

NOCTURNAL SURVEY

REPORT 12/10/2017

Coupe 307-503-0003 ‘Flow Zone’

Black Range Track, Toolangi State Forest

This report details the presence of a secondary Leadbeater's Possum (*Gymnobelideus leadbeateri*) colony, three Greater Gliders (*Petauroides volans*), a Yellow-Bellied Glider (*Petaurus australis*) and Tree Geebung (*Persoonia arborea*) detected within and adjacent VicForests active logging coupe 307-503-0003 ‘Flow Zone’

Abstract

Detailed below are basic details of significant Fauna and Flora recorded from a nocturnal survey on the 12th of October 2017 within and adjacent VicForests **active logging coupe 307-503-0003**.

Results 1. Figure 1, includes a table of the results of the nocturnal survey

Results 2. Figure 2(a-f), are still images and photographs taken where possible of the individuals recorded within and adjacent the above coupe. **Figure 2(g-h)**, are photographs taken of the clearfell operations within the indicative 200m Leadbeater's Possum protective buffer

Results 3. Figure 3, is a map detailing the significant Fauna and Flora recorded and other relevant features

Status of site assessed

- Logging operations are currently active for coupe 307-503-0003 and the Critically Endangered Leadbeater's Possum was recorded within 30 meters of these clearfell logging operations

Authors and Surveyors:

Jake McKenzie, Blake Nisbet

Wildlife Of The Central Highlands Inc.

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Date of report: 13/10/2017

Table information

- All of the below data was recorded on 12/10/2017 during a nocturnal spotlighting and thermal imaging camera survey within and adjacent to coupe 307-503-0003
- The last six digits of the 'Waypoint name' for the Yellow-Bellied Glider and Greater Gliders are the compass bearing and distance from the surveyor's location. The first three digits represent the degrees using a hand-held compass and the last three digits represent the projected distance directly beneath the individuals.

Results 1. Figure 1

Table of significant Flora and Fauna recorded within coupe 307-503-0003

Species Recorded	Time	Waypoint name	Coordinates (UTM, Zone 55 H)	Evidence	Detection method
Leadbeaters Possum (<i>Gymnobelideus leadbeateri</i>)	10:30	FLZLBP	55 H 374597 5844089	Video	Thermal imaging
Yellow-Bellied Glider (<i>Petaurus australis</i>)	9:07	FLZ03YBA130175	55 H 374752 5844308	N/A	Aural
Tree Geebung (<i>Persoonia arborea</i>)	9:50	FLZPA01+02	55 H 374568 5844339	Photographs	Visual
Greater Glider (1) (<i>Petauroides Volans</i>)	11:16	FLZ02GGV190020	55 H 374718 5843935	Video + Photographs	Visual
Greater Glider (2) (<i>Petauroides Volans</i>)	11:28	FLZ03GGV000000	55 H 374874 5843829	Video + Photographs	Visual
Greater Glider (3) (<i>Petauroides Volans</i>)	11:46	FLZ04GGV080025	55 H 375329 5843842	Video + Photographs	Visual

Results 2.

Figure 2(a-f), Still images and photographs taken of significant Flora and Fauna recorded.



Figure 2(a). Still image of the Leadbeater's Possum recorded at approximately "55 H 374597 5844089' (UTM, Zone 55 H)";



Figure 2(b). Still image #2 of the Leadbeater's Possum recorded at approximately "55 H 374597 5844089' (UTM, Zone 55 H)";



Figure 2(c). Still image of the Tree Geebung recorded at approximately "55 H 374568 5844339" (UTM, Zone 55 H);



Figure 2(d). Photograph of the Greater Glider (1) recorded at approximately "55 H 374718 5843935" (UTM, Zone 55 H);



Figure 2(e). Still image of the Greater Glider (2) recorded at approximately “55 H 374874 5843829’ (UTM, Zone 55 H)”;



Figure 2(f). Still image of the Greater Glider (3) recorded at approximately “55 H 375329 5843842’ (UTM, Zone 55 H)”;

Figure 2(g-h), Photographs taken of the clearfell operations within Leadbeater's Possum habitat.



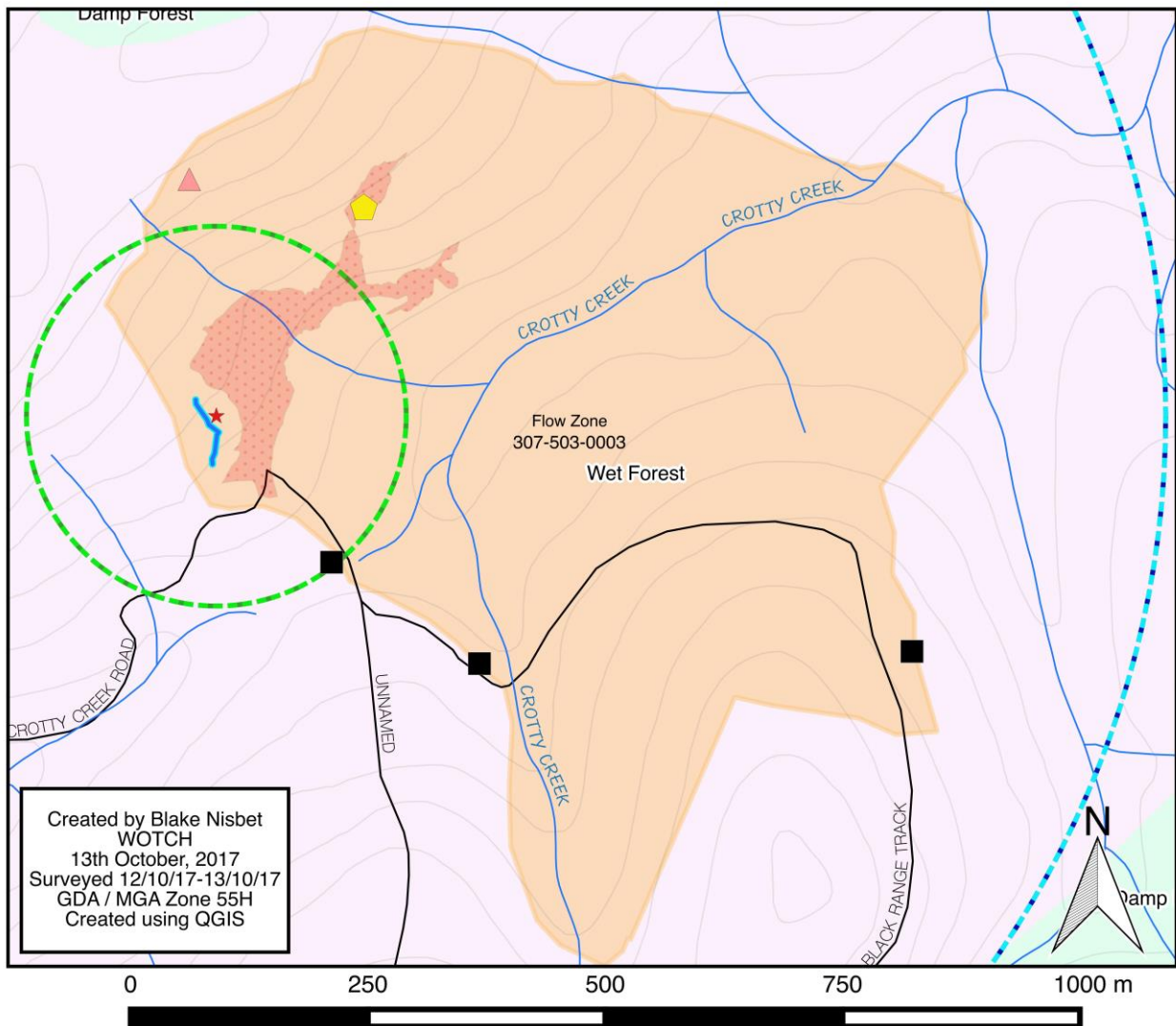
Figure 2(g). Destruction within Leadbeater's Possum habitat.



Figure 2(h). Clearfell logging operations within Leadbeater's Possum habitat.

Results 3 – Figure 3. Map, Significant Flora and Fauna Recorded

Results 3. Figure 3. Significant Flora and Fauna recorded within coupe 307-503-0003; Leadbeater's Possum, Yellow-Bellied Glider, Tree Geebung and Greater Gliders; VicForests Logging Coupe, Approximated Clearfell Extents And Relevant Blue Demarcation Tapes; Roads, Watercourses, Contours and EVC's



Legend

- | | | | |
|---|------------------------------------|-------|--------------------------|
| ★ | Leadbeater's Possum Detection | ■ | VicForests Logging Coupe |
| □ | Indicative 200m LBP Buffer | — | Watercourses |
| □ | Recommended 1km LBP Buffer | — | Contours |
| ◆ | Yellow-Bellied Glider (Aural) | — | Roads |
| ▲ | Tree Geebung (<i>P. arborea</i>) | EVC's | |
| ■ | Greater Gliders | ■ | Damp Forest |
| ■ | Approximated Clearfelled Extents | ■ | Wet Forest |
| — | Digitized Blue Demarcation Tapes | | |

Discussion/Conclusion/Recommendations

1. A nocturnal survey was undertaken within and adjacent coupe 307-503-0003 on 12/10/2017 to detect the presence/absence of rare or threatened species.
2. As detailed above in this reports results section, many threatened species were recorded within and adjacent coupe 307-503-0003 including the Leadbeater's Possum, Greater Glider and Tree Geebung.
3. DELWP must ensure these significant biodiversity values are protected and refrain VicForests from any further logging operations within coupe 307-503-0003.
4. As shown in Results 3. Figure 3, the Critically Endangered Leadbeater's Possum is located within the Demarcation Blue Boundary tapes and within 30m of the active clearfelling operations. Any further logging within the 200m Leadbeater's Possum exclusion zone is a breach of the Code of Practice for Timber Production 2014.
5. Further surveys must be undertaken within coupe 307-503-0003 to identify these and other rare or threatened species in all areas of the logging coupe that weren't subject to a nocturnal survey as detailed within this report.

