

Appendix I5

Mount Emerald Wind Farm - Camera Trapping Results

Prepared by RPS

Camera trapping Results – MEWF project

The 13 camera traps were active at the Mt Emerald Wind Farm site with photographs collected over 213 days for a collective 1,600 camera trapping days. The longest period a camera was installed for was CDF16 for 202 days and the shortest period of time was for CDF1 installed for 33 days (Table 1).

Table 1 Camera trap locations and activity.

Camera Trap	Location (UTM)	Active Days	Number of times data was collected	Date installed at location	Date removed from location
CDF1	55 K 327420 8099401	33	3	8-1-2013	20-2-2013
CDF2	55 K 326500 8100299	193	7	8-1-2013	8-8-2013
CDF3	55 K 326669 8100205	44	2	8-1-2013	20-2-2013
CDF4	55 K 327277 8099727	44	2	8-1-2013	20-2-2013
CDF7	55 K 328464 8101079	44	1	9-1-2013	20-2-2013
CDF8	55 K 328652 8100799	44	1	9-1-2013	20-2-2013
CDF10	55 K 328340 8100272	171	4	9-1-2013	8-8-2013
CDF11	55 K 327875 8099492	86	1	19-2-2013	16-5-2013
CDF12	55 K 327361 8099406	171	6	20-2-2013	23-8-2013
CDF13	55 K 327321 8099774	185	5	20-2-2013	23-8-2013
CDF14	55 K 326786 8100287	184	6	21-2-2013	23-8-2013
CDF15	55 K 327855 8099972	199	5	21-2-2013	6-9-2013
CDF16	55 K 328340 8101041	202	5	21-2-2013	9-9-2013

A total of 33 species were positively identified at the camera traps. The most commonly recorded species were the Rufous Bettong, Black-footed Tree Rat and an unidentified Rodent (Muridae).

Table 2 List of species identified through camera trapping

	Scientific Name	Common Name	Number of Images
1	<i>Aepyprymnus rufescens</i>	Rufous Bettong	3991
2	<i>Boiga irregularis</i>	Brown Tree Snake	3
3	<i>Carlia</i> spp.	Rainbow Skink - unknown species	43
4	<i>Centropus phasianinus</i>	Pheasant Coucal	14
5	Class <i>Insecta</i>	Insecta - unknown	6
6	<i>Coturnix ypsilophora</i>	Brown Quail	240
7	<i>Cracticus tibicen</i>	Australian Magpie	129
8	<i>Dacelo novaeguineae</i>	Laughing Kookaburra	13
9	<i>Dasyurus hallucatus</i>	Northern Quoll	138
10	<i>Dendrelaphis punctulata</i>	Common Tree Snake	36
11	<i>Diporiphora bilineata</i>	Two-lined Dragon	78
12	Family <i>Elapidae</i>	Snake - unknown front-fanged species	55
13	Family <i>Muridae</i>	Rodent - unknown species	4112
14	Family <i>Scincidae</i>	Skink - unknown species	74
15	<i>Felis catus</i>	Feral Cat	113
16	<i>Isodon macrourus</i>	Northern Brown Bandicoot	198
17	<i>Litoria rubella</i>	Desert Tree-frog	15
18	<i>Lymnodynastes ornatus</i>	Ornate Burrowing-frog	6
19	<i>Macropus parryi</i>	Pretty-faced Wallaby	332
20	<i>Macropus robustus</i>	Common Wallaroo	66
21	<i>Melomys burtoni</i>	Grassland Melomys	18
22	<i>Mesembriomys gouldii</i>	Black-footed Tree Rat	5597
23	Order <i>Anura</i>	Frog	2
24	Order <i>Diptera</i>	Fly	14
25	Order <i>Hymenoptera</i>	Wasp	28
26	Order <i>Lepidoptera</i>	Butterfly	32
27	Order <i>Orthoptera</i>	Grasshopper	125
28	<i>Psuedomys</i> spp.	Native mouse - species unknown	6
29	<i>Rhinella marina</i>	Cane Toad	159
30	<i>Tachyglossus aculeatus</i>	Short-beaked Echidna	24
31	<i>Trichosurus vulpecula</i>	Brush-tailed Possum	24
32	<i>Turnix varius</i>	Painted Button-quail	179
33	<i>Varanus tristis</i>	Black-headed Monitor	12