

#2 CATTLEYARD TRACK – GREENS ROAD RICH FOREST BLOCK

Report on remote camera survey of *Potorous longipes* and *Dasyurus maculatus*

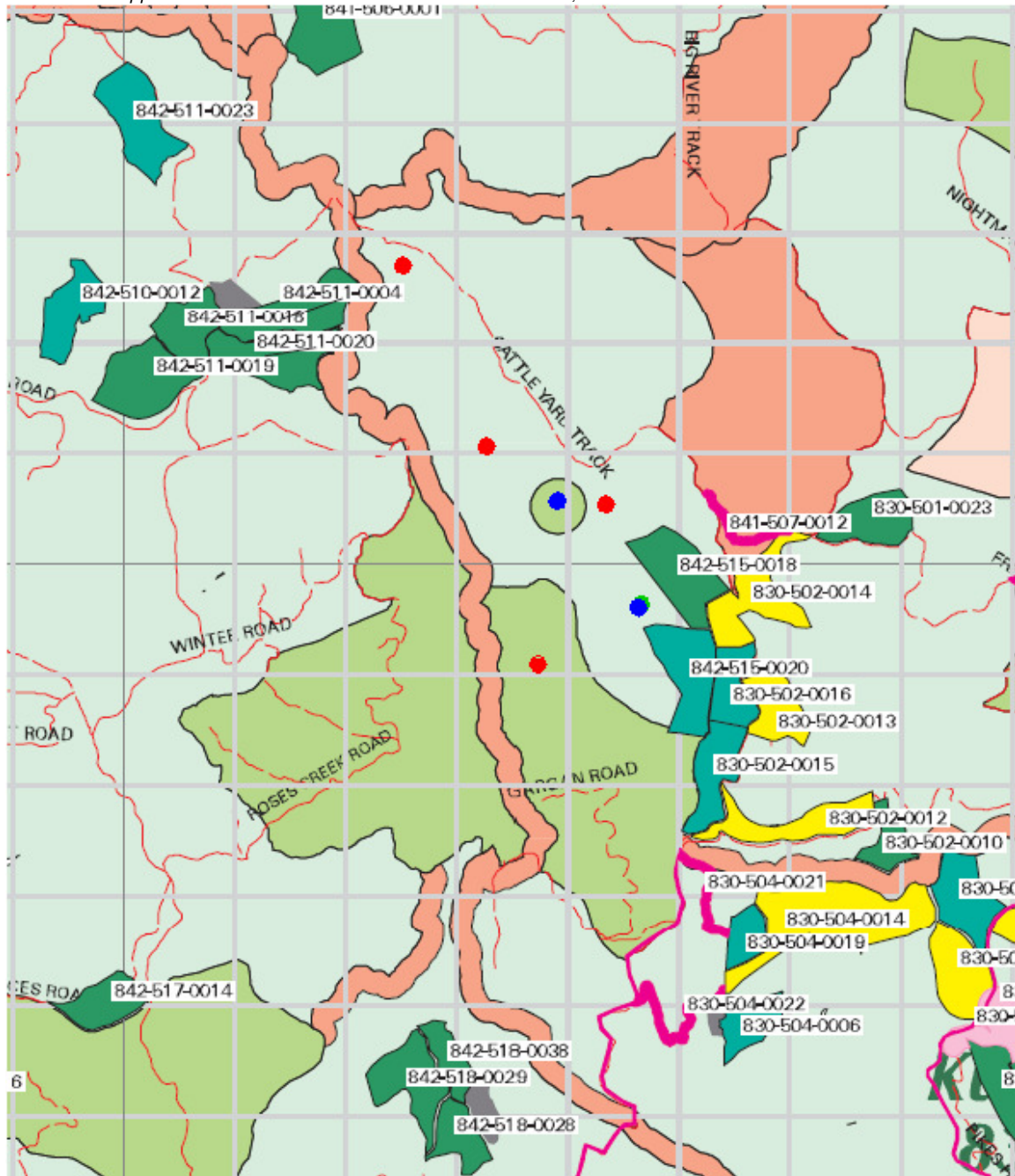
Date of Report	07/10/2010
Study area	Within or adjacent to the VicForests scheduled logging coupes listed below. Within the Rich Forest Block in the vicinity of Cattleyard Track and Greens Road. See study location map below for more details.
Coupe Numbers Concerned	<i>Coups listed on Approved TRP (including some which have already been logged or logged in part);</i> 842-511-0004, 842-511-0018, 842-511-0020, 842-515-0018, 842-515-0020, 830-502-0014, 830-502-0015, 830-502-0016 <i>Proposed Additional Coupes to Orbost TRP;</i> 842-511-0029, 842-511-0030, 842-511-0031, 842-511-0032, and 842-511-0033, 842-515-0012, 842-515-0013, 842-515-0014, 842-515-0015, 842-515-0016, 842-515-0017, 842-515-0019, 842-515-0021, 842-515-0022, 842-515-0023, 842-515-0024, 842-515-0025, 842-515-0026 * Proposed coupes not displayed on accompanying map, see previous report
Date of study	22/08/2010 – 01/10/2010
Aim of study	To determine presence/absence of <i>Potorous longipes</i> To determine presence/absence of <i>Dasyurus maculatus</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.• These detections are by way of video footage. Evidence of these detections is detailed below.
Surveyors	David Caldwell, Robert Johnston, Juliana Lee, Andrew Lincoln, Frank Bird, Shelly McLaren
Author	Andrew Lincoln asl80@hotmail.com (5 pages)

Study location Displayed on the following map titled Figure 1.
 Detection sites have been drawn on this map and are explained according to the following key.

Map Key:

- Previously reported *Potorous longipes* remote camera detection
- Previously reported *Potorous longipes* diggings
- Additional *Potorous longipes* remote camera detections

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, 23/08/10*



Results of survey

1. *P.longipes* camera detection.
Camera used; Moultrie
Camera settings; 1x Photo and 1x 5 second video

Carnivore Bait: Chicken secured in wire mesh and attached to star-picket at between 50cm and 100cm above ground.

Camera Location
55H 0653919 // 5850600
(GDA94, UTM/UPS)

One recording on; 07/09/2010
(Corresponding to Figure 2 below. Note; figure 2a is the photo and 2b is a still taken from the 5 second video)

Figure 2a.



Figure 2b.



Results of survey

2. *P.longipes* camera detection.
Camera used; Moultrie
Camera settings; 1x Photo and 1x 5 second video

Bait: Honey/Oats/Peanut Butter w. Truffle Oil

Camera Location
55H 0654619 // 5849652
(GDA94, UTM/UPS)

3 recordings were on; 07/09/2010, 12/09/2010 and 20/09/10
(Corresponding to Figures 3-5 below. Note; eg. figure 3a is the photo and 3b is a still taken from the 5 second video)

Figure 3a.



Figure 3b.





Figure 5a.



Figure 5b.



Summary

P. longipes was detected four times by way of video footage.

D. maculatus was not detected.

Discussion

Clear fell logging has already occurred this year in VicForests scheduled coupe 842-515-0018 and some logging may have occurred in coupe 842-515-0020. It is understood that this logging occurred around the time of the detections previously submitted to VicForest and the Department as referred to above and contained within the report; "POTOROO SMA – CATTLEYARD TRACK - Report on remote camera survey of *Potorous longipes*", A. Lincoln, 27/05/2010.

No further logging should occur in these or any other proximate coupes until appropriate FFGA required SPZ and SMZ amendments have been made consequent to each of the detections reported in this and the previous report.

Appropriate pre logging surveys for threatened species, in particular for the endangered Long Footed Potoroo, need to be undertaken prior to plans to clear fell log areas of likely habitat for this and other threatened species.

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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