

Supplementary Material

Evaluating scat surveys as a tool for population and community assessments

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Table S1. All species captured by camera traps or scat surveys method in south east Tasmania, Australia. Crosses indicate when a species was not detected by a survey type. An * indicates species detected through non-scat signs (e.g. diggings, scratches, feathers). Target species of the study are highlighted in green.

Scientific species name	Common name	Camera observations	Scat / sign observations
Birds			
<i>Menura novaehollandiae</i>	Superb lyrebird	2510	126
<i>Strepera sp.</i>	Currawong (Grey or Black)	708	41
<i>Corvus tasmanicus</i> *	Forest raven	216	✗
<i>Phaps elegans</i>	Brush bronzewing	146	✗
<i>Zoothera lunulata</i>	Bassian thrush	56	✗
<i>Platycercus caledonicus</i> *	Green rosella	53	✗
<i>Phaps chalcoptera</i>	Common bronzewing	41	✗
<i>Pachycephala olivacea</i>	Olive whistler	28	✗
<i>Malurus cyaneus</i>	Superb fairywren	9	✗
<i>Ninox novaeseelandiae</i>	Southern boobook	5	✗
<i>Colluricincla harmonica</i>	Grey shrike-thrush	4	✗
<i>Petroica rodinogaster</i>	Pink robin	4	✗
<i>Tribonyx mortierii</i>	Tasmanian nativehen	4	✗
<i>Sericornis humilis</i>	Tasmanian scrubwren	3	✗
<i>Turdus merula</i>	Common blackbird	3	✗
<i>Melithreptus validirostris</i>	Strong-billed honeyeater	2	✗
<i>Podargus strigoides</i>	Tawny frogmouth	2	✗
<i>Accipiter fasciatus</i>	Brown Goshawk	1	✗
<i>Calyptorhynchus fune reus</i>	Yellow tailed black-cockatoo	1	✗
<i>Falco berigora</i>	Brown falcon	1	✗
<i>Lichenostomus flavicollis</i>	Yellow-throated honeyeater	1	✗
<i>Phylidonyris pyrrhopterus</i>	Crescent honeyeater	1	✗
<i>Rhipidura albiscapa</i>	Grey fantail	1	✗
<i>Turnix varius</i>	Painted buttonquail	1	✗
Mammals			
<i>Thylogale billardierii</i>	Tasmanian pademelon	6030	183
<i>Felis catus</i>	Feral cat	4838	✗
<i>Trichosurus vulpecula</i>	Common brushtail possum	3470	7
<i>Sarcophilus harrisii</i>	Tasmanian devil	2801	162
<i>Vombatus ursinus</i>	Common wombat	2353	191
<i>Macropus rufogriseus</i>	Bennetts wallaby	1390	59
<i>Dasyurus maculatus</i>	Spotted-tailed quoll	377	27
<i>Isoodon obesulus</i>	Southern brown bandicoot	190	✗
<i>Tachyglossus aculeatus</i>	Short-beaked echidna	149	3
<i>Bettongia gaimardi</i>	Tasmanian bettong	103	✗
<i>Dasyurus viverrinus</i>	Eastern quoll	44	1
<i>Perameles gunnii</i>	Eastern barred bandicoot	37	✗
<i>Pseudocheirus peregrinus</i>	Common ringtail possum	24	✗
<i>Potorous tridactylus</i>	Long-nosed potoroo	12	✗
<i>Antechinus swainsonii</i>	Dusky antechinus	11	✗
<i>Rattus rattus</i>	Black rat	11	✗
<i>Mastacomys fuscus</i>	Broad-toothed rat	9	✗
<i>Rattus norvegicus</i>	Brown rat	9	✗
<i>Canis lupus</i>	Domestic dog	7	✗
<i>Cercartetus nanus</i>	Eastern pygmy possum	7	✗

<i>Antechinus minimus</i>	Swamp antechinus	5	✗
<i>Oryctolagus cuniculus</i>	European rabbit	2	✗
<i>Petaurus breviceps</i>	Sugar glider	1	✗
<i>Pseudomys higginsi</i>	Long-tailed mouse	1	✗
<i>Rattus lutreolus</i>	Swamp rat	1	✗
<i>Sminthopsis leucopus</i>	White-footed dunnart	1	✗
Reptile			
<i>Notechis scutatus</i>	Tiger snake	1	✗