

GOONGERAH ENVIRONMENT CENTRE

SOUTHERN GREATER GLIDER (*Petauroides volans*)

DETECTION REPORT

Dartmoor Track – Bendoc State Forest - East Gippsland

Abstract:

Forest areas within and adjacent to VicForests' logging coupe 895-506-0011 and 895-506-0014 off Dartmoor Track were surveyed to assess the presence of nocturnal fauna. Three Southern Greater Gliders (*Petauroides volans*) were detected during a nocturnal spotlight survey conducted on 23 and 24 January 2022.

A waypoint was created at the location of one the Greater Gliders detected, the approximate location of the other detections was recorded using compass bearing and estimated distance. Surveyors filmed the Greater Gliders using a video recorder where possible.

The methodology and results from these surveys are further detailed within this report.

Surveyors

Team 1

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Team 2

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Date of survey

23 and 24 January 2022

Date of report

4 February 2022



Method: Nocturnal fauna spotlight survey conducted 23 and 24 January 2022

Equipment Used

- Hand-held Spotlights
- Global Positioning System (GPS) [Garmin GPSMAP 64s]
- Video recorder
- Compass

Method used

1. Survey team 1 commenced a nocturnal fauna survey at approximately 10pm on 23 January in and adjacent to VicForests logging coupe 895-506-0011. Survey team 2 commenced a nocturnal fauna survey at approximately 11.30pm on 23 January in and adjacent to VicForests logging coupe 895-506-0014.
2. Surveyors used spotlights to detect eye shine of fauna.
3. When eye shine was seen, further illumination by the spotlight was used to identify the species.
4. A waypoint was created on a handheld GPS at the location of all Greater Gliders detected by the first survey team. The second survey team recorded the approximate location by using a compass bearing and estimated distance from where the surveyor first detected the Greater Glider and created the waypoint. Surveyors recorded video footage of the glider where possible. See the results of the surveys in the tables and corresponding map below.

Results

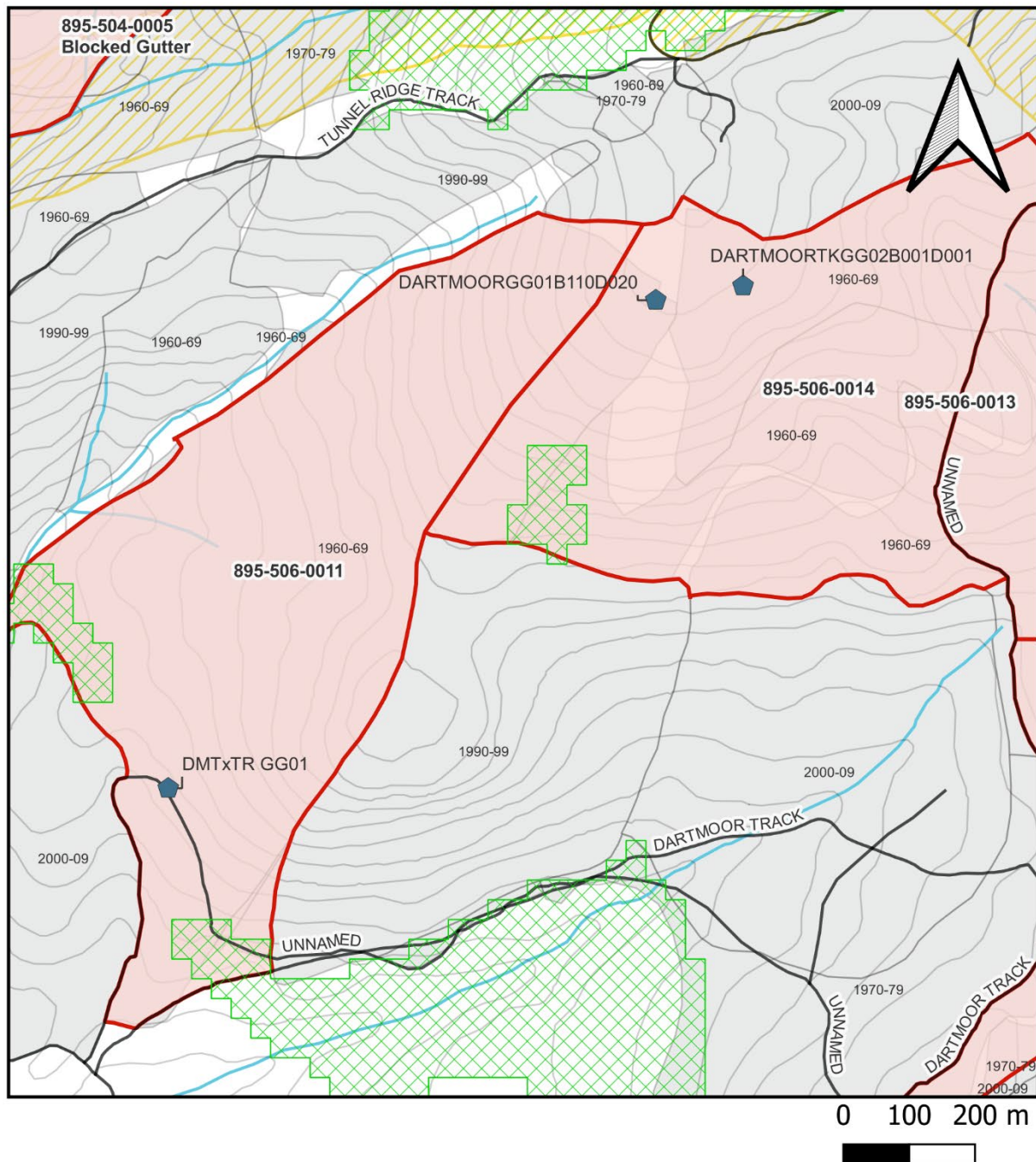
Table 1: Results from nocturnal spotlight survey conducted 23 and 24 January by survey team 1

Time	Waypoint ID	Species	Type	Bearing	Distance	Location (GDA94)
22:17	DMTxTR GG01	Southern Greater Glider (<i>P. volans</i>)	Visual	NA	NA	55 H 659698 5886331

Table 2: Results from nocturnal spotlight survey conducted 23 and 24 January by survey team 2

Time	Waypoint ID	Species	Type	Bearing	Distance	Location (GDA94)
23:47	DARTMOORGG0 1B110D020	Southern Greater Glider (<i>P. volans</i>)	Visual	110	20m	55 H 660438 5887073
00:23	DARTMOORTKG G02B001D001	Southern Greater Glider (<i>P. volans</i>)	Visual	001	1m	55 H 660571 5887095

Figure 1: Greater Glider detections in VicForests logging coupes 895-506-0011 and 895-506-0014



Legend

- Greater Glider detections
- VicForests approved TRP
- SPZ_from FMZ100
- MOG_2019
- LASTLOG25
- Roads
- Watercourses
- Contours

Created by Chris Schuringa for
Goongerah Environment Centre

2 February 2022
GDA/MGA Zone 55H

