 ha.
2. As far as possible, SMZ boundaries will follow recognisable landscape features such as ridges, spurs and watercourses.
3. Within each SMZ, at least one third (~50 ha) will be protected from timber harvesting and new roading.
4. This will be known as Long-footed Potoroo Retained Habitat.
5. The LFP Retained Habitat will include the best LFP habitat in the SMZ, which will generally be in gullies and on lower, sheltered slopes.
6. The LFP Retained Habitat may include areas otherwise unavailable for timber harvesting due to restrictions under the Code of Practice for Timber Harvesting.
7. The SMZ will also have a general restriction of one third of the total area that can be harvested in any three year period. If more than one coupe is to be harvested in an SMZ in the same year, the coupes must be separated by at least the equivalent of another coupe width.
8. The SMZ, with the LFP Retained Habitat clearly delineated, will be shown as part of the Forest Management Area zoning scheme.
9. The SMZ will be designed by DSE, in consultation with VicForests, and approved by DSE.
10. If the ~150 ha area includes any part of an existing conservation reserve or Special Protection Zone (SPZ), these areas will retain their existing reservation or zoning status but will be considered for inclusion as part of the area of retained habitat. In such cases, the final area designated as SMZ may be correspondingly smaller.

End of extracts.