



Threatened and Priority Flora Report Form

Please complete as much of the form as possible, with emphasis on those sections bordered in black. For information on how to complete the form please refer to the Threatened & Priority Flora Report Form (TPRF) manual on the DBCA website at <http://dpaw.wa.gov.au/> under *Standard Report Forms*

TAXON: <u>Hibbertia spicata subsp. lepotheca</u>		TPFL Pop. No.: _____
OBSERVATION DATE: <u>18/09/18 - 18/12/18</u>	CONSERVATION STATUS: <u>P3</u>	New population <input checked="" type="checkbox"/>
OBSERVER/S: <u>Angela Benkovic and Erin Lynch</u>		PHONE: <u>62228361</u>
ROLE: <u>Botanist</u>	ORGANISATION: <u>GHD</u>	

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place):
Neerabup National Park and railway line. Within the proposed Mitchell Fwy extension corridor from Hester Ave to Romeo Rd

Reserve No.: R27575

DBC DISTRICT: <u>Swan Coastal</u>	LGA: <u>City of Wanneroo</u>	Land manager present: <input type="checkbox"/>
DATUM:	COORDINATES: (If UTM coords provided, Zone is also required)	METHOD USED:
GDA94 / MGA94 <input checked="" type="checkbox"/>	DecDegrees <input type="checkbox"/> DegMinSec <input type="checkbox"/> UTM <input checked="" type="checkbox"/>	GPS <input checked="" type="checkbox"/> Differential GPS <input type="checkbox"/> Map <input type="checkbox"/>
AGD84 / AMG84 <input type="checkbox"/>	Lat / Northing: <u>See attached data</u>	No. satellites: _____ Map used: _____
WGS84 <input type="checkbox"/>	Long / Easting: _____	Boundary polygon captured: <input type="checkbox"/> Map scale: _____
Unknown <input type="checkbox"/>	ZONE: _____	
LAND TENURE:		
Nature reserve <input type="checkbox"/>	Timber reserve <input type="checkbox"/>	Private property <input type="checkbox"/>
National park <input checked="" type="checkbox"/>	State forest <input type="checkbox"/>	Pastoral lease <input type="checkbox"/>
Conservation park <input type="checkbox"/>	Water reserve <input type="checkbox"/>	UCL <input type="checkbox"/> SLK/Pole _____ to _____
		Rail reserve <input type="checkbox"/> Shire road reserve <input type="checkbox"/>
		MRWA road reserve <input checked="" type="checkbox"/> Other Crown reserve <input type="checkbox"/>
		Specify other: _____

AREA ASSESSMENT: Edge survey <input type="checkbox"/> Partial survey <input type="checkbox"/> Full survey <input checked="" type="checkbox"/>	Area observed (m ²): <u>1046 ha</u>												
EFFORT: Time spent surveying (minutes): <u>28 days</u>	No. of minutes spent / 100 m ² : _____												
POP'N COUNT ACCURACY: Actual <input checked="" type="checkbox"/> Extrapolation <input type="checkbox"/> Estimate <input type="checkbox"/>	Count method: _____												
(Refer to field manual for list)													
WHAT COUNTED: Plants <input checked="" type="checkbox"/> Clumps <input type="checkbox"/> Clonal stems <input type="checkbox"/>													
TOTAL POP'N STRUCTURE:													
Alive	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Mature:</th> <th>Juveniles:</th> <th>Seedlings:</th> <th>Totals:</th> </tr> <tr> <td style="text-align: center;">214</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">Dead</td> <td></td> <td></td> <td></td> </tr> </table>	Mature:	Juveniles:	Seedlings:	Totals:	214				Dead			
Mature:	Juveniles:	Seedlings:	Totals:										
214													
Dead													
	Area of pop (m ²): _____												
	Note: Pls record count as numbers (not percentages) for database.												
QUADRATS PRESENT: No. _____ Size _____ Data attached <input type="checkbox"/>	Total area of quadrats (m ²): _____												
Summary Quad. Totals: Alive													
REPRODUCTIVE STATE: Clonal <input type="checkbox"/> Vegetative <input type="checkbox"/> Flowerbud <input checked="" type="checkbox"/> Flower <input checked="" type="checkbox"/>													
Immature fruit <input type="checkbox"/> Fruit <input type="checkbox"/> Dehisced fruit <input type="checkbox"/>	Percentage in flower: _____ %												

CONDITION OF PLANTS: Healthy Moderate Poor Senescent

COMMENT: _____

THREATS - type, agent and supporting information:	Current impact (N-E)	Potential Impact (L-E)	Potential Threat Onset (S-L)
Eg clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. Specify agent where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)			
• Clearing by MRWA for the Mitchell fwy extension from Hester Ave to Romeo Rd within Road reserve	L	L	M
•	---	---	---
•	---	---	---

Please return completed form to **Species And Communities Branch DBCA**,
 Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 OR email to: flora.data@dbca.wa.gov.au
RECORDS: Please forward to **Flora Administrative Officer**, Species and Communities Branch.
 Record entered by: _____ Sheet No.: _____ Record Entered in Database



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HABITAT INFORMATION:

LANDFORM:	ROCK TYPE:	LOOSE ROCK:	SOIL TYPE:	SOIL COLOUR:	DRAINAGE:
Crest <input type="checkbox"/>	Granite <input type="checkbox"/>	(on soil surface; eg gravel, quartz fields)	Sand <input checked="" type="checkbox"/>	Red <input type="checkbox"/>	Well drained <input checked="" type="checkbox"/>
Hill <input type="checkbox"/>	Dolerite <input type="checkbox"/>		Sandy loam <input type="checkbox"/>	Brown <input type="checkbox"/>	Seasonally inundated <input type="checkbox"/>
Ridge <input type="checkbox"/>	Laterite <input type="checkbox"/>	0-10% <input type="checkbox"/>	Loam <input type="checkbox"/>	Yellow <input type="checkbox"/>	Permanently inundated <input type="checkbox"/>
Outcrop <input checked="" type="checkbox"/>	Ironstone <input type="checkbox"/>	10-30% <input checked="" type="checkbox"/>	Clay loam <input type="checkbox"/>	White <input type="checkbox"/>	Tidal <input type="checkbox"/>
Slope <input type="checkbox"/>	Limestone <input checked="" type="checkbox"/>	30-50% <input type="checkbox"/>	Light clay <input type="checkbox"/>	Grey <input checked="" type="checkbox"/>	
Flat <input type="checkbox"/>	Quartz <input type="checkbox"/>	50-100% <input type="checkbox"/>	Peat <input type="checkbox"/>	Black <input type="checkbox"/>	
Open depression <input type="checkbox"/>	Specify other: _____		Specify other: _____	Specify other: _____	
Drainage line <input type="checkbox"/>					
Closed depression <input type="checkbox"/>					
Wetland <input type="checkbox"/>					
	Specific Landform Element:				
	(Refer to field manual for additional values)				
CONDITION OF SOIL:	Dry <input checked="" type="checkbox"/>	Moist <input type="checkbox"/>	Waterlogged <input type="checkbox"/>	Inundated <input type="checkbox"/>	

VEGETATION CLASSIFICATION*:

Eg: 1. Banksia woodland (B. attenuata, B. ilicifolia);
 2. Open shrubland (Hibbertia sp., Acacia spp.);
 3. Isolated clumps of sedges (Mesomelaena tetragona)

1. Mid shrubland of Melaleuca huegelii, M. systema and Grevillea preissii subsp. preissii
2. open understorey of Desmocladus flexuosus, Banksia dallanneyi and Styliidium maritimum
- 3.
- 4.

ASSOCIATED SPECIES:

Calothamnus quadrifidus subsp. quadrifidus, Acacia lasiocarpa var. lasiocarpa
 Mesomelaena pseudostygia and Lomandra maritima

Other (non-dominant) spp

* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 Australian Soil and Land Survey Field Handbook guidelines – refer to field manual for further information and structural formation table.

CONDITION OF HABITAT: Pristine Excellent Very good Good Degraded Completely degraded

COMMENT:

FIRE HISTORY: Last Fire: Season/Month: ___ Year: 5>10yrs ___ **Fire Intensity:** High Medium Low No signs of fire

FENCING: Not required Present Replace / repair Required Length req'd: _____

ROADSIDE MARKERS: Not required Present Replace / reposition Required Quantity req'd: _____

OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)

DRF PERMIT/ LICENCE No: SL012366

Note if only observing plants (i.e. no specimens or plant material is taken) then no permit/licence is required. For further information on permit and licensing requirements see the Threatened Flora and Wildlife Licensing pages on DBCA's website. Any actions carried out under licence/permit should be recorded above in the OTHER COMMENTS section.

SPECIMEN: Collectors No: _____ WA Herb. Regional Herb. District Herb. Other: _____

ATTACHED: Map Mudmap Photo GIS data Field notes Other: _____

COPY SENT TO: Regional Office District Office Other: _____

Submitter of Record: Angela Benkovic Role: Botanist Signed: [Signature] Date: 05/03/2019

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Appendix E – Fauna data

Fauna species list

Trapping results

Camera trap results

Black Cockatoo habitat assessment data

Black Cockatoo Tree monitoring data

Fauna likelihood of occurrence

Fauna list for previous and this survey

Family	Taxon	Common Name	Listing	CALM 1993	Maryan pers comm. 1996- 2004	DPaW 2013	GHD 2014a	GHD 2014b	MRIA 2018	This Survey	
				Level 2	Level 1	Level 2	Level 1	Level 2	Level 2	Level 2	Extended survey area
Birds											
Acanthizidae	<i>Acanthiza apicalis</i>	Inland Thornbill		X						X	X
Acanthizidae	<i>Acanthiza chrysorrhoa</i>	Yellow-rumped Thornbill		X			X	X	X	X	X
Acanthizidae	<i>Acanthiza inornata</i>	Western Thornbill		X				X		X	
Acanthizidae	<i>Gerygone fusca</i>	Western Gerygone		X		X	X	X	X	X	X
Acanthizidae	<i>Smicromis brevirostris</i>	Weebill		X		X	X	X	X	X	X
Acanthizidae	<i>Sericornis frontalis</i>	White-browed Scrubwren		X				X	X	X	
Accipitridae	<i>Accipiter cirrocephalus</i>	Collared Sparrowhawk		X						X	X
Accipitridae	<i>Accipiter fasciatus</i>	Brown Goshawk					X	X	X	X	X
Accipitridae	<i>Aquila audax</i>	Wedge-tailed Eagle						X	X		X
Accipitridae	<i>Circus approximans</i>	Swamp Harrier								X	X
Accipitridae	<i>Hieraaetus morphnoides</i>	Little Eagle		X						X	
Accipitridae	<i>Haliastur sphenurus</i>	Whistling Kite					X	X		X	
Accipitridae	<i>Elanus axillaris</i>	Black-shouldered Kite					X		X	X	
Acrocephalidae	<i>Acrocephalus australis</i>	Australian Reed-warbler									X
Anatidae	<i>Biziura lobata</i>	Musk duck									X
Anatidae	<i>Cygnus atratus</i>	Black Swan									X
Anatidae	<i>Tadorna tadornoides</i>	Australian Shelduck									X
Anatidae	<i>Anas superciliosa</i>	Pacific Black Duck									X
Aegothelidae	<i>Aegotheles cristatus</i>	Australian Owlet-nightjar						X			

Family	Taxon	Common Name	Listing	CALM	Maryan	DPaW	GHD	GHD	MRIA	This Survey	
				1993	pers	2013	2014a	2014b	2018	Level	Extended
				Level	comm.	Level	Level	Level	Level	2	survey
				2	1996-	2	1	2	2		area
					2004						
					Level						
					1						
Artamidae	<i>Artamus cinereus</i>	Black-faced Woodswallow							X	X	
Artamidae	<i>Artamus personatus</i>	Masked Woodswallow					X				
Artamidae	<i>Cracticus tibicen dorsalis</i>	Australian Magpie		X		X	X	X	X	X	X
Artamidae	<i>Cracticus nigrogularis</i>	Pied Butcherbird					X				
Artamidae	<i>Cracticus torquatus</i>	Grey Butcherbird		X			X	X	X	X	X
Artamidae	<i>Strepera versicolor</i>	Grey Currawong						X			
Cacatuidae	<i>Cacatua pastinator butleri</i>	Western Corella					X			X	X
Cacatuidae	<i>Cacatua sanguinea</i>	Little Corella					X	X	X	X	
Cacatuidae	<i>Cacatua tenuirostris</i>	Eastern Long-billed Corella	int						X		
Cacatuidae	<i>Calyptorhynchus banksii naso</i>	Forrest Red-tailed Black-Cockatoo	Vu, Vu						X	X	X
Cacatuidae	<i>Calyptorhynchus latirostris</i>	Carnaby's Black Cockatoo	En, En	X		X	X	X	X	X	X
Cacatuidae	<i>Eolophus roseicapilla</i>	Galah		X		X	X	X	X	X	X
Campephagidae	<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike		X		X	X	X	X	X	X
Campephagidae	<i>Lalage sueurii</i>	White-winged Triller						X		X	
Casuariidae	<i>Dromaius novaehollandiae</i>	Emu				X	X	X	X	X	X
Columbidae	<i>Columbia livia</i>	Feral Pigeon	int				X	X	X	X	
Columbidae	<i>Ocyphaps lophotes</i>	Crested Pigeon					X	X	X	X	
Columbidae	<i>Phaps chalcoptera</i>	Common Bronzewing		X		X	X	X	X	X	X
Columbidae	<i>Streptopelia senegalensis</i>	Laughing Dove	int	X			X			X	
Columbidae	<i>Streptopelia chinensis</i>	Spotted Dove	int				X			X	
Corvidae	<i>Corvus coronoides perplexus</i>	Australian Raven		X		X	X	X	X	X	X
Cuculidae	<i>Cacomantis flabelliformis</i>	Fan-tailed Cuckoo		X			X	X			

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				2	1996-	2	1	2	2		area
					2004						
					Level						
				1	1						
Cuculidae	<i>Cacomantis pallidus</i>	Pallid Cuckoo							X	X	
Cuculidae	<i>Chalcites lucidus</i>	Shining Bronze-cuckoo		X						X	
Cuculidae	<i>Chalcites osculans</i>	Black-eared Cuckoo				X					
Cuculidae	<i>Chrysococcyx basalis</i>	Horsefield's Bronze Cuckoo						X		X	
Eurostopodidae	<i>Eurostopodus argus</i>	Spotted Nightjar						X			
Falconidae	<i>Falco cenchroides</i>	Nankeen Kestrel					X		X	X	X
Falconidae	<i>Falco longipennis</i>	Hobby Falcon						X	X	X	X
Falconidae	<i>Falco peregrinus</i>	Peregrine Falcon	OS						X	X	X
Falconidae	<i>Falco berigora</i>	Brown Falcon								X	
Halcyonidae	<i>Dacelo novaeguineae</i>	Laughing Kookaburra	int	X			X	X	X	X	X
Halcyonidae	<i>Todiramphus sanctus</i>	Sacred Kingfisher		X				X			
Hirundinidae	<i>Hirundo neoxena</i>	Welcome Swallow		X			X	X		X	X
Hirundinidae	<i>Petrochelidon nigricans</i>	Tree Martin					X	X	X	X	X
Hirundinidae	<i>Cheramoeca leucosterna</i>	White-backed swallow									X
Maluridae	<i>Malurus splendens</i>	Splendid Fairy-wren		X		X	X	X	X	X	X
Maluridae	<i>Malurus leucopterus</i>	White-winged Fairy-wren							X	X	
Meliphagidae	<i>Acanthorhynchus superciliosus</i>	Western Spinebill		X						X	
Meliphagidae	<i>Anthochaera carunculata</i>	Red Wattlebird		X			X	X	X	X	X
Meliphagidae	<i>Anthochaera lunulata</i>	Western Little Wattlebird		X				X	X	X	
Meliphagidae	<i>Lichenostomus virescens</i>	Singing Honeyeater		X		X	X	X	X	X	X
Meliphagidae	<i>Lichmera indistincta</i>	Brown Honeyeater		X		X	X	X	X	X	X
Meliphagidae	<i>Melithreptus brevirostris</i>	Brown-headed Honeyeater						X		X	

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					2004						
					Level						
				1	1						
Meliphagidae	<i>Phylidonyris niger</i>	White-cheeked Honeyeater					X	X	X	X	X
Meliphagidae	<i>Phylidonyris novaehollandiae</i>	New Holland Honeyeater		X			X		X	X	X
Meropidae	<i>Merops ornatus</i>	Rainbow bee-eater		X		X		X		X	X
Monarchidae	<i>Grallina cyanoleuca</i>	Magpie-lark					X	X	X	X	X
Motacillidae	<i>Anthus novaeseelandiae</i>	Richards Pipit					X			X	
Nectariniidae	<i>Dicaeum hirundinaceum</i>	Mistletoebird						X	X	X	
Neositidae	<i>Daphoenositta chrysoptera</i>	Varied Sittella		X				X	X	X	X
Pachycephalidae	<i>Colluricincla harmonica</i>	Grey Shrike-thrush		X		X	X	X	X	X	X
Pachycephalidae	<i>Pachycephala pectoralis</i>	Golden Whistler		X			X	X	X	X	X
Pachycephalidae	<i>Pachycephala rufiventris</i>	Rufous Whistler		X			X	X	X	X	X
Pardalotidae	<i>Pardalotus punctatus</i>	Spotted Pardalote		X							
Pardalotidae	<i>Pardalotus striatus</i>	Striated Pardalote		X		X	X	X	x	X	X
Pelicanidae	<i>Pelecanus conspicillatus</i>	Australian Pelican									X
Petroicidae	<i>Eopsaltria georgiana</i>	White-breasted Robin		X							
Petroicidae	<i>Eopsaltria griseogularis</i>	Western Yellow Robin						X			
Petroicidae	<i>Petroica boodang</i>	Scarlet Robin		X		X	X	X	X	X	X
Petroicidae	<i>Microeca fascinans</i>	Jacky Winter					X	X	X	X	X
Phasianidae	<i>Coturnix ypsilophora</i>	Brown Quail						X		X	X
Podargidae	<i>Podargus strigoides</i>	Tawny Frogmouth					X	X		X	
Psittacidae	<i>Barnadius zonarius</i>	Australian Ringneck		X		X	X	X	X	X	X
Psittacidae	<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet						X		X	
Psittacidae	<i>Neophema elegans</i>	Elegant Parrot		X					X	X	X

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					Level						
				1	1						
Psittacidae	<i>Purpureicephalus spurius</i>	Red-capped Parrot		X			X	X	X	X	X
Psittacidae	<i>Trichoglossus haematodus</i>	Rainbow Lorikeet	int				X	X	X	X	X
Rallidae	<i>Fulica atra</i>	Eurasian Coot									X
Rallidae	<i>Porphyrio porphyrio</i>	Purple Swamphen									X
Rhipiduridae	<i>Rhipidura leucophrys</i>	Willie Wagtail					X	X	X	X	X
Rhipiduridae	<i>Rhipidura albiscapa</i>	Grey Fantail		X		X	X	X	X	X	X
Strigidae	<i>Ninox novaeseelandiae</i>	Boobook Owl		X				X	X	X	
Threskiornithidae	<i>Threskiornis molucca</i>	Australian White Ibis							X		X
Threskiornithidae	<i>Threskiornis spinicollis</i>	Straw-necked ibis								X	X
Tytonidae	<i>Tyto javanica</i>	Barn Owl						X		X	
Timaliidae	<i>Zosterops lateralis</i>	Silvereye		X			X	X		X	
Turnicidae	<i>Turnix velox</i>	Little Button Quail				X					
Turnicidae	<i>Turnix varius</i>	Painted button-quail								X	
Reptiles											
Agamidae	<i>Pogona minor minor</i>	Western Bearded Dragon		X	X	X	X	X		X	X
Boidae	<i>Morelia spilota imbricata</i>	Carpet Python			X		X	X			
Carphodactylidae	<i>Underwoodisaurus milii</i>	Thick-tailed Gecko							X		
Chelidae	<i>Chelodina colliei</i>	Oblong snake-necked Turtle			X						X
Diplodactylidae	<i>Crenadactylus ocellatus</i>	Clawless Gecko							X		
Diplodactylidae	<i>Strophurus spinigerus</i>	Soft Spiny-tailed Gecko			X	X		X		X	
Elapidae	<i>Brachyuropsis semifasciatus</i>	Southern Shovel-nosed Snake			X			X		X	
Elapidae	<i>Demansia psammophis</i>	Reticulated Whip Snake			X	X				X	

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				2	1996-	2	1	2	2		area
					2004						
					Level						
					1						
Elapidae	<i>Parasuta gouldii</i>	Gould's Hooded Snake			X					X	
Elapidae	<i>Parasuta nigriceps</i>	Mallee Black-backed Snake			X						
Elapidae	<i>Peudonaja affinis</i>	Dugite		X	X			X	X	X	X
Elapidae	<i>Pseudechis australis</i>	Mulga Snake									X
Elapidae	<i>Neelaps bimaculatus</i>	Black-napped Snake			X		X		X	X	
Elapidae	<i>Neelaps calonotus</i>	Western Black-Striped Snake	P3		X						
Elapidae	<i>Simoselaps bertholdi</i>	Jan's Banded Snake			X	X		X	X	X	X
Elapidae	<i>Echiopsis curta</i>	Bardick Snake			X					X	
Gekkonidae	<i>Christinus marmoratus</i>	Marbled Gecko			X			X	X	X	X
Pygopodidae	<i>Aprasia repens</i>	Sand-plain Worm Lizard		X	X			X	X		
Pygopodidae	<i>Delma fraseri</i>	Frasier's Legless Lizard		X	X					X	X
Pygopodidae	<i>Delma grayi</i>	Side-barred Delma			X					X	X
Pygopodidae	<i>Delma concinna</i>	Javelin legless lizard			X					X	
Pygopodidae	<i>Lialis burtonis</i>	Burton's Legless Lizard		X	X	X		X	X	X	X
Pygopodidae	<i>Pletholax gracilis</i>	Keeled legless Lizard			X						
Pygopodidae	<i>Pygopus lepidopodus</i>	Common Scalyfoot			X	X				X	
Scincidae	<i>Cryptoblephorus buchananii</i>	Buchanan's Snake-eyed Skink		X	X	X	X	X	X	X	X
Scincidae	<i>Ctenotus australis</i>	West Coast Longtail Ctenotus				X		X		X	
Scincidae	<i>Ctenotus fallens</i>	West Coast Ctenotus		X	X	X		X	X	X	X
Scincidae	<i>Cyclodomorphus celatus</i>	Western Slender Blue-tongue			X		X		X	X	X
Scincidae	<i>Egernia napoleonis</i>	Napoleon Skink		X	X					X	
Scincidae	<i>Egernia kingii</i>	King Skink			X					X	

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				Level 2	Level 1	Level 2	Level 1	Level 2	Level 2	Level 2	Level 2
Scincidae	<i>Hemiergis quadrilineata</i>	Two-toed Earless Skink		X	X	X	X	X	X	X	X
Scincidae	<i>Lerista distinguenda</i>	South-west Four-toed Lerista				X		X	X		
Scincidae	<i>Lerista elegans</i>	West Coast Four-toed Skink		X	X	X		X	X	X	X
Scincidae	<i>Lerista lineopunctulata</i>	Line-spotted Robust Slider			X						X
Scincidae	<i>Lerista praepedita</i>	West Coast Worm Slider		X	X	X		X	X	X	X
Scincidae	<i>Menetia greyii</i>	Common Dwarf Skink		X	X	X		X	X	X	X
Scincidae	<i>Morethia lineocellata</i>	Pale-flecked Snake-eyed Skink				X		X		X	X
Scincidae	<i>Morethia obscura</i>	Shrubland Snake-eyed Skink		X		X		X	X	X	X
Scincidae	<i>Tiliqua occipitalis</i>	Western Bluetongue			X			X	X	X	
Scincidae	<i>Tiliqua rugosa</i>	Bobtail		X	X	X	X	X	X	X	X
Typhlopidae	<i>Anilius australis</i>	Southern Blind Snake			X			X	X	X	
Typhlopidae	<i>Anilius pinguis</i>	Fat Blind Snake						X			
Typhlopidae	<i>Anilius waitii</i>	Southern Beaked Blindsnake						X			
Varanidae	<i>Varanus gouldii gouldii</i>	Gould's Monitor				X		X		X	X
Varanidae	<i>Varanus tristis tristis</i>	Black-headed Monitor		X					X	X	X
Mammals											
Canidae	<i>Canis domesticus</i>	Domestic Dog	int			X	X	X	X	X	X
Canidae	<i>Vulpes vulpes</i>	Red Fox	int	X		X	X	X	X	X	X
Felidae	<i>Felis catus</i>	Cat	int	X		X	X	X	X	X	X
Leporidae	<i>Oryctolagus cuniculus</i>	European Rabbit	int	X		X	X	X	X	X	X
Macropodidae	<i>Macropus fuliginosus</i>	Western Grey Kangaroo		X		X	X	X	X	X	X
Macropodidae	<i>Notamacropus irma</i>	Western Brush Wallaby	P4	X		X				X	X

Family	Taxon	Common Name	Listing	CALM 1993	Maryan pers comm. 1996- 2004	DPaW 2013	GHD 2014a	GHD 2014b	MRIA 2018	This Survey	
				Level 2	Level 1	Level 2	Level 1	Level 2	Level 2	Level 2	Level 2
Molossidae	<i>Tadarida australis</i>	White-striped Freetail Bat		X				X		X	X
Molossidae	<i>Mormopterus kitcheneri</i>	South-western Freetail Bat								X	X
Muridae	<i>Mus musculus</i>	House Mouse	int	X		X		X	X	X	X
Muridae	<i>Rattus rattus</i>	Black Rat	int			X		X	X	X	
Peramelidae	<i>Isodon fusciventer</i>	Southern Brown Bandicoot	P4			X		X	X	X	X
Phalangeridae	<i>Trichosurus vulpecula</i>	Common Brushtail Possum					X	X		X	X
Tachyglossidae	<i>Tachyglossus aculeatus</i>	Echidna				X	X	X	X	X	X
Tarsipedidae	<i>Tarsipes rostratus</i>	Honey Possum		X						X	
Vespertilionidae	<i>Chalinolobus gouldii</i>	Gould's Wattle Bat						X		X	X
Vespertilionidae	<i>Nyctophilus geoffroyi or gouldii</i>	Long-eared Bats						X		X	X
Vespertilionidae	<i>Verperdilus regulus</i>	Southern Forest Bat								X	X
Amphibians											
Hylidae	<i>Litoria adelaidensis</i>	Slender tree frog			X						X
Myobatrachidae	<i>Crinia insignifera</i>	Sign-bearing froglet			X						
Myobatrachidae	<i>Heleioporus eyrei</i>	Moaning Frog		X					X		X
Myobatrachidae	<i>Limnodynastes dorsalis</i>	Pobblebonk		X	X					X	
Myobatrachidae	<i>Myobatrachus gouldii</i>	Turtle Frog						X			

Trapping results sites 1 to 6

Common Name	Listing	Trap Site 1					Trap Site 2					Trap Site 3					Trap Site 4					Trap Site 5					Trap Site 6										
		P	T	A	C	B	P	T	A	C	B	P	T	A	C	B	P	T	A	C	B	P	T	A	C	B	P	T	A	C	B						
Birds																																					
Inland Thornbill																																					
Yellow-rumped Thornbill																																					
Western Thornbill																			18																		
Western Gerygone				1						7															3												
Weebill										15																											
White-browed Scrubwren																									8									2			
Collared Sparrowhawk																																					
Brown Goshawk										1																											
Wedge-tailed Eagle																																					
Swamp Harrier																																					
Little Eagle																			1															1			
Whistling Kite																																					
Black-shouldered Kite																																					
Australian Reed-warbler																																					
Musk Duck																																					
Black Swan																																					
Australian Shelduck																																					
Pacific Black Duck																																					
Black-faced Woodswallow																			2																		
Australian Magpie										12																											
Grey Butcherbird				1						3																											
Western Corella																																					
Little Corella																																					
Forrest Red-tailed Black-Cockatoo	Vu, Vu																																				
Carnaby's Black Cockatoo	En, En			11					1				9				6						17								9						
Galah				11					15				2				4						6														
Black-faced Cuckoo-shrike													8				2																				
White-winged Triller																																					
Emu																	1																				
Feral Pigeon	int																						1												2		
Crested Pigeon				1																																	
Common Bronzewing				1						5			3																								
Laughing Dove	int									2													1												2		
Spotted Dove	int																						4														
Australian Raven				8						3			2				4						5														
Pallid Cuckoo																																					
Shining Bronze-cuckoo													1										1												3		
Horsefield's Bronze Cuckoo										1			1																								
Nankeen Kestrel										1																											
Hobby Falcon																																					
Peregrine Falcon	OS																																		1		
Brown Falcon													1																								
Laughing Kookaburra	int									5													3														
Welcome Swallow																																					
Tree Martin				4									2																						4		

Common Name	Listing	Trap Site 1					Trap Site 2					Trap Site 3					Trap Site 4					Trap Site 5					Trap Site 6				
		Traps	Active search	Bird Census	Noct. Search	Bat Census	Traps	Active search	Bird Census	Noct. Search	Bat Census	Traps	Active search	Bird Census	Noct. Search	Bat Census	Traps	Active search	Bird Census	Noct. Search	Bat Census	Traps	Active search	Bird Census	Noct. Search	Bat Census	Traps	Active search	Bird Census	Noct. Search	Bat Census
White-backed swallow													2																		
Splendid Fairy-wren													2					17						4							
White-winged Fairy-wren													10																		
Western Spinebill													1																		
Red Wattlebird				11						11			2											3							
Western Little Wattlebird				2								1					1														
Singing Honeyeater				3						1			11																	2	
Brown Honeyeater				2									28					3						55						7	
Brown-headed Honeyeater													2					4													
White-cheeked Honeyeater													38																	1	
New Holland Honeyeater													56											34						10	
Rainbow bee-eater				2								5						18												2	
Magpie-lark												1																			
Richards Pipit																															
Mistletoebird																															
Varied Sittella																		8						4							
Grey Shrike-thrush				1																				1						1	
Golden Whistler																															
Rufous Whistler												1						1													
Striated Pardalote				1								4												4							
Australian Pelican																															
Scarlet Robin																		1													
Jacky Winter																															
Brown Quail																															
Tawny Frogmouth												4									1										
Australian Ringneck				3							6													6						6	
Purple-crowned Lorikeet																															
Elegant Parrot				2									5					3						4					4		
Red-capped Parrot				2														4						2							
Rainbow Lorikeet	int																	1													
Eurasian coot																															
Purple Swamphen																															
Willie Wagtail				1																										2	
Grey Fantail											1			1																	
Boobook Owl					1									1											1					1	
Australian White Ibis																															
Straw-necked ibis																															
Barn Owl																															
Silvereye													12					8											1		
Painted button-quail																															
Reptiles																															
Western Bearded Dragon		1	1										1		1				1										4		
Southwestern long-neck turtle																															
Soft Spiny-tailed Gecko													2		2			3			1					1				2	
Southern Shovel-nosed Snake																															
Reticulated Whip Snake																															
Dugite		2	1																1									1	1		
Mulga Snake																															

Common Name	Listing	Trap Site 1					Trap Site 2					Trap Site 3					Trap Site 4					Trap Site 5					Trap Site 6				
		Traps	Active search	Bird Census	Noct. Search	Bat Census	Traps	Active search	Bird Census	Noct. Search	Bat Census	Traps	Active search	Bird Census	Noct. Search	Bat Census	Traps	Active search	Bird Census	Noct. Search	Bat Census	Traps	Active search	Bird Census	Noct. Search	Bat Census	Traps	Active search	Bird Census	Noct. Search	Bat Census
Black-naped Snake																															
Jan's Banded Snake																															
Bardick snake																															
Gould's Hooded Snake																															
Marbled Gecko																															
Frasier's Legless Lizard		1																													
Side-barred delma																															
Javelin legless lizard																															
Burton's Legless Lizard		3																													
Common Scalyfoot																															
Buchanan's Snake-eyed Skink			7																												
West Coast Long-tailed Ctenotus																															
West Coast Ctenotus		4	2																												
Western Slender Blue-tongue		4	2																												
Napoleon Skink																															
King skink																															
Two-toed Earless Skink		2	6																												
West Coast Four-toed Skink		3																													
Southern dotted-line robust slider																															
West Coast Worm-slider																															
Common Dwarf Skink		4	1																												
Pale-flecked Snake-eyed Skink																															
Shrubland Snake-eyed Skink																															
Western Bluetongue																															
Bobtail		3																													
Southern Blind Snake		2																													
Gould's Monitor																															
Black-headed Monitor																															
Mammals																															
Domestic Dog	int		1																												
Red Fox	int		2																												
Cat	int																														
European Rabbit	int																														
Western Grey Kangaroo			1																												
Western Brush Wallaby	P4																														
White-striped Freetail Bat																															
South-western Freetail Bat																															
House Mouse	int		1																												
Southern Brown Bandicoot	P4																														
Honey Possum																															
Gould's Wattle Bat																															
Long-eared Bats																															
Southern Forest Bat																															
Amphibians																															
Slender tree frog																															
Moaning Frog																															
Pobblebonk																															

Common Name	Listing	Trap Site 7					Trap Site 8					Trap Site 9					Cage - Line 10 (east)	Cage - Line 11 (west)	Active searches																	Opp.	Totals	
		Traps	Active search	Bird census	Noct. Search	Bat Census	Traps	Active search	Bird Census	Noct. Search	Bat Census	Traps	Active search	Bird Census	Noct. Search	Bat Census			Traps	Traps	1 Active	2 Active	3 Active	4 Active	5 Active	6 Active	7 Active	8 Active	9 Active	10 Active	11 Active	12 Active	13 Active	14 Active	15 Active			16 Active
Soft Spiny-tailed Gecko					1						2			1			1																				16	
Southern Shovel-nosed Snake												1																								1		
Reticulated Whip Snake											1																									1		
Dugite		1										1														1										9		
Mulga Snake																																1			1	2		
Black-naped Snake																									1											2		
Jan's Banded Snake											2																									6		
Bardick snake			1																																	4		
Gould's Hooded Snake																																				3		
Marbled Gecko																																		1	1	5		
Frasier's Legless Lizard											1																									9		
Side-barred delma												1																								3		
Javelin legless lizard																																				1		
Burton's Legless Lizard		3						4																											1	28		
Common Scalyfoot											1																									3		
Buchanan's Snake-eyed Skink																																				1	14	
West Coast Long-tailed Ctenotus																																				14		
West Coast Ctenotus		8						9	2																											91		
Western Slender Blue-tongue		1	3					1																												55		
Napoleon Skink																																				1		
King skink																																				1		
Two-toed Earless Skink		1						16	1																											117		
West Coast Four-toed Skink		4										3	1																							34		
Southern dotted-line robust slider																																				1		
West Coast Worm-slider			1																																	21		
Common Dwarf Skink		2						5	3																											46		
Pale-flecked Snake-eyed Skink																																				4		
Shrubland Snake-eyed Skink																																				10		
Western Bluetongue																																				1		
Bobtail		2						2																												14	69	
Southern Blind Snake								2																												5		
Gould's Monitor		1																																		1	6	
Black-headed Monitor																																				4	7	
Mammals																																						
Domestic Dog	int		1																																	2		
Red Fox	int												1																						1	3	16	
Cat	int													1																						2	5	
European Rabbit	int																																				10	
Western Grey Kangaroo																																				3	2	37
Western Brush Wallaby	P4																																				1	
White-striped Freetail Bat																																				8	10	86
South-western Freetail Bat																																				4	4	41

Common Name	Listing	Trap Site 7					Trap Site 8					Trap Site 9					Cage - Line 10 (east)	Cage - Line 11 (west)	Active searches																	Opp.	Totals					
		Traps	Active search	Bird census	Noct. Search	Bat Census	Traps	Active search	Bird Census	Noct. Search	Bat Census	Traps	Active search	Bird Census	Noct. Search	Bat Census			Traps	Active search	Bird Census	Noct. Search	Bat Census	1 Active	2 Active	3 Active	4 Active	5 Active	6 Active	7 Active	8 Active	9 Active	10 Active	11 Active	12 Active			13 Active	14 Active	15 Active	16 Active	17 Active
House Mouse	int	3				2																																1	1			9
Southern Brown Bandicoot	P4	7	1				2					1					2	2						1	1	1																30
Honey Possum																																									1	
Gould's Wattle Bat						10						10					7								14	66				17									11	200		
Long-eared Bats											1														8	1													1	17		
Southern Forest Bat																									14	2														16		
Amphibians																																										
Slender tree frog																																									1	
Moaning Frog																																								1	1	
Pobblebonk																																									2	

Camera Trapping data (Hits per 24 hour period)

Common Name	Cam27	Cam5	Cam6	Cam11	Cam8	GHD1	GHD13	GHD4	GHD C	CAM G	R14	SG1	SG3	SG4	SG5	SG6	SG7	SG10
Birds																		
White-browed Scrubwren										1					2			
White-winged Triller	1																	
Laughing Dove				1														
Australian Raven																5		
Splendid Fairy-wren															3			
Brown Honeyeater																	2	
Scarlet Robin											1							
Willie Wagtail						2												
Grey Fantail															2			
Silvereye															1		2	
Painted button-quail			3															
Reptiles																		
Reticulated Whip Snake				1														
Buchanan's Snake-eyed Skink											1				3		6	
Western Bluetongue				2						1								
Bobtail	14	1		7	16	3	4	6		4	13			3				2
Gould's Monitor			2	2	1		1	3		1	3							
Black-headed Monitor					1													
Mammals																		
Domestic Dog		4								6								
Red Fox		2		2		6	1		2	1					1	2	2	2
Cat	4	1	2									1			1			3
Western Grey Kangaroo	2	1	2	11	7	2	3	3		4	3					3		11
Western Brush Wallaby					13		1	4		1	3							

Common Name	Cam27	Cam5	Cam6	Cam11	Cam8	GHD1	GHD13	GHD4	GHD C	CAM G	R14	SG1	SG3	SG4	SG5	SG6	SG7	SG10
Black Rat															6			
Southern Brown Bandicoot	10	4	20	1	8	4		7	17	7	2		3	4				11
Common Brushtail Possum													1		6	5		
Echidna		3	1	1	1								1					

Black cocky trees survey within the survey area

Number	Tree Species	Easting	Northing	DBH	Hollows Present	Hollow Entrance Size (CM)	Hollow Heights (M)	Breeding Evidence	Hollow Pole Cam Inspection	Hollow Depth	Hollow Angle	Hollow Suitability	Feeding Evidence	Roosting Evidence	Comment
T1	Tuart	378241.3	6500511.2	1700	No	-	-	No	-	-	-	-	No	No	
T2	Tuart	378219.6	6500514.8	1500	No	-	-	No	-	-	-	-	No	No	
T3	Tuart	378225.2	6500509.4	630	No	-	-	No	-	-	-	-	No	No	
T4	Tuart	378223.7	6500509.4	540	No	-	-	No	-	-	-	-	No	No	
T5	Tuart	378218.3	6500508.4	520	No	-	-	No	-	-	-	-	No	No	
T6	Tuart	378219.7	6500506.3	600	No	-	-	No	-	-	-	-	No	No	
T7	Tuart	378207.1	6500508.8	530	No	-	-	No	-	-	-	-	No	No	
T8	Marri	378191.2	6500626.7	500	No	-	-	No	-	-	-	-	Yes	No	BC feeding evidence on Marri nuts
T9	Tuart	378242.5	6500649.6	1720	No	-	-	No	-	-	-	-	No	No	
T10	Marri	378233.9	6500658.7	810	No	-	-	No	-	-	-	-	No	No	
T11	Marri	378218.7	6500652.9	820	No	-	-	No	-	-	-	-	No	No	
T12	Marri	378217.5	6500672.0	870	No	-	-	No	-	-	-	-	Yes	No	BC feeding evidence on Marri nuts
T13	Marri	378226.5	6500678.0	674	No	-	-	No	-	-	-	-	No	No	
T14	Marri	378195.4	6500646.0	589	No	-	-	No	-	-	-	-	No	No	
T15	Marri	378191.7	6500641.9	500	No	-	-	No	-	-	-	-	No	No	
T16	Marri	378170.5	6500640.8	710	No	-	-	No	-	-	-	-	No	No	
T17	Marri	378163.2	6500635.5	510	No	-	-	No	-	-	-	-	No	No	
T18	Marri	378195.2	6500663.5	600	No	-	-	No	-	-	-	-	No	No	
T19	Marri	378177.2	6500661.2	510	No	-	-	No	-	-	-	-	No	No	
T20	Marri	378176.9	6500656.8	580	No	-	-	No	-	-	-	-	No	No	
T21	Marri	378166.7	6500661.6	610	No	-	-	No	-	-	-	-	No	No	
T22	Marri	378161.2	6500671.7	590	No	-	-	No	-	-	-	-	No	No	
T23	Tuart	378154.6	6500680.1	980	No	-	-	No	-	-	-	-	No	No	
T24	Tuart	378153.6	6500693.2	510	No	-	-	No	-	-	-	-	No	No	
T25	Tuart	378160.4	6500684.4	510	No	-	-	No	-	-	-	-	No	No	
T26	Tuart	378169.5	6500687.3	500	No	-	-	No	-	-	-	-	No	No	
T27	Tuart	378171.5	6500686.9	890	No	-	-	No	-	-	-	-	No	No	
T28	Tuart	378175.3	6500682.2	610	No	-	-	No	-	-	-	-	No	No	
T29	Tuart	378171.3	6500693.2	510	No	-	-	No	-	-	-	-	No	Yes	Multistem, lots of scats and clippings looks BC
T30	Tuart	378175.6	6500694.8	510	No	-	-	No	-	-	-	-	No	No	
T31	Tuart	378181.4	6500697.7	590	No	-	-	No	-	-	-	-	No	No	
T32	Tuart	378182.3	6500699.7	710	No	-	-	No	-	-	-	-	No	No	
T33	Tuart	378186.3	6500704.5	500	No	-	-	No	-	-	-	-	No	No	
T34	Tuart	378180.6	6500706.6	500	No	-	-	No	-	-	-	-	No	Yes	Lots of scats and clippings looks BC
T35	Tuart	378188.8	6500679.1	600	No	-	-	No	-	-	-	-	No	No	
T36	Tuart	378191.7	6500685.0	940	No	-	-	No	-	-	-	-	No	No	
T37	Marri	378181.1	6500670.7	690	No	-	-	No	-	-	-	-	No	No	
T38	Tuart	378188.1	6500720.3	1010	No	-	-	No	-	-	-	-	No	No	

Number	Tree Species	Easting	Northing	DBH	Hollows Present	Hollow Entrance Size (CM)	Hollow Heights (M)	Breeding Evidence	Hollow Pole Cam Inspection	Hollow Depth	Hollow Angle	Hollow Suitability	Feeding Evidence	Roosting Evidence	Comment
T39	Tuart	378177.0	6500715.7	770	No	-	-	No	-	-	-	-	No	Yes	Lots of scats and clippings looks BC
T40	Tuart	378170.3	6500725.6	810	No	-	-	No	-	-	-	-	No	No	
T41	Tuart	378151.4	6500719.8	1520	1 small	6	12	No evidence of use	No to high	Hollow to small	45	Not suitable	No	No	
T42	Tuart	378145.1	6500718.7	670	No	-	-	No	-	-	-	-	No	No	
T43	Tuart	378148.8	6500724.6	500	No	-	-	No	-	-	-	-	No	No	
T44	Tuart	378150.5	6500729.4	580	No	-	-	No	-	-	-	-	No	No	
T45	Tuart	378152.4	6500728.1	620	No	-	-	No	-	-	-	-	No	No	
T46	Tuart	378183.2	6500734.4	580	No	-	-	No	-	-	-	-	No	No	
T47	Tuart	378162.2	6500757.1	1200	No	-	-	No	-	-	-	-	No	No	
T48	Tuart	378140.9	6500744.2	980	No	-	-	No	-	-	-	-	No	No	
T49	Tuart	378144.7	6500757.7	580	No	-	-	No	-	-	-	-	No	No	
T50	Tuart	378149.8	6500760.6	550	No	-	-	No	-	-	-	-	No	No	
T51	Tuart	378161.4	6500770.4	570	No	-	-	No	-	-	-	-	No	No	
T52	Tuart	378148.1	6500783.4	770	No	-	-	No	-	-	-	-	No	No	
T53	Tuart	378152.7	6500820.8	2100	No	-	-	No	-	-	-	-	No	No	
T54	Tuart	378148.5	6500845.4	520	No	-	-	No	-	-	-	-	No	No	
T55	Tuart	378141.7	6500836.1	540	No	-	-	No	-	-	-	-	No	No	Multistem
T56	Marri	378196.4	6500789.3	610	No	-	-	No	-	-	-	-	No	No	
T57	Marri	378207.2	6500798.5	790	No	-	-	No	-	-	-	-	No	No	
T58	Marri	378200.0	6500798.2	510	No	-	-	No	-	-	-	-	No	No	
T59	Tuart	378186.0	6500838.3	780	No	-	-	No	-	-	-	-	No	No	
T60	Tuart	378185.1	6500844.7	810	No	-	-	No	-	-	-	-	No	No	
T61	Tuart	378193.6	6500886.0	1090	No	-	-	No	-	-	-	-	No	No	
T62	Tuart	378174.8	6500884.8	1800	No	-	-	No	-	-	-	-	No	No	
T63	Tuart	378179.0	6500892.8	510	No	-	-	No	-	-	-	-	No	No	
T64	Tuart	378180.4	6500897.8	1100	No	-	-	No	-	-	-	-	No	No	
T65	Tuart	378177.2	6500903.0	780	No	-	-	No	-	-	-	-	No	No	
T66	Tuart	378182.7	6500903.7	690	No	-	-	No	-	-	-	-	No	No	
T67	Tuart	378179.1	6500918.9	970	No	-	-	No	-	-	-	-	No	No	
T68	Tuart	378168.1	6500917.7	1600	No	-	-	No	-	-	-	-	No	No	
T69	Tuart	378165.0	6500901.7	580	No	-	-	No	-	-	-	-	No	No	
T70	Tuart	378137.0	6500877.2	530	No	-	-	No	-	-	-	-	No	No	
T71	Tuart	378135.9	6500874.8	640	No	-	-	No	-	-	-	-	No	No	
T72	Tuart	378109.4	6500883.2	1350	No	-	-	No	-	-	-	-	No	No	
T73	Tuart	378107.5	6500886.3	1410	3 large	all 20 plus	7, 9, 12	No evidence of use	Yes	7m >1m, 9m is 40cm, 12m is 30 cm	2 x vertical, 1 x 45	Yes, monitor	No	No	7m one >1m deep into trunk but had barn owl present (can be seen poking head out of hollow in Picture), 9m blocked at 40cm, other trunk but bees present
T74	Tuart	378120.6	6500889.7	1750	1 large, 1 small, 1 medium	16, 6, 10	2, 4, 8	No evidence of use	Yes	All blocked	45, 2 x horizontal	Not suitable	Yes	No	Large to low and bees others to small

Number	Tree Species	Easting	Northing	DBH	Hollows Present	Hollow Entrance Size (CM)	Hollow Heights (M)	Breeding Evidence	Hollow Pole Cam Inspection	Hollow Depth	Hollow Angle	Hollow Suitability	Feeding Evidence	Roosting Evidence	Comment
T75	Tuart	378114.5	6500931.9	710	No	-	-	No	-	-	-	-	No	No	
T76	Tuart	378112.2	6500936.3	550	No	-	-	No	-	-	-	-	No	No	
T77	Tuart	378118.1	6500966.2	710	No	-	-	No	-	-	-	-	No	No	
T78	Tuart	378102.9	6500961.1	920	3 large	16, 20, 24	7, 12, 15	Potential old chews	Yes, lower hollow	7m is 30cm deep	Slight angle	Yes, visual monitor	No	No	Old chews in lower hollow, galah in top one
T79	Jarrah	378093.7	6500997.5	1150	No	-	-	No	-	-	-	-	No	No	
T80	Tuart	378098.6	6501009.3	1350	No	-	-	No	-	-	-	-	No	No	
T81	Tuart	378085.7	6501013.9	830	No	-	-	No	-	-	-	-	No	No	
T82	Tuart	378097.6	6501018.9	620	No	-	-	No	-	-	-	-	No	No	
T83	Tuart	378094.4	6501035.5	1003	No	-	-	No	-	-	-	-	No	No	
T84	Tuart	378105.8	6501039.8	1280	No	-	-	No	-	-	-	-	No	No	
T85	Tuart	378088.7	6501039.8	580	No	-	-	No	-	-	-	-	No	No	
T86	Tuart	378082.7	6501042.8	560	No	-	-	No	-	-	-	-	No	No	
T87	Tuart	378076.2	6501063.5	2500	2 large	2 x 16	12 to 15	No evidence of use	Yes	12 m is 10 cm, 15 m to high	Almost vertical	Yes, monitor	No	No	15 m to high but Eastern Long-billed Corella in 15 m
T88	Tuart	378064.8	6501088.0	1280	2 large	24, 18	2 x 8	No evidence of use	Yes	2 x blocked at 30 cm	Horizontal, 45	Not suitable	No	No	
T89	Tuart	378080.5	6501081.2	690	No	-	-	No	-	-	-	-	No	No	
T90	Tuart	378098.8	6501081.2	920	No	-	-	No	-	-	-	-	No	No	
T91	Tuart	378095.2	6501087.2	560	No	-	-	No	-	-	-	-	No	No	
T92	Tuart	378094.6	6501092.1	540	No	-	-	No	-	-	-	-	No	No	
T93	Tuart	378154.7	6501073.8	1300	No	-	-	No	-	-	-	-	No	No	
T94	Tuart	378137.0	6501122.6	950	No	-	-	No	-	-	-	-	No	No	
T95	Tuart	378140.1	6501120.8	540	No	-	-	No	-	-	-	-	No	No	
T96	Tuart	378138.7	6501132.7	700	No	-	-	No	-	-	-	-	No	No	Multistem
T97	Tuart	378134.4	6501141.8	570	No	-	-	No	-	-	-	-	No	No	
T98	Tuart	378137.7	6501141.9	760	No	-	-	No	-	-	-	-	No	No	Multistem
T99	Tuart	378130.4	6501151.9	860	No	-	-	No	-	-	-	-	No	No	Multistem
T100	Tuart	378133.4	6501153.2	790	No	-	-	No	-	-	-	-	No	No	Multistem
T101	Tuart	378128.4	6501173.0	1850	No	-	-	No	-	-	-	-	No	No	Multistem
T102	Tuart	378115.1	6501225.0	1900	No	-	-	No	-	-	-	-	No	No	
T103	Tuart	378042.8	6501227.3	1300	1 large	16	6	No evidence of use	Yes	6 m is < 1m	Almost vertical	Yes, monitor	No	No	Potentially a bit low but monitor
T104	Tuart	378052.9	6501217.6	1650	1 small	6	12	No evidence of use	No to small	Too small	Almost vertical	Not suitable	No		A pair of 28's in tree potential another hollow in canopy
T105	Tuart	378066.9	6501196.2	880	No	-	-	No	-	-	-	-	No	No	Multistem
T106	Tuart	378060.2	6501158.3	1600	4 large	All 20 plus	4, 6, 8, 12	No evidence of use	Yes	4 m approx. 1 m, 6m is 20 cm, 8 m is 1.2m	2 x vertical, 2 x horizontal	Yes, monitor	No	No	8 m is 1.2 deep with galah nesting a great hollow
T107	Tuart	378053.9	6501128.7	740	No	-	-	No	-	-	-	-	No	No	
T108	Tuart	378077.4	6501104.4	790	No	-	-	No	-	-	-	-	No	No	
T109	Tuart	378065.0	6501106.1	610	No	-	-	No	-	-	-	-	No	No	
T110	Tuart	378048.0	6501472.7	1000	No	-	-	No	-	-	-	-	No	No	Multistem

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T111	Tuart	378011.2	6501469.4	900	No	-	-	No	-	-	-	-	Yes	No	Banksia feeding
T112	Tuart	377995.4	6501520.9	550	No	-	-	No	-	-	-	-	No	No	Multistem
T113	Tuart	377971.7	6501564.6	590	No	-	-	No	-	-	-	-	No	No	Multistem
T114	Tuart	377976.2	6501571.9	1225	No	-	-	No	-	-	-	-	No	No	
T115	Tuart	377859.6	6501846.4	640	No	-	-	No	-	-	-	-	No	No	Multistem
T116	Tuart	377861.6	6501851.5	600	No	-	-	No	-	-	-	-	No	No	Multistem
T117	Tuart	377855.7	6501867.9	860	No	-	-	No	-	-	-	-	No	No	Multistem
T118	Tuart	377868.3	6501861.1	620	No	-	-	No	-	-	-	-	No	No	
T119	Tuart	377872.0	6501859.5	670	No	-	-	No	-	-	-	-	No	No	Multistem
T120	Tuart	377874.7	6501881.2	980	No	-	-	No	-	-	-	-	No	No	Multistem
T121	Tuart	377862.8	6501871.0	500	No	-	-	No	-	-	-	-	No	No	
T122	Tuart	377866.7	6501873.4	620	No	-	-	No	-	-	-	-	No	No	Multistem
T123	Tuart	377867.1	6501877.5	620	No	-	-	No	-	-	-	-	No	No	Multistem
T124	Tuart	377853.4	6501888.5	1020	No	-	-	No	-	-	-	-	No	No	
T125	Tuart	377906.0	6501847.6	540	No	-	-	No	-	-	-	-	No	No	
T126	Tuart	377899.9	6501865.6	570	No	-	-	No	-	-	-	-	No	No	
T127	Tuart	377863.7	6501899.2	500	No	-	-	No	-	-	-	-	No	No	Multistem
T128	Tuart	377852.4	6501922.0	580	No	-	-	No	-	-	-	-	No	No	Multistem
T129	Tuart	377864.2	6501937.7	520	No	-	-	No	-	-	-	-	Yes	No	Yes on sheoak FRTBC
T130	Tuart	377855.5	6501959.4	710	No	-	-	No	-	-	-	-	No	No	
T131	Tuart	377816.5	6501951.4	500	No	-	-	No	-	-	-	-	No	No	
T132	Tuart	377800.6	6501940.7	1040	No	-	-	No	-	-	-	-	No	No	
T133	Tuart	377860.1	6501987.5	910	No	-	-	No	-	-	-	-	No	No	Multistem
T134	Tuart	377844.6	6502007.1	580	No	-	-	No	-	-	-	-	No	No	Multistem
T135	Tuart	377837.4	6502031.1	1010	No	-	-	No	-	-	-	-	No	No	Multistem
T136	Tuart	377777.2	6502023.5	1190	No	-	-	No	-	-	-	-	No	No	Multistem
T137	Tuart	377793.1	6502041.2	500	No	-	-	No	-	-	-	-	No	No	Multistem
T138	Tuart	377794.4	6502058.5	580	No	-	-	No	-	-	-	-	Yes	No	Banksia's feeding, Carnaby BC
T139	Tuart	377845.7	6502088.7	990	No	-	-	No	-	-	-	-	No	No	
T140	Jarra	377839.0	6502094.1	1500	2 large	2 x 80 gapes	11 and 12	no evidence of use	No	Damaged trunk	Vertical	Not suitable	No	No	Trunk damage hollows/gaps in side of tree
T141	Tuart	377844.3	6502102.3	840	No	-	-	No	-	-	-	-	No	No	
T142	Jarra	377810.3	6502176.0	700	No	-	-	No	-	-	-	-	No	No	Multistem
T143	Jarra	377813.8	6502201.1	1007	No	-	-	No	-	-	-	-	No	No	
T144	Jarra	377785.3	6502171.1	900	1 large	60	3	No evidence of use	No too low	Debris filled	Vertical	Not suitable	No	No	Multistem
T145	Tuart	377934.3	6502115.7	600	No	-	-	No	-	-	-	-	No	No	Multistem, bark chews on main trunk at 4 m looks Galah
T146	Tuart	377944.7	6502106.2	530	No	-	-	No	-	-	-	-	No	No	Multistem
T147	Tuart	377949.3	6502106.5	560	No	-	-	No	-	-	-	-	No	No	
T148	Tuart	377901.0	6502037.7	500	No	-	-	No	-	-	-	-	No	No	Multistem
T149	Tuart	377899.9	6502032.6	850	No	-	-	No	-	-	-	-	No	No	

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T150	Tuart	377902.1	6502015.7	600	No	-	-	No	-	-	-	-	No	No	Multistem
T151	Tuart	377903.2	6502001.6	750	No	-	-	No	-	-	-	-	No	No	Multistem
T152	Tuart	377961.7	6501822.4	800	2 medium	2 x 10	3, 11	No evidence of use	Yes	3 m is 4 cm, 11 m is 50cm	Vertical	Not suitable	No	No	Multistem with possible 2 more hollows at 4 m and 5.5 m, 5 pics taken
T153	Tuart	377953.0	6501849.6	500	No	-	-	No	-	-	-	-	No	No	Active red tails within row of trees
T154	Tuart	377952.3	6501852.5	800	No	-	-	No	-	-	-	-	No	No	Active red tails within row of trees, multistem
T155	Tuart	377948.3	6501861.7	800	No	-	-	No	-	-	-	-	No	No	Active red tails within row of trees
T156	Tuart	377955.7	6501875.5	600	No	-	-	No	-	-	-	-	No	No	Active red tails within row of trees
T157	Tuart	377944.5	6501870.9	900	No	-	-	No	-	-	-	-	No	No	Active red tails within row of trees
T158	Tuart	377942.1	6501878.1	1200	No	-	-	No	-	-	-	-	No	No	Active red tails within row of trees
T159	Tuart	377937.4	6501890.6	1400	No	-	-	No	-	-	-	-	No	No	Active red tails within row of trees
T160	Tuart	378018.6	6501680.6	600	No	-	-	No	-	-	-	-	No	No	
T161	Tuart	378046.9	6501604.5	500	No	-	-	No	-	-	-	-	No	No	
T162	Tuart	378068.4	6501560.0	1105	No	-	-	No	-	-	-	-	No	No	
T163	Tuart	378073.4	6501546.4	1000	No	-	-	No	-	-	-	-	No	No	
T164	Tuart	378074.7	6501541.6	550	No	-	-	No	-	-	-	-	No	No	Multistem
T165	Tuart	378076.8	6501535.3	500	No	-	-	No	-	-	-	-	No	No	Multistem
T166	Tuart	378091.2	6501497.9	1400	No	-	-	No	-	-	-	-	No	No	Multistem, possible bark chews at 8m looks Galah
T167	Tuart	378091.9	6501491.9	1500	2 to 4	40, 20	2, 7	No evidence of use	No too low	Debris filled	45	Not suitable	No	No	Tree has one surviving branch. Rest is dead wood with some burn marks and evidence of human cutting. Bees at 7 m.
T168	Tuart	378092.9	6501488.2	1200	No	-	-	No	-	-	-	-	No	No	
T169	Tuart	378108.0	6501459.2	1200	No	-	-	No	-	-	-	-	No	No	Multistem
T170	Tuart	378120.1	6501381.2	540	No	-	-	No	-	-	-	-	yes	No	Multistem, feeding evidence Banksia cone, Carnaby's
T171	Tuart	378128.1	6501357.1	520	No	-	-	No	-	-	-	-	No	No	Multistem
T172	Marri	378136.3	6501315.4	500	No	-	-	No	-	-	-	-	yes	No	Fresh FRTBC marri nut chews
T173	Marri	378137.0	6501307.4	600	No	-	-	No	-	-	-	-	yes	No	Fresh FRTBC marri nut chews
T174	Tuart	378149.7	6501294.2	650	No	-	-	No	-	-	-	-	No	No	Multistem
T175	Tuart	378151.9	6501295.3	700	No	-	-	No	-	-	-	-	No	No	
T176	Tuart	378147.0	6501286.4	1250	No	-	-	No	-	-	-	-	No	No	Multistem
T177	Tuart	378143.8	6501282.6	500	No	-	-	No	-	-	-	-	No	No	Multistem

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T178	Tuart	378138.1	6501281.2	900	1 medium, 1 small	10, 5	8, 7	No evidence of use	No to small	Hollow entrance to small	45	Not suitable	No	No	Multistem
T179	Tuart	378150.8	6501239.0	600	No	-	-	No	-	-	-	-	No	No	
T180	Tuart	378155.3	6501237.0	700	No	-	-	No	-	-	-	-	No	No	
T181	Tuart	378151.8	6501235.0	500	No	-	-	No	-	-	-	-	No	No	
T182	Tuart	378153.1	6501228.5	500	No	-	-	No	-	-	-	-	No	No	
T183	Tuart	378154.7	6501230.6	500	No	-	-	No	-	-	-	-	No	No	Multistem
T184	Tuart	378158.1	6501231.1	600	No	-	-	No	-	-	-	-	No	No	
T185	Tuart	378157.0	6501227.9	500	No	-	-	No	-	-	-	-	No	No	
T186	Tuart	378156.5	6501221.4	620	No	-	-	No	-	-	-	-	No	No	
T187	Tuart	378155.4	6501220.5	500	No	-	-	No	-	-	-	-	No	No	
T188	Tuart	378158.9	6501219.7	700	No	-	-	No	-	-	-	-	No	No	
T189	Tuart	378157.1	6501211.9	1100	No	-	-	No	-	-	-	-	No	No	
T190	Tuart	378161.2	6501199.1	1100	No	-	-	No	-	-	-	-	No	No	
T191	Tuart	378161.1	6501198.0	800	No	-	-	No	-	-	-	-	No	No	
T192	Tuart	378163.6	6501194.5	900	No	-	-	No	-	-	-	-	No	No	
T193	Tuart	378161.5	6501193.6	850	No	-	-	No	-	-	-	-	No	No	
T194	Tuart	378163.9	6501190.5	700	No	-	-	No	-	-	-	-	No	No	Multistem
T195	Tuart	378163.0	6501188.1	550	No	-	-	No	-	-	-	-	No	No	
T196	Tuart	378164.6	6501186.7	520	No	-	-	No	-	-	-	-	No	No	
T197	Tuart	378165.5	6501183.8	500	No	-	-	No	-	-	-	-	No	No	
T198	Tuart	378167.2	6501173.1	750	No	-	-	No	-	-	-	-	No	No	
T199	Tuart	378169.8	6501171.1	600	No	-	-	No	-	-	-	-	No	No	
T200	Tuart	378168.8	6501170.0	600	No	-	-	No	-	-	-	-	No	No	
T201	Tuart	378169.4	6501168.5	650	No	-	-	No	-	-	-	-	No	No	
T202	Tuart	378177.4	6501153.2	1100	1 small	3	2	No evidence of use	No to small	Hollow entrance to small	45	Not suitable	No	No	Dead tree with hollow with bees
T203	Tuart	378176.1	6501144.4	650	No	-	-	No	-	-	-	-	No	No	
T204	Tuart	378175.5	6501142.7	500	No	-	-	No	-	-	-	-	No	No	
T205	Tuart	378176.2	6501141.6	500	No	-	-	No	-	-	-	-	No	No	Multistem
T206	Tuart	378178.5	6501139.2	700	No	-	-	No	-	-	-	-	No	No	Multistem
T207	Tuart	378171.7	6501126.5	520	2 small	2 x 2	2, 3	No evidence of use	No to small	Hollow entrance to small	45	Not suitable	No	No	
T208	Tuart	378174.5	6501124.7	1500	3 small	2 x 4	18	No evidence of use	No too high	Hollow entrance to small	45	Not suitable	No	No	
T209	Tuart	378184.0	6501117.1	900	No	-	-	No	-	-	-	-	No	No	
T210	Tuart	378183.3	6501102.6	800	No	-	-	No	-	-	-	-	No	No	
T211	Tuart	378165.5	6501103.5	1200	No	-	-	No	-	-	-	-	No	No	
T212	Tuart	378167.7	6501096.7	1200	No	-	-	No	-	-	-	-	No	No	Multistem
T213	Tuart	378169.7	6501089.4	1100	No	-	-	No	-	-	-	-	No	No	Multistem
T214	Tuart	378172.1	6501071.7	850	No	-	-	No	-	-	-	-	No	No	Multistem
T215	Tuart	378187.6	6501094.9	1200	1 medium	10	16	No evidence of use	No to high	Hollow entrance to small	Vertical	Not suitable	No	No	Multistem
T216	Tuart	378192.7	6501072.0	800	No	-	-	No	-	-	-	-	No	No	Multistem

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T217	Tuart	378197.4	6501069.1	1400	1 medium	7	20	No evidence of use	No to high	Hollow entrance to small	Vertical	Not suitable	No	No	Multistem form with 2 lorikeets at top of snapped dead wood branch - possible hollow
T218	Tuart	378206.7	6501066.8	900	No	-	-	No	-	-	-	-	No	No	
T219	Tuart	378208.3	6501060.7	1200	No	-	-	No	-	-	-	-	No	No	Multistem
T220	Tuart	378210.6	6501039.7	800	No	-	-	No	-	-	-	-	No	No	
T221	Tuart	378210.4	6501035.0	550	No	-	-	No	-	-	-	-	No	No	Multistem
T222	Tuart	378211.9	6501032.0	500	No	-	-	No	-	-	-	-	No	No	
T223	Tuart	378207.5	6501029.6	1400	No	-	-	No	-	-	-	-	No	No	
T224	Tuart	378191.9	6501021.4	600	No	-	-	No	-	-	-	-	No	No	
T225	Tuart	378185.2	6501028.2	1200	No	-	-	No	-	-	-	-	No	No	
T226	Tuart	378208.5	6501018.2	500	No	-	-	No	-	-	-	-	No	No	Multistem
T227	Tuart	378214.8	6501017.5	2300	3 large, 2 medium	20, 10, 10, 20, 15	4, 6, 11, 11, 13	No evidence of use	Yes	4 m is 30 cm, 6 m is 10 cm, 11 m is 10 cm	45 and vertical	Not suitable	No	No	Multistem. 4 m high hollow is 30 cm deep and too low for BC. Hollow at 6 m and 10 m are blocked. Possible other higher hollows but too high to be reached with pole cam. No monitoring.
T228	Tuart	378219.1	6500995.0	1100	1 small	5	0.5	No evidence of use	No too low	Hollow entrance to small	45	Not suitable	No	No	Multistem
T229	Tuart	378218.4	6500991.6	1100	No	-	-	No	-	-	-	-	No	No	
T230	Jarra	378221.4	6500983.4	800	2 large	30	1, 4	No evidence of use	No too low	1 m is 40 cm	Horizontal	Not suitable	No	No	
T231	Tuart	378234.4	6500949.6	1100	No	-	-	No	-	-	-	-	No	No	
T232	Euc sp.	378237.4	6500930.1	1100	No	-	-	No	-	-	-	-	No	No	
T233	Jarra	378229.7	6500880.5	1500	2 large	12, 12	3, 10	No evidence of use	Yes	3 m is 70 cm, 10 m is 20 cm	Vertical	Not suitable	No	No	Bees in tree hard to pick where hive is positioned
T234	Tuart	378233.9	6500879.2	600	No	-	-	No	-	-	-	-	No	No	Multistem
T235	Tuart	378225.6	6500876.8	750	No	-	-	No	-	-	-	-	No	No	Multistem
T236	Tuart	378229.6	6500868.5	2200	1 large, 1 small	20, 5	20, 3	No evidence of use	Yes	3 m is 30 cm (bees)	Vertical	Yes, visual monitor	No	No	Multistem, Bees in lower hollow, possibly other higher hollows but too high to reach with cam. Monitor.
T237	Marri	378254.7	6500883.2	500	No			No					yes	No	Feeding evidence on Marri nuts
T238	Tuart	378262.1	6500861.0	1600	1 large	30	2	No evidence of use	No too low	2 m is 30 cm	45	Not suitable	No	No	
T239	Tuart	378262.2	6500854.1	2200	2 large, 2 medium	10, 15, 15, 10	6, 8, 8.5, 20	Old chews present	Yes	6 m is 10 cm, 8 m is 10 cm, 8.5 m is 10 cm	45 and vertical	Yes, visual monitor	No	No	Multistem, 28 parrots nesting in upper canopy. Large hollow at 15-20 m appears to have chews. Tree martins nesting in canopy. 6 m & 8 m hollows checked with camera but blocked. Monitor large hollow.
T240	Tuart	378228.5	6500826.6	1500	No	-	-	No	-	-	-	-	No	No	

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T241	Tuart	378225.9	6500819.0	1100	No	-	-	No	-	-	-	-	No	No	
T242	Tuart	378243.3	6500827.9	1800	2 large, 1 medium	20, 10, 20	8, 15, 20	Possible internal chews	Yes	8 m is 90 cm	Vertical	Yes, visual monitor	No	No	20 m hollow guarded by galahs in tree, numerous hollows near top and at least one has bees. Large hollow at 7 m, 20 cm wide and 90 cm deep. Possibly worked in the past Monitor. Gallahs nesting in higher hollow.
T243	E. rudis	378270.9	6500829.4	550	No	-	-	No	-	-	-	-	No	No	Multistem
T244	Tuart	378237.6	6500809.4	700	No	-	-	No	-	-	-	-	No	No	
T245	Tuart	378243.6	6500804.0	2000	3 large	20, 15, 20	25, 30, 10	No evidence of use	No too high	Not assessed	45	Yes, visual monitor	No	No	Galah in tree and chewing on branches, bees present in lower hollow but upper large ones look good but too high for pole cam.
T246	E. rudis	378276.7	6500814.2	500	No	-	-	No	-	-	-	-	No	No	
T247	Tuart	378282.4	6500794.7	600	No	-	-	No	-	-	-	-	No	No	Multistem
T248	Tuart	378256.7	6500787.3	800	1 large, 1 medium	10, 30	5, 1.7	No evidence of use	Yes	1.7 m is 10 cm, 5m is 20 cm	45	Not suitable	No	No	Multistem form galahs in tree, second large hollow in old burnt out stem, lots of gaps in wood. No monitoring.
T249	Tuart	378285.7	6500779.2	600	No	-	-	No	-	-	-	-	No	No	Multistem form 28 parrots in tree, may be higher hollow
T250	Tuart	378277.1	6500780.0	1200	No	-	-	No	-	-	-	-	No	No	
T251	Tuart	378246.2	6500757.3	550	No	-	-	No	-	-	-	-	No	No	Multistem
T252	Tuart	378264.7	6500757.3	1600	2 large	15, 15	15, 25	Old chews present	No too high	not assessed	45	Yes, visual monitor	No	No	Bees in lower hollow, but large above has chews possible Galah but too high for pole cam, monitor.
T253	Tuart	378268.2	6500756.9	500	No	-	-	No	-	-	-	-	No	No	
T254	Tuart	378291.0	6500759.6	2000	No	-	-	No	-	-	-	-	No	No	Possible large hollow at 10 m
T255	Tuart	378248.2	6500738.6	1400	No	-	-	No	-	-	-	-	No	No	
T256	Tuart	378256.8	6500736.9	550	No	-	-	No	-	-	-	-	No	No	
T257	Tuart	378265.0	6500739.3	500	No	-	-	No	-	-	-	-	No	No	
T258	Tuart	378273.5	6500742.8	900	No	-	-	No	-	-	-	-	No	No	Multistem
T259	Tuart	378275.3	6500727.7	1300	2 large, 1 medium	20, 20, 10	10, 16, 17	No evidence of use	Yes	10 m is 20 cm, 2 large look good	Vertical	Yes, visual monitor	No	No	Multistem form. All hollows in dead wood from original main stem, more hollows further up. One at 10 m appears blocked but in dense foliage, others too high to assess. Monitor.
T260	Tuart	378271.1	6500719.4	900	No	-	-	No	-	-	-	-	No	No	

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T261	Tuart	378269.8	6500718.0	900	1 medium	10	16	No evidence of use	No, foliage	To high	Vertical	Not suitable	No	No	Dead/Dying Tuart, Pardalotes nesting in a very small cavity. Checked from ground level. Too high for pole cam.
T262	Tuart	378294.3	6500716.2	900	No	-	-	No	-	-	-	-	No	No	
T263	Tuart	378297.1	6500700.0	1050	1 medium	10	5	No evidence of use	Yes	5 m is 30 cm	45	Not suitable	No	No	Medium hollow at 5 m, 30 cm. Deep, not suitable. No monitoring.
T264	Tuart	378273.0	6500694.4	1200	No	-	-	No	-	-	-	-	No	No	
T265	Marri	378254.8	6500713.6	700	No	-	-	No	-	-	-	-	No	No	
T266	Tuart	378273.5	6500673.2	900	No	-	-	No	-	-	-	-	No	No	-
T267	Tuart	378280.6	6500665.3	1200	No	-	-	No	-	-	-	-	No	No	-
T268	Tuart	378279.6	6500663.7	1300	No	-	-	No	-	-	-	-	No	No	-
T269	Tuart	378400.1	6500499.7	950	1 medium	7	2	No evidence of use	No too low	2 m is 10 cm	45	Not suitable	No	No	-
T270	Tuart	378369.8	6500498.0	1100	No	-	-	No	-	-	-	-	No	No	-
T271	Tuart	378478.6	6500244.3	900	No	-	-	No	-	-	-	-	No	No	-
T272	Tuart	378490.8	6500232.6	500	No	-	-	No	-	-	-	-	No	No	-
T273	Tuart	378491.1	6500230.4	500	No	-	-	No	-	-	-	-	No	No	-
T274	Tuart	378494.1	6500227.2	550	No	-	-	No	-	-	-	-	No	No	-
T275	Jarrah	378954.5	6499433.7	1500	3 large	25, 20, 20	5, 8, 10	No evidence of use	Yes	5 m 30cm, 8 m 30 cm, 10 m 30cm	45	Not suitable	yes	No	Chewed nuts with no mandible marks possible FRTBC, all hollows blocked, deepest at 30 cm. No monitoring.
T276	Jarrah	378967.4	6499431.4	830	No	-	-	No	-	-	-	-	yes	No	
T277	Jarrah	378985.7	6499409.1	500	No	-	-	No	-	-	-	-	No	No	
T278	Jarrah	379011.2	6499380.2	1000	1 medium, 1 small	10, 5	10, 11	No evidence of use	Yes	10 m is 10 cm, 11 m is 15 cm	45	Not suitable	No	No	Both large hollows blocked, 2 small hollows are good hollows but too small for BC. No monitoring.
T279	Jarrah	379012.1	6499369.6	650	3 large, 2 small	5, 5, 20, 20, 15	11, 11, 6, 8, 9	No evidence of use	Yes	11 m is 60 cm, 11 m is 50 cm, 6m is 15 cm, 8 m is 20 cm, 9 m is 30 cm	45 and vertical	Not suitable	No	No	Several potential hollows, most blocked or too small for BC (15-30 cm deep). Two small/medium hollows are at least 60 cm deep but too small. No monitoring.
T280	Jarrah	378999.5	6499363.9	1400	1 large, 2 medium, 2 small	10, 15, 3, 6, 7	6, 7, 5, 10, 10	No evidence of use	Yes	All blocked	46 and vertical	Not suitable	No	No	
T281	Jarrah	379001.2	6499359.1	900	2 medium, 1 small	5, 10, 10	11, 11, 12	No evidence of use	Yes	All blocked	47 and vertical	Not suitable	No	No	
T282	Jarrah	378986.3	6499357.0	900	2 large	20, 20	6, 3	No evidence of use	Yes	6 m is 30 cm, 3 m blocked	Vertical	Not suitable	No	No	Dead/Dying Jarrah with hollows
T283	Jarrah	379023.9	6499351.6	800	2 small	5	15	No evidence of use	No too high	Not assessed	Vertical	Not suitable	yes	No	Chewed banksia, carney's

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T284	Jarrah	379012.8	6499337.2	650	No	-	-	No	-	-	-	-	yes	No	Chewed jarrah nuts no mandible mark
T285	Jarrah	379049.2	6499318.1	1100	2 medium, 2 small	5, 5, 10, 10	15, 14, 13, 15	No evidence of use	No too high	Not assessed	45 and vertical	Not suitable	No	No	To small
T286	Jarrah	379059.4	6499309.6	600	No	-	-	No	-	-	-	-	No	No	
T287	Jarrah	379077.3	6499328.0	1000	2 large	20, 20	4.5, 6	No evidence of use	Yes	All blocked	47 and vertical	Not suitable	No	No	Dead/Dying Jarrah with hollows
T288	Jarrah	379084.9	6499322.0	500	No	-	-	No	-	-	-	-	No	No	-
T289	Jarrah	379194.2	6499217.9	800	No	-	-	No	-	-	-	-	yes	No	
T290	Jarrah	379216.3	6499225.4	550	No	-	-	No	-	-	-	-	No	No	-
T291	Jarrah	379221.3	6499225.5	800	1 medium, 1 small	10, 5	5, 6	No evidence of use	No	Hollows to small	47 and vertical	Not suitable	No	No	-
T292	Jarrah	379215.7	6499182.6	500	No	-	-	No	-	-	-	-	No	No	-
T293	Tuart	379279.6	6499157.2	800	No	-	-	No	-	-	-	-	No	No	Multistem
T294	Tuart	379291.4	6499118.4	850	No	-	-	No	-	-	-	-	No	No	-
T295	Tuart	379347.2	6499139.3	1100	No	-	-	No	-	-	-	-	No	No	-
T296	Tuart	379357.3	6499114.3	1000	No	-	-	No	-	-	-	-	No	No	-
T297	Tuart	379398.7	6499106.6	1500	No	-	-	No	-	-	-	-	No	No	-
T298	Tuart	379409.8	6499102.1	900	No	-	-	No	-	-	-	-	No	No	-
T299	Tuart	379385.6	6499076.5	1200	1 small, 2 large	5, 2 x 20	8, 11, 15	Old chews present	Yes	8 m >1 m, 11 m is 1 m	Vertical	Yes, monitor	No	No	Lowest hollow has bees. Hollow at 11 m has old chews and is BC size but can't see pics/ 11 m medium hollow is good to be a nest hollow. Large hollow is too high to photograph but looks good from ground level. Monitor.
T300	Jarrah	379365.9	6499067.7	650	No	-	-	No	-	-	-	-	No	No	-
T301	Tuart	379412.8	6499033.9	600	No	-	-	No	-	-	-	-	No	No	Multistem
T302	Jarrah	379416.6	6499014.3	900	2 large, 1 medium	20, 20, 10	5, 8, 9	No evidence of use	Yes	5 m is 10 cm, 8 m is 20 cm, 9 m is 15 cm	Vertical and 45	Not suitable	No	No	3 hollows, all blocked or too small. No evidence of being worked. No monitoring.
T303	Jarrah	379430.9	6498994.7	750	2 small	5, 2	1.5, 2	No evidence of use	No	Hollows to small	47 and vertical	Not suitable	No	No	-
T304	Tuart	379457.9	6498940.0	1000	No	-	-	No	-	-	-	-	No	No	-
T305	Tuart	379436.4	6499066.7	600	No	-	-	No	-	-	-	-	No	No	-
T306	Jarrah	379461.6	6499041.8	700	No	-	-	No	-	-	-	-	No	No	-
T307	Tuart	379461.0	6499024.2	1200	2 medium	10, 10,	10, 10	No evidence of use	No	Hollows to small	Vertical	Not suitable	No	No	3 other possible hollows at branch terminations
T308	Tuart	379460.6	6499022.9	750	2 large, 1 small	5, 30, 20	5, 7, 4	Old chews present	Yes	5 m and 7 m are same hollow and 1 m, 4 m is 20 cm	Vertical and 45	Yes, monitor	No	No	Dead Tuart with hollows. Lowest large hollow blocked at 20 cm. Hollows in main stem with multiple entrances, monitor but unlikely to be used again.
T309	Tuart	379520.9	6498914.7	550	No	-	-	No	-	-	-	-	No	No	Multistem

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T310	Tuart	379518.7	6498916.2	570	3 medium, 1 small	5, 10, 10, 10	5, 6, 10, 10	Old chews present	Yes	Hollows too small	47 and vertical	Not suitable	No	No	Dead Tuart with hollows, two higher hollows- one blocked and split at 40 cm, the other at 30 cm. No monitoring.
T311	Tuart	379532.2	6498865.9	720	No	-	-	No	-	-	-	-	No	No	Multistem
T312	Tuart	379552.4	6498890.1	750	No	-	-	No	-	-	-	-	No	No	Multistem, 5 red tails in adjacent east tree
T313	Tuart	379569.0	6498824.0	650	No	-	-	No	-	-	-	-	No	No	
T314	Tuart	379580.4	6498779.0	1300	2 large, 3 medium	10, 15, 20, 10, 10	3, 11, 3.5, 7, 13,	No evidence of use	Yes	3 m 10 cm, 11 m 20 cm, 3.5 m 5 cm, 7 m 30 cm	vertical and 45	Not suitable	No	No	3 m hollow is split and not a hollow, not large enough for BC, 2 medium hollows only 20-30 cm deep. 28s nesting in canopy but can't see hollow. No monitoring.
T315	Tuart	379615.2	6498756.9	1700	6 medium	10, 10, 10, 10, 10	4, 13, 14, 20, 5	No evidence of use	Yes	4 m is 20 cm, 5 m is 5 cm	vertical and 46	Not suitable	No	No	Galahs sitting in tree near hollow
T316	Tuart	379594.1	6498734.2	1900	No	-	-	No	-	-	-	-	No	No	-
T317	Tuart	379601.0	6498710.4	850	No	-	-	No	-	-	-	-	No	No	-
T318	Tuart	379593.4	6498539.6	600	No	-	-	No	-	-	-	-	No	No	Multistem
T319	Tuart	379587.8	6498632.5	800	No	-	-	No	-	-	-	-	No	No	-
T320	Tuart	379596.7	6498640.6	600	No	-	-	No	-	-	-	-	No	No	Multistem
T321	Tuart	379587.1	6498655.4	530	No	-	-	No	-	-	-	-	No	No	-
T322	Tuart	379571.8	6498700.2	600	No	-	-	No	-	-	-	-	No	No	Multistem
T323	Tuart	379570.4	6498704.1	600	No	-	-	No	-	-	-	-	No	No	Multistem
T324	Tuart	379571.9	6498706.1	600	No	-	-	No	-	-	-	-	No	No	-
T325	Tuart	379575.7	6498730.0	800	1 large	30	7	Old chews present	Yes	1.2 m deep	Vertical	Yes, monitor	No	No	1 large hollow at 7 m, 20 cm deep, old chews, monitor.
T326	Tuart	379563.9	6498728.4	500	No	-	-	No	-	-	-	-	No	No	-
T327	Tuart	379566.4	6498768.2	950	4 large	20, 20, 15, 25	3, 5, 6, 11	Old chews present	Yes	3 m is 10 cm, 5 m is 10 cm, 6 m is 10 cm, 11 m is 2 m	vertical and 45	Yes, monitor	No	No	Multistem. Lower three hollows blocked. 11 m, 25 cm wide with old chews, possibly 2 m deep. Potentially suitable. Monitor.
T328	Tuart	379560.6	6498795.1	540	No	-	-	No	-	-	-	-	No	No	Multistem
T329	Tuart	379536.7	6498818.5	950	1 large, 2 medium, 1 small	10, 10, 5, 15	4, 8, 11, 5	No evidence of use	Yes	4 m is 30 cm, 8 m is 10 cm, 11 m is 10 cm, 5 m is 10 cm	vertical and 45	Not suitable	No	No	All hollows blocked, not large enough for BC. No monitoring.
T330	Tuart	379531.4	6498839.5	550	No	-	-	No	-	-	-	-	No	No	Multistem
T331	Tuart	379516.8	6498850.0	600	No	-	-	No	-	-	-	-	No	No	-
T332	Tuart	379503.2	6498838.6	650	No	-	-	No	-	-	-	-	No	No	-
T333	Tuart	379492.3	6498858.6	550	No	-	-	No	-	-	-	-	No	No	-
T334	Tuart	379492.8	6498868.9	550	No	-	-	No	-	-	-	-	No	No	-

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T335	Tuart	379479.1	6498869.0	700	2 large, 2 medium	20, 15, 10, 10	1.5, 4, 6, 8,	No evidence of use	Yes	1.5 m is 30 cm, 4 m is 20 cm, 6 m is 10 cm, 8 m is 15 cm	vertical and 45	Not suitable	No	No	Multistem. Low hollow filled with termite mud, lowest horizontal hollow is 30 cm deep. Highest hollow looks big from the entrance but becomes smaller and is too small for BC. No monitoring.
T336	Tuart	379488.7	6498891.9	650	No	-	-	No	-	-	-	-	No	No	-
T337	Tuart	379457.0	6498940.1	850	No	-	-	No	-	-	-	-	No	No	-
T338	Tuart	379451.7	6498969.0	600	No	-	-	No	-	-	-	-	No	No	-
T339	Tuart	379434.9	6498961.7	1000	1 large, 1 small	20, 5	5, 11	No evidence of use	Yes	5 m is 10 cm	Vertical and 45	Not suitable	No	No	Dead Tuart with hollows. One hollow is blocked at entrance, the other is 10 cm deep. No monitoring.
T340	Jarra	379431.0	6498994.4	700	No	-	-	No	-	-	-	-	No	No	-
T341	Tuart	380059.9	6497674.7	900	No	-	-	No	-	-	-	-	No	No	-
T342	Tuart	380308.7	6497000.9	570	No	-	-	No	-	-	-	-	No	No	-
T343	Tuart	379497.3	6498694.7	900	4 large	30, 30, 25, 20	7, 7, 5, 7	No evidence of use	Yes	All blocked at around 20 cm	Vertical and 45	Not suitable	No	No	Multistem
T344	Tuart	379524.5	6498722.1	1100	2 large, 2 medium	25, 20, 10, 10	2, 11, 4, 7	No evidence of use	Yes	All blocked	Vertical and 45	Not suitable	No	No	All hollows blocked
T345	Tuart	379535.9	6498663.7	500	No	-	-	No	-	-	-	-	No	No	Multistem
T346	Tuart	379533.8	6498642.1	800	No	-	-	No	-	-	-	-	No	No	-
T347	Jarra	379481.8	6498792.4	900	No	-	-	No	-	-	-	-	No	No	-
T348	Tuart	379475.8	6498808.3	900	No	-	-	No	-	-	-	-	No	No	-
T349	Jarra	379472.2	6498808.0	550	No	-	-	No	-	-	-	-	No	No	-
T350	Jarra	379453.6	6498834.4	500	No	-	-	No	-	-	-	-	No	No	-
T351	Jarra	379435.5	6498836.7	550	No	-	-	No	-	-	-	-	No	No	-
T352	Tuart	379455.2	6498843.5	900	No	-	-	No	-	-	-	-	No	No	-
T353	Jarra	379433.7	6498877.8	550	No	-	-	No	-	-	-	-	No	No	-
T354	Jarra	379426.0	6498883.3	580	No	-	-	No	-	-	-	-	No	No	-
T355	Jarra	379416.7	6498893.2	660	No	-	-	No	-	-	-	-	No	No	-
T356	Jarra	379429.0	6498897.1	900	No	-	-	No	-	-	-	-	No	No	-
T357	Jarra	379384.3	6498934.9	550	No	-	-	No	-	-	-	-	No	No	Multistem
T358	Jarra	379407.9	6498942.6	1100	No	-	-	No	-	-	-	-	No	No	Multistem
T359	Jarra	379383.6	6498960.0	700	No	-	-	No	-	-	-	-	No	No	-
T360	Jarra	379383.7	6498934.4	600	No	-	-	No	-	-	-	-	No	No	Multistem
T361	Jarra	379357.9	6498868.1	600	No	-	-	No	-	-	-	-	Yes	No	Chewed jarrah nuts FRTBC
T362	Jarra	379358.9	6498856.2	650	No	-	-	No	-	-	-	-	Yes	No	Chewed jarrah nuts FRTBC
T363	Jarra	379379.3	6498855.1	650	No	-	-	No	-	-	-	-	Yes	No	Chewed jarrah nuts
T364	Jarra	379385.3	6498850.5	570	No	-	-	No	-	-	-	-		No	-
T365	Tuart	379393.6	6498833.1	700	1 large, 1 medium	25, 11	6 and 7	No evidence of use	Yes	6 is 40 cm, 7 is 20 cm	Vertical and horizontal	Not suitable	Yes	No	To shallow
T366	Jarra	379384.8	6498819.5	600	No	-	-	No	-	-	-	-	No	No	-

Number	Tree Species	Easting	Northing	DBH	Hollows Present	Hollow Entrance Size (CM)	Hollow Heights (M)	Breeding Evidence	Hollow Pole Cam Inspection	Hollow Depth	Hollow Angle	Hollow Suitability	Feeding Evidence	Roosting Evidence	Comment
T367	Jarrah	379379.6	6498799.4	670	1 small	6	6	No evidence of use	Yes	20 cm	Vertical	Not suitable	No	No	To shallow
T368	Jarrah	379411.2	6498804.3	910	1 large	16	4	No evidence of use	Yes	30 cm	Vertical	Not suitable	Yes	No	To shallow
T369	Jarrah	379424.3	6498777.8	510	No	-	-	No	-	-	-	-	No	No	-
T370	Jarrah	379431.7	6498760.7	530	No	-	-	No	-	-	-	-	No	No	-
T371	Jarrah	379428.3	6498751.6	620	1 large	30	4	No evidence of use	Yes	20 cm	45	Not suitable	Yes	No	To shallow
T372	Tuart	378234.3	6500486.3	1950	5 medium	10, 7, 10, 10, 10	12, 6, 5, 7, 15	No	-	-	-	Not suitable	No	No	Two hollows blocked at 20 cm, one blocked at 10 cm, 6 m high hollow may have old Galah chews.
T373	Tuart	378229.4	6500483.9	650	No	-	-	No	-	-	-	-	No	No	-
T374	Tuart	378216.6	6500495.7	1550	No	-	-	No	-	-	-	-	Yes	No	FRTBC chew marri nut
T375	Tuart	378273.9	6500459.4	850	No	-	-	No	-	-	-	-	No	No	Multistem
T376	Tuart	378268.1	6500455.3	600	No	-	-	No	-	-	-	-	No	No	-
T377	Tuart	378278.2	6500455.9	800	No	-	-	No	-	-	-	-	No	No	Multistem
T378	Tuart	378282.4	6500453.2	650	No	-	-	No	-	-	-	-	No	No	-
T379	Jarrah	378282.6	6500444.7	1250	2 small	2 x 6	5	No evidence of use	No	Hollow to small	-	Not suitable	No	No	-
T380	Tuart	378287.5	6500437.9	500	No	-	-	No	-	-	-	-	No	No	Multistem
T381	Tuart	378288.9	6500464.8	1100	No	-	-	No	-	-	-	-	No	No	-
T382	Tuart	378166.4	6500491.4	600	No	-	-	No	-	-	-	-	No	No	-
T383	Tuart	378164.9	6500491.4	640	No	-	-	No	-	-	-	-	No	No	-
T384	Tuart	378153.4	6500506.1	500	No	-	-	No	-	-	-	-	No	No	Multistem
T385	Tuart	378145.7	6500491.6	950	No	-	-	No	-	-	-	-	No	No	Multistem
T386	Tuart	378157.6	6500450.3	900	No	-	-	No	-	-	-	-	No	No	-
T387	Tuart	378168.7	6500434.9	600	No	-	-	No	-	-	-	-	No	No	-
T388	Jarrah	378128.1	6500422.0	550	No	-	-	No	-	-	-	-	Yes	No	4 red tails feeding on nearby marri
T389	Tuart	378114.2	6500434.4	900	No	-	-	No	-	-	-	-	Yes	No	Multistem, chewed nuts and nearby red tails
T390	Jarrah	378042.2	6500420.7	500	No	-	-	No	-	-	-	-	Yes	No	Multistem, chewed nuts and nearby red tails
T391	Jarrah	378030.9	6500429.7	680	No	-	-	No	-	-	-	-	Yes	No	red tail chewed nuts
T392	Jarrah	378023.5	6500440.3	970	1 medium	10	9	No evidence of use	No	Hollow to small	45	Not suitable	Yes	No	Multistem, chewed nuts, red tails
T393	Jarrah	378032.0	6500453.5	700	No	-	-	No	-	-	-	-	Yes	No	Chewed jarrah nuts
T394	Jarrah	378019.3	6500452.7	1200	No	-	-	No	-	-	-	-	Yes	No	FRTBC chewed nuts, half of tree has been previously burnt
T395	Jarrah	378005.9	6500441.6	500	No	-	-	No	-	-	-	-	No	No	-
T396	Jarrah	378009.0	6500451.4	650	No	-	-	No	-	-	-	-	No	No	Multistem
T397	Jarrah	377960.0	6500439.2	500	No	-	-	No	-	-	-	-	No	No	-
T398	Jarrah	377956.8	6500434.8	600	No	-	-	No	-	-	-	-	Yes	No	Old chewed nuts
T399	Jarrah	377939.7	6500442.6	550	No	-	-	No	-	-	-	-	No	No	Multistem
T400	Jarrah	377929.9	6500431.2	550	No	-	-	No	-	-	-	-	No	No	Multistem

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T401	Jarrah	377925.7	6500445.8	600	No	-	-	No	-	-	-	-	No	No	-
T402	Jarrah	377912.8	6500427.9	600	No	-	-	No	-	-	-	-	No	No	-
T403	Jarrah	377858.0	6500436.6	500	No	-	-	No	-	-	-	-	No	No	-
T404	Tuart	378101.4	6500472.7	800	No	-	-	No	-	-	-	-	No	No	Multistem
T405	Tuart	378097.9	6500459.4	550	No	-	-	No	-	-	-	-	No	No	-
T406	Tuart	378103.6	6500456.0	500	No	-	-	No	-	-	-	-	No	No	-
T407	Tuart	378092.3	6500475.5	1050	No	-	-	No	-	-	-	-	No	No	-
T408	Jarrah	378080.1	6500466.9	750	No	-	-	No	-	-	-	-	No	No	-
T409	Jarrah	378068.7	6500469.8	850	No	-	-	No	-	-	-	-	No	No	-
T410	Jarrah	378087.3	6500489.3	500	No	-	-	No	-	-	-	-	No	No	-
T411	Jarrah	378044.8	6500470.4	800	No	-	-	No	-	-	-	-	No	No	-
T412	Jarrah	378033.2	6500460.0	750		-	-	No	-	-	-	-	Yes	Yes	Droppings and possible clippings
T413	Jarrah	378032.7	6500464.6	500	No	-	-	No	-	-	-	-	Yes	Yes	Clippings from adjacent tree, droppings
T414	Jarrah	378039.1	6500489.6	650	1 small	6	7	No evidence of use	Yes	30-40 cm	Horizontal	Not suitable	Yes	No	Dead jarrah with hollows
T415	Jarrah	378036.9	6500490.8	600	No	-	-	No	-	-	-	-	No	No	-
T416	Jarrah	378015.6	6500489.3	550	No	-	-	No	-	-	-	-	No	No	-
T417	Tuart	377997.6	6500482.9	1100	No	-	-	No	-	-	-	-	No	No	-
T418	Jarrah	377997.6	6500471.7	800	No	-	-	No	-	-	-	-	No	No	-
T419	Jarrah	378000.2	6500472.6	550	No	-	-	No	-	-	-	-	No	No	-
T420	Jarrah	377982.6	6500479.9	1300	1 large, 1 medium, 1 small	16, 10, 5	8, 12, 16	No evidence of use	Yes	20 cm, 40 cm, too high	-	Not suitable	No	No	To shallow
T421	Jarrah	377983.1	6500465.7	850	No	-	-	No	-	-	-	-	No	No	-
T422	Jarrah	377967.2	6500462.9	570	No	-	-	No	-	-	-	-	No	No	-
T423	Jarrah	377929.1	6500461.4	550	No	-	-	No	-	-	-	-	No	No	-
T424	Jarrah	377892.2	6500459.3	940	2 small	4, 5	8, 9	No evidence of use	No	Hollow too small	45	Not suitable	Yes	No	BC chewed nuts
T425	Jarrah	377863.7	6500461.6	500	No	-	-	No	-	-	-	-	No	No	-
T426	Jarrah	377847.2	6500458.4	1000	1 medium	10	4	No evidence of use	Yes	60 cm	45	Not suitable	Yes	No	To shallow, BC chewed nuts
T427	Jarrah	377828.9	6500487.7	1470	1 large	12	10	No evidence of use	Yes	40 cm	Vertical	Not suitable	Yes	No	To shallow-
T428	Jarrah	377858.7	6500503.4	550	No	-	-	No	-	-	-	Not suitable	No	No	-
T429	Jarrah	377894.5	6500501.5	1400	No	-	-	No	-	-	-	-	No	No	-
T430	Jarrah	377905.5	6500510.1	1500	No	-	-	No	-	-	-	-	No	No	-
T431	Jarrah	377976.3	6500512.0	640	No	-	-	No	-	-	-	-	No	No	Multistem
T432	Jarrah	378004.8	6500509.0	750	No	-	-	No	-	-	-	-	Yes	No	FRTBC feeding evidence
T433	Tuart	378000.2	6500559.3	1180	No	-	-	No	-	-	-	-	No	No	-
T434	Tuart	377995.0	6500573.5	700	No	-	-	No	-	-	-	-	No	No	-
T435	Tuart	378008.5	6500571.1	510	No	-	-	No	-	-	-	-	No	No	-
T436	Tuart	378015.3	6500553.3	600	No	-	-	No	-	-	-	-	No	No	-
T437	Tuart	378060.6	6500561.3	660	No	-	-	No	-	-	-	-	No	No	-
T438	Jarrah	378057.8	6500547.4	500	No	-	-	No	-	-	-	-	No	No	-

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T439	Jarrah	378068.5	6500547.8	580	No	-	-	No	-	-	-	-	No	No	-
T440	Jarrah	378073.4	6500546.1	750	1 medium	11	11	No evidence of use	Yes	50 cm	Vertical	Not suitable	No	No	To shallow
T441	Jarrah	378055.8	6500541.4	910	No	-	-	No	-	-	-	-	No	No	Multistem
T442	Jarrah	378081.4	6500541.6	700	No	-	-	No	-	-	-	-	No	No	Multistem
T443	Jarrah	378107.4	6500567.5	690	No	-	-	No	-	-	-	-	No	No	Multistem
T444	Jarrah	378084.0	6500507.7	1580	4 large, many smalls	20 to 30, many 5	6, 6, 8, 8, 10	No evidence of use	Yes	All to 10 cm	Vertical to 45	Not suitable	Yes	No	To shallow
T445	Tuart	377845.9	6499382.0	1100	No	-	-	No	-	-	-	-	No	No	-
T446	Tuart	377846.6	6499389.7	560	No	-	-	No	-	-	-	-	No	No	-
T447	Tuart	377867.1	6499398.5	600	No	-	-	No	-	-	-	-	No	No	-
T448	Tuart	377578.3	6499455.9	1100	No	-	-	No	-	-	-	-	No	No	-
T449	Tuart	377576.1	6499440.0	560	No	-	-	No	-	-	-	-	No	No	-
T450	Tuart	377538.9	6499420.8	700	No	-	-	No	-	-	-	-	No	No	Multistem
T451	Tuart	377559.3	6499393.7	650	No	-	-	No	-	-	-	-	No	No	Multistem
T452	Tuart	377671.9	6499441.8	700	No	-	-	No	-	-	-	-	No	No	Multistem
T453	Tuart	377774.4	6499481.5	700	No	-	-	No	-	-	-	-	No	No	Multistem
T454	Tuart	377776.9	6499394.9	580	No	-	-	No	-	-	-	-	No	No	-
T455	Tuart	377798.0	6499393.2	500	No	-	-	No	-	-	-	-	No	No	Multistem
T456	Tuart	377804.0	6499389.5	1100	1 large	30	10	No evidence of use	Yes	40 cm	Vertical	Not suitable	Yes	No	To shallow
T457	Jarrah	377741.3	6499373.9	500	No	-	-	No	-	-	-	-	No	No	Multistem
T458	Tuart	377766.0	6499361.4	530	No	-	-	No	-	-	-	-	No	No	Multistem
T459	Tuart	377772.4	6499362.0	1100	No	-	-	No	-	-	-	-	No	No	Multistem
T460	Tuart	377757.6	6499329.1	740	No	-	-	No	-	-	-	-	No	No	Multistem
T461	Tuart	377759.2	6499326.5	540	No	-	-	No	-	-	-	-	No	No	-
T462	Tuart	377763.4	6499313.3	500	No	-	-	No	-	-	-	-	No	No	Multistem
T463	Tuart	377769.2	6499298.1	1450	1 large, 2 small	5, 5, 20	10, 12, 16	No evidence of use	Yes	Small's 30 cm	Vertical	Not suitable	No	No	Large one not checked due to galahs nesting
T464	Tuart	377779.8	6499282.4	670	No	-	-	No	-	-	-	-	No	No	-
T465	Tuart	377776.1	6499269.1	500	No	-	-	No	-	-	-	-	No	No	-
T466	Tuart	377781.0	6499257.9	540	No	-	-	No	-	-	-	-	No	No	-
T467	Tuart	377814.8	6499252.6	520	No	-	-	No	-	-	-	-	No	No	Multistem
T468	Tuart	377814.3	6499245.3	510	No	-	-	No	-	-	-	-	No	No	-
T469	Tuart	377802.3	6499224.0	500	No	-	-	No	-	-	-	-	No	No	-
T470	Tuart	377809.4	6499211.9	560	No	-	-	No	-	-	-	-	No	No	Multistem
T471	Tuart	377800.9	6499185.9	540	No	-	-	No	-	-	-	-	No	No	Multistem
T472	Tuart	377797.6	6499179.9	520	No	-	-	No	-	-	-	-	No	No	Multistem
T473	Tuart	377821.1	6499155.3	540	No	-	-	No	-	-	-	-	No	No	-
T474	Tuart	377817.3	6499185.5	730	No	-	-	No	-	-	-	-	Yes	No	Carnaby feeding
T475	Tuart	377858.6	6499144.4	540	No	-	-	No	-	-	-	-	No	No	-
T476	Tuart	377862.5	6499178.4	500	No	-	-	No	-	-	-	-	No	No	-
T477	Tuart	377844.5	6499181.5	700	No	-	-	No	-	-	-	-	No	No	-
T478	Tuart	377843.0	6499182.8	530	No	-	-	No	-	-	-	-	No	No	-

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T479	Tuart	377882.0	6499229.8	570	No	-	-	No	-	-	-	-	No	No	-
T480	Tuart	377876.5	6499242.6	510	No	-	-	No	-	-	-	-	No	No	Multistem
T481	Tuart	377915.8	6499178.2	500	No	-	-	No	-	-	-	-	No	No	Multistem
T482	Tuart	377845.2	6499247.2	1450	2 large	2 x 20	7, 8	No evidence of use	Yes	Both to 30 cm	Vertical	Not suitable	No	No	To shallow, second hollow not checked due to bees
T483	Tuart	377823.1	6499277.1	1200	No	-	-	No	-	-	-	-	No	No	-
T484	Tuart	377813.6	6499276.0	500	No	-	-	No	-	-	-	-	No	No	-
T485	Tuart	377845.4	6499285.7	700	No	-	-	No	-	-	-	-	No	No	-
T486	Tuart	377847.9	6499286.6	1100	3, medium, 1 small	5, 3 x 10	8, 15, 15, 17	Chews present	No too high	To high to assess	-	Visual monitor 17 m	No	No	2 mediums have Galah and 28 parrots nesting
T487	Tuart	377865.3	6499289.9	1050	3 medium	3 x 10	12, 12, 13	No	-	-	-	Not suitable	No	No	One hollow with galah
T488	Tuart	377859.6	6499329.7	660	No	-	-	No	-	-	-	-	No	No	-
T489	Tuart	377853.0	6499330.6	500	No	-	-	No	-	-	-	-	No	No	-
T490	Tuart	377827.6	6499337.3	790	No	-	-	No	-	-	-	-	No	No	-
T491	Tuart	377813.6	6499328.3	530	No	-	-	No	-	-	-	-	No	No	-
T492	Tuart	377816.1	6499344.3	1350	3 large 3 small	30, 20, 15, 3 x 5	7, 10, 11	1 large extensive chews	Yes	All >1 m	Vertical	Yes, monitor	No	No	1 large 28 parrots breeding, 1 large/3 smalls with bees present
T493	Tuart	377805.9	6499311.8	1130	1 medium	12	7	No evidence of use	Yes	20 cm	45	Not suitable	No	No	-
T494	Tuart	377795.1	6499325.4	500	No	-	-	No	-	-	-	-	No	No	-
T495	Tuart	377796.3	6499342.5	500	No	-	-	No	-	-	-	-	No	No	-
T496	Tuart	377805.6	6499351.3	510	No	-	-	No	-	-	-	-	No	No	-
T497	Tuart	377826.3	6499368.9	570	No	-	-	No	-	-	-	-	No	No	Multistem
T498	Tuart	377844.2	6499359.0	580	No	-	-	No	-	-	-	-	No	No	Multistem
T499	Jarra	378008.8	6499078.2	900	No	-	-	No	-	-	-	-	No	No	-
T500	Jarra	378028.6	6499097.1	610	No	-	-	No	-	-	-	-	No	No	Multistem
T501	Jarra	378046.2	6499094.1	660	No	-	-	No	-	-	-	-	Yes	No	Chews on jarrah nuts
T502	Jarra	378067.3	6499095.6	500	No	-	-	No	-	-	-	-	No	No	Multistem
T503	Jarra	378108.0	6499093.1	810	2 small	2 x 6	2 x 5	No evidence of use	Yes	2 x 10 cm deep	45	Not suitable	No	No	No but elegant parrot breeding in tree
T504	Jarra	378112.1	6499093.1	550	No	-	-	No	-	-	-	-	No	No	-
T505	Jarra	378107.7	6499060.3	550	No	-	-	No	-	-	-	-	No	No	Multistem
T506	Jarra	378088.8	6499065.5	680	No	-	-	No	-	-	-	-	No	No	-
T507	Jarra	378074.6	6499057.7	680	No	-	-	No	-	-	-	-	No	No	-
T508	Jarra	378068.8	6499041.6	700	No	-	-	No	-	-	-	-	Yes	No	-
T509	Jarra	378098.8	6499019.0	530	No	-	-	No	-	-	-	-	No	No	-
T510	Jarra	378093.2	6499004.3	870	1 large	30	2	No evidence of use	Yes	40 cm	Horizontal	Not suitable	No	No	-
T511	Jarra	378103.6	6498993.7	700	No	-	-	No	-	-	-	-	No	No	-
T512	Jarra	378109.8	6499008.1	540	No	-	-	-	-	-	-	-	Yes	No	Jarra and surrounding sessilis feeding evidence
T513	Jarra	378102.8	6498976.8	550	1 medium	9	3	No evidence of use	Yes	40 cm	Horizontal	Not suitable	No	No	Multistem
T514	Jarra	378023.8	6499005.0	520	No	-	-	No	-	-	-	-	No	No	Multistem
T515	Jarra	378021.7	6499021.0	630	No	-	-	No	-	-	-	-	No	No	Multistem

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T516	Jarrah	378033.0	6499029.9	700	No	-	-	No	-	-	-	-	No	No	-
T517	Jarrah	378005.0	6499189.4	560	No	-	-	No	-	-	-	-	No	No	-
T518	Jarrah	378011.5	6499200.3	640	No	-	-	y	-	-	-	-	No	No	Multistem
T519	Jarrah	378059.1	6499173.0	650	No	-	-	No	-	-	-	-	No	No	-
T520	Jarrah	378072.2	6499151.7	530	No	-	-	No	-	-	-	-	No	No	-
T521	Jarrah	378086.0	6499122.0	560	No	-	-	No	-	-	-	-	No	No	-
T522	Jarrah	378055.8	6499130.9	740	No	-	-	No	-	-	-	-	No	No	-
T523	Jarrah	379783.8	6495749.1	530	No	-	-	No	-	-	-	-	No	No	Multistem
T524	Tuart	377186.0	6500595.1	1280	No	-	-	No	-	-	-	-	No	No	-
T525	Tuart	377220.3	6500622.5	670	No	-	-	No	-	-	-	-	No	No	-
T526	Tuart	377182.4	6500636.3	1130	2 large	12, 20	5, 7	No evidence of use	Yes	>1m, couldn't see base	Vertical, 45	Yes, monitor	No	No	Good deep hollow
T527	Tuart	377155.0	6500627.3	940	1 large	40, 20	7	No evidence of use	Yes	7 m is 1 m	Vertical	Yes, monitor	No	No	Multistem, good deep hollow
T528	Tuart	377150.3	6500637.0	630	No	-	-	No	-	-	-	-	No	No	-
T529	Tuart	377130.8	6500632.8	580	No	-	-	No	-	-	-	-	No	No	Multistem
T530	Tuart	377128.3	6500639.2	1200	No	-	-	No	-	-	-	-	No	No	-
T531	Tuart	377157.7	6500639.1	500	No	-	-	No	-	-	-	-	No	No	Multistem
T532	Tuart	377156.1	6500658.6	500	No	-	-	No	-	-	-	-	No	No	Multistem
T533	Tuart	377158.7	6500659.0	680	No	-	-	No	-	-	-	-	No	No	-
T534	Tuart	377173.3	6500672.1	500	No	-	-	No	-	-	-	-	No	No	Multistem
T535	Tuart	377159.8	6500681.9	500	No	-	-	No	-	-	-	-	No	No	Multistem
T536	Tuart	377152.5	6500693.6	1350	No	-	-	No	-	-	-	-	No	No	Multistem
T537	Tuart	377131.4	6500653.5	600	No	-	-	No	-	-	-	No suitable	No	No	Multistem, one stem next to main trunk has hollows but badly compromised
T538	Tuart	377125.4	6500676.3	1100	No	-	-	No	-	-	-	-	No	No	-
T539	Tuart	377130.7	6500690.9	680	No	-	-	No	-	-	-	-	No	No	-
T540	Tuart	377103.0	6500712.2	750	No	-	-	No	-	-	-	-	No	No	Multistem
T541	Tuart	377059.5	6500729.3	1410	1 large	20	4	No evidence of use	Yes	1-1.5 m but difficult to tell	Vertical	Not suitable	No	No	Too low for BC. Previously identified habitat tree.
T542	Tuart	377056.1	6500735.6	540	No	-	-	No	-	-	-	-	No	No	Multistem
T543	Tuart	377044.3	6500733.2	500	No	-	-	No	-	-	-	-	No	No	-
T544	Tuart	377041.0	6500706.8	520	No	-	-	No	-	-	-	-	No	No	-
T545	Tuart	377003.9	6500798.3	710	1 medium	10	5	No evidence of use	-	5 m is 5 cm	45	Not suitable	No	No	To shallow
T546	Tuart	377078.5	6500674.8	840	2 large	30, 18	6, 7	No evidence of use	Yes	6 m is 30 cm, 7 m is 50 cm	Vertical	Not suitable	Yes	No	To shallow
T547	Tuart	377084.4	6500665.6	530	No	-	-	No	-	-	-	-	No	No	Multistem
T548	Tuart	377098.6	6500638.6	1100	2 large	20, 15	15, 10	No evidence of use	Yes	>1m but hollow compromised	Vertical	Not suitable	No	No	Galah breeding in highest hollow, Barn Owl in the other
T549	Tuart	377071.5	6500635.2	1030	2 large	30, 16	5, 7	No evidence of use	Yes	20 cm, not checked second	45	Yes, monitor	No	No	Kookaburra eggs. Suitable but possibly too low for BC.

Number	Tree Species	Easting	Northing	DBH	Hollows Present	Hollow Entrance Size (CM)	Hollow Heights (M)	Breeding Evidence	Hollow Pole Cam Inspection	Hollow Depth	Hollow Angle	Hollow Suitability	Feeding Evidence	Roosting Evidence	Comment
T550	Tuart	377091.9	6500618.9	650	No	-	-	No	-	-	-	-	No	No	-
T551	Tuart	377069.5	6500656.6	530	No	-	-	No	-	-	-	-	No	No	Multistem
T552	Tuart	377046.8	6500634.8	730	No	-	-	No	-	-	-	-	No	No	Multistem
T553	Tuart	377034.0	6500637.9	610	No	-	-	No	-	-	-	-	No	No	Multistem
T554	Tuart	377049.7	6500618.5	1220	No	-	-	No	-	-	-	-	No	No	-
T555	Tuart	377101.6	6500608.9	570	No	-	-	No	-	-	-	-	No	No	Multistem
T556	Tuart	377088.0	6500573.6	560	No	-	-	No	-	-	-	-	No	No	Multistem
T557	Tuart	377106.4	6500577.6	600	No	-	-	No	-	-	-	-	No	No	Multistem
T558	Tuart	377127.3	6500589.6	580	No	-	-	No	-	-	-	-	No	No	Multistem
T559	Tuart	377129.3	6500599.7	540	No	-	-	No	-	-	-	-	No	No	-
T560	Tuart	377146.2	6500583.2	1100	No	-	-	No	-	-	-	-	No	No	-
T561	Tuart	377142.9	6500615.7	510	No	-	-	No	-	-	-	-	No	No	-
T562	Tuart	377120.1	6500624.0	520	No	-	-	No	-	-	-	-	No	No	Multistem
T563	Jarrah	379051.9284	6497372.365	500	No	-	-	No	-	-	-	-	No	No	-
T564	Jarrah	379138.9703	6497379.616	500	No	-	-	No	-	-	-	-	No	No	-
T565	Jarrah	379183.5997	6497321.528	600	No	-	-	No	-	-	-	-	No	No	-
T566	Jarrah	379165.1223	6497323.062	600	No	-	-	No	-	-	-	-	No	No	-
T567	Jarrah	379172.7453	6497302.847	500	No	-	-	No	-	-	-	-	No	No	-
T568	Jarrah	379170.7453	6497300.847	500	No	-	-	No	-	-	-	-	No	No	-
T569	Jarrah	379175.7453	6497305.847	500	No	-	-	No	-	-	-	-	No	No	-
T570	Tuart	377742.8491	6500561.394	500	No	-	-	No	-	-	-	-	No	No	-

Trees with suitable hollows selected for monitoring in the survey area

Number	Tree Species	DBH	Hollows Present	Hollow Entrance Size (CM)	Hollow Heights (M)	Breeding Evidence	Hollow Pole Cam Inspection	Hollow Depth	Hollow Angle	Comment August	Comment November	Comment January
T73	Tuart	1410	3 large	all 20 plus	7, 9, 12	no evidence of use	yes	7m >1m, 9m 40cm, 12m 30 cm	2x vertical, 1x 45	7m is blocked, 9 m >1 m deep into trunk but had barn owl, 12 m blocked at 40 cm, other unknown but bees present. No Black Cocky use	Barn owl hollow too high to reach with pole cam but no external evidence of use. Lower large hollow checked but blocked with wood. No Black Cocky use	3 x hollows checked. 7 m hollow blocked with rotten wood, 9 m hollow is trunk hollow, 12 m hollow is trunk hollow with bees present. No evidence of black cocky use.
T78	Tuart	920	3 large	16, 20, 24	7, 12, 15	potential old chews	yes, lower hollow	7m is 30 cm deep	slight angle	old chews in lower hollow, galah in top one. No Black Cocky use	Top hollow that had Galahs has chews but no signs of current activity. Bees in second hollow. No camera pic. No Black Cocky use	No hollow visible at 7 m (branch down). 12 m is spout hollow on south side of tree, old chew marks and possible owl scats (urates) visible. 15 m hollow contains bees. No Black Cocky use
T87	Tuart	2500	2 large	2x 16	12 to 15	no evidence of use	yes	12 m 10 cm, 15 m to high	almost vertical	15 m to high but Eastern Long-billed Corella in 15 m. No Black Cocky use	Visual only as hollow was too high for pole cam. Hollow hard to inspect but no external evidence of use. No Black Cocky use	2 x hollows visually inspected. 12 m and 15 m hollows both in diagonal branch. Also a recently fallen branch containing hollow. No Black Cocky use
T103	Tuart	1300	1 large	16	6	no evidence of use	yes	1m	almost vertical	Potentially a bit low monitor. No Black Cocky use	Visual inspection as too high for pole cam. No signs of use. No Black Cocky use	1 x hollow checked, vertical sawn off spout at 4 m. No evidence of use. No Black Cocky use
T106	Tuart	1600	4 large	all 20 plus	4, 6, 8, 12	no evidence of use	yes	4 m approx 1 m, 6m 20 cm, 8 m 1.2m	2x vertical, 2x horizontal	8 m 1.2 deep galah nesting great hollow. Old chews but no Black Cocky use	Visual inspection as hollow too high for pole cam. No visual external evidence of use. Galahs were gone. No use observed. No Black Cocky use	4 x hollows checked. 4 m hollow had termite activity, 6 m hollow had dead wood blocking most of hollow, 8 m hollow had a barn owl roosting who flew out, 12 m was too high for pole cam but was visually inspected with no evidence of use. No Black Cocky use
T236	Tuart	2200	1 large, 1 small	20, 5	20, 3	no evidence of use	yes	3 m 30 cm (bees)	vertical	Multistem with listed hollow contains beehive. No Black Cocky use	Galahs in large hollow. No Black Cocky use	3 m high hollow contains bees and is located on east side of tree. 20 m hollow is located on west side of tree on a spout. No evidence of use.
T239	Tuart	2200	2 large, 2 medium	10, 15, 15, 10	6, 8, 8.5, 20	old chews present	yes	6 m 10 cm, 8 m 10 cm, 8.5 m 10 cm	45 and vertical	Multistem, 28 parrots appear nesting in upper canopy. Numerous hollows but no Black Cocky use	No Black Cocky use	2 large at 8 m. Low empty and shallow, 8 m is solid stump with no hollow, 8.5 m is 20 cm deep. 20 m had visual inspection, no bees and no evidence of use. Whistling kite hanging around. The 20 m hollow is north facing on a broken branch. No Black Cocky use
T242	Tuart	1800	2 large, 1 medium	20, 10, 20	8, 15, 20	Possible internal chews	yes	8 m 90 cm	vertical	20 m hollow guarded by galahs in tree. No Black Cocky use	Bees present in 2 hollows (1 x large, 1 x med), other large hollow had chews, feathers and nesting material.	Medium hollow located on northwest side, at least 50 cm deep. No evidence of use. 15 m hollow is a branch hollow on the north side of tree. No evidence of use. 15 m hollow is in black fork hollow (burned) in centre of tree. No evidence of use. 20 m hollow is south facing vertical branch hollow near top of tree. Old chew marks present, otherwise no evidence of use.
T245	Tuart	2000	3 large	20, 15, 20	25, 30, 10	no evidence of use	no to high	not assessed	45	Galahs in tree and chewing on branches, bees present in lower hollow but upper large ones look good	Some chews on highest hollow, no other evidence of use suspect Galah. Could not reach with pole cam.	10 m hollow is southwest facing at about 20 cm deep. No evidence of use. 25 m hollow has 20 cm diameter and is a trunk hollow near a fork. Bees present. 30 m hollow is trunk hollow facing east in centre of tree. No evidence of use.
T252	Tuart	1600	2 large	15, 15	15, 25	old chews present	no to high	not assessed	45	bees in lower hollow, but large above has chews possible Galah but monitor	Large hollow has historic chews - Galah. Small hollow contains bees. Bees also present in split at Galah hollow which is probably not in use.	15 m hollow is spout hollow with bees present, possible chew marks, NE facing. 25 m hollow at 45 degree angle east facing on branch. No evidence of use, possible old chew marks.
T259	Tuart	1300	2 large, 1 medium	20, 20, 10	10, 16, 17	no evidence of use	yes	10 m 20 cm, 2 large look good	vertical	Multistem form, All hollows in dead wood from original main stem, potentially more hollows higher	No activity. All hollow appear unused	10 m hollow on north side of tree is burned and shallow/not hollow. 16 m hollow is east facing. 18 m branch hollow is almost verticle on south side of tree. No evidence of use at any hollow. 18 m branch hollow had bees present on the north section of the tree facing south. Possible hollow at 13 m facing north but to high no use.
T299	Tuart	1200	2 large	2x 20	8, 11	old chews present	yes	8 m >1 m, 11 m 1 m	vertical	Two large hollows present but possible old chews present.	Large hollow has old chews present but no signs of current use. Too high for pole cam to reach. Lower hollow now contains bees - not assessed with pole. Highest hollow may be impacted by beehive below it.	8 m hollow has bees, 11 m too high for pole cam. Possible old chew marks, no other evidence of use. No sign of bees in upper hollow compared to previous assessment.
T308	Tuart	750	2 large, 1 small	5, 30, 20	5, 7, 4	old chews present	yes	5 m and 7 m same hollow. 1 m, 4 m 20cm	vertical and 45	Dead Tuart with hollows in mainstem, likely all hollows are linked to form one and maybe to deep for use. Possible old chews present.	Several hollows part of the same trunk hollow. Largest hollow blocked with debris at 40 cm, no signs of use, photos taken. Next highest is deep but no signs of activity.	3 x hollows checked. 4 m hollow was angled and shallow, located on east side of tree, 20 cm deep with frass. 5 m hollow is deep in south side of tree, possible old chew marks. 7 m hollow is deep. No other evidence of use at any hollow.
T325	Tuart	800	1 large	30	7	old chews present	yes	1.2 m	vertical	One large hollow of great depth and size possible old chews present externally, no recent use	1 x large hollow present and deep. No external sign of use, no internal signs of use. Photos taken.	7 m hollow is deep and near vertical, possible old chew marks externally. No other evidence of use.
T327	Tuart	950	4 large	20, 20, 15, 25	3, 5, 6, 11	old chews present	yes	3 m 10 cm, 5 m 10 cm, 6 m 10 cm, 11m 2m	vertical and 45	Multistem form, Several large hollows with old chews present. Nothing fresh monitor.	Tallest hollow no activity at entrance - no chews. Pics taken of lower hollow - 40 cm deep. No signs of use.	4 x hollows checked. 3 m hollow 10 cm deep. 7 m (more like 6 m) big spout hollow. 5 m no hollow, too shallow - 10 cm deep and filled with leaf litter. No evidence of black cocky use at any hollow.

Number	Tree Species	DBH	Hollows Present	Hollow Entrance Size (CM)	Hollow Heights (M)	Breeding Evidence	Hollow Pole Cam Inspection	Hollow Depth	Hollow Angle	Comment August	Comment November	Comment January
T486	Tuart	1100	3, medium, 1 small	5, 3x 10	8, 15, 15, 17	chews present	no to high	To high to assess		2 medium hollows have Galah and 28 parrots nesting	1 x medium hollow with fresh chews. Too high to reach with pole cam, bees present in hollow, no sign of previous breeding events but bees have taken over 28 Parrot breeding hollow.	8 m branch hollow/spout, photos taken, no longer looks like hollow or shallow hollow, some chew marks, south facing. 10 m small branch hollow was chewed but too small for black cocky, NE facing. 13 m branch hollow is north facing, no evidence of use. 10 m hollow is north facing trunk slit, no evidence of use.
T492	Tuart	1350	3 large 3 small	30, 20, 15, 3x 5	7, 10, 11	1 large extensive chews	yes	All >1 m	vertical	1 large hollow with 28 parrots breeding, 1 large/3 smalls with bees present	Aggravated bees - could not reach hollow, no chews or evidence of use, no photos taken	7 m hollow is south facing on burned trunk and had bees present, no other evidence of use. 10 m trunk hollow is east facing and 20 cm in diameter, has fresh chews, no bees and is oblong shape. 13 m trunk hollow is north facing with bees present, possible old chews. Note all 3 hollows on same trunk section. No actual signs of Black Cockatoo use
T526	Tuart	1130	2 large	12, 20	5, 7	no evidence of use	yes	>1m, couldnt see base	vertical, 45	One of the large hollow ever deep however no signs of use	Bees in one of the large hollows. No signs of use on the other	2 x hollows checked. Bees in larger hollow, abandoned bee hive in smaller hollow.
T527	Tuart	940	1 large	40, 20	7	no evidence of use	yes	1 m	vertical	Multistem, one large hollow and deep. No signs of use.	Bees now in trunk under main hollow which had no obvious chews, scat etc. Not photographed as bees very aggravated.	No evidence of use. 1 x hollow checked. Reduced bee activity.
T549	Tuart	1030	2 large	30, 16	5, 7	no evidence of use	yes	40 cm, not checked second	45	Hollow checked with cam and 3 kookaburra eggs present (Kookabuura upset in tree). Suitable but possibly to low for BC.	Bees taken over 2 x hollows (including one previously containing kookaburra eggs). Two gallahs defending other large hollow (from bees).	2 x hollows checked, no evidence of use. Bees in a 3rd small hollow at 5 m. Bees subsided from previous assessment but no BC use recorded.

Fauna likelihood of occurrence assessment of conservation significant fauna identified in the desktop assessment as potentially occurring within the study area.

Species name	Status			Source		Habitat Requirements	Likelihood of occurrence Survey area	Likelihood of occurrence Extended Survey area
	EPBC Act	BC Act	DBCA	EPBC Act PMST	NM			
Birds								
<i>Botaurus poiciloptilus</i> Australasian Bittern	EN	EN		x		Densely vegetated freshwater wetlands and, rarely, in estuaries or tidal wetlands. In the southwest of Western Australia, the Bittern is found in beds of tall rush mixed with or near short fine sedge or open pools. It also occurs around swamps, lakes, pools, rivers and channels fringed with lignum <i>Muehlenbeckia</i> , canegrass <i>Eragrostis</i> or other dense vegetation. It occasionally ventures into areas of open water or onto banks (DotE 2018b).	Highly Unlikely - There is no suitable habitat for this species within the survey area.	Likely - There is suitable habitat for this species around Nowergup Lake.
<i>Calyptorhynchus banksii naso</i> Forest Red-tailed Black Cockatoo	VU	VU		x	x	The Forest Red-tailed Black Cockatoo inhabits the dense jarrah, karri, and marri forests receiving more than 600 mm annual average rainfall but also occurs in a range of other forest and woodland types, including Blackbutt (<i>E. patens</i>), Wandoo (<i>E. wandoo</i>), Tuart (<i>E. gomphocephala</i>), Albany Blackbutt (<i>E. staeri</i>), Yate (<i>E. cornuta</i>), and Flooded Gum (<i>E. rudis</i>) (DotE 2012). Habitats tend to have an understorey of balga (<i>Xanthorrhoea</i> spp.), kingia (<i>Kingia australis</i>), snottygobble (<i>Persoonia</i> spp.), parrot bush (<i>Banksia sessilis</i>), holly-leaved mirbelia (<i>Mirbelia dilatata</i>), bull banksia (<i>B. grandis</i>), bullich (<i>Taxandria</i> spp.) and sheoak (<i>Allocasuraina fraseriana</i>). They are most common in the jarrah forest region of the northern Darling Range from Collie north to Mundaring and are very local throughout the lower south-west. They can be found on the Swan Coastal Plain, mainly in search of food the exotic white cedar (<i>Melia azedarach</i>). There are also several small isolated populations in the eastern parts of its range (DotE 2012).	Known – The species was recorded during the survey	Known – The species was recorded during the survey
<i>Calyptorhynchus latirostris</i> Carnaby's Black Cockatoo	EN	EN		x	x	Carnaby's Black Cockatoo occurs in uncleared or remnant native eucalypt woodlands, especially those that contain salmon gum, wandoo, marri, jarrah and karri, and in shrubland or kwongan heathland dominated by <i>Hakea</i> , <i>Dryandra</i> , <i>Banksia</i> and <i>Grevillea</i> species. Breeding activity is restricted to eucalypt	Known – The species was recorded during the survey	Known – The species was recorded during the survey

Species name	Status			Source		Habitat Requirements	Likelihood of occurrence Survey area	Likelihood of occurrence Extended Survey area
	EPBC Act	BC Act	DBCA	EPBC Act PMST	NM			
						woodlands mainly in the semi-arid and subhumid interior, from Kalbarri in the north, Three Springs District south to the Stirling Range, west to Cockleshell Gully and east to Manmanning. The species has expanded its breeding range westward and south into the jarrah-marri forests of the Darling Scarp and into the tuart forests of the Swan Coastal Plain, including the Yanchep area, Lake Clifton and near Bunbury. It nests in trees older than 120-150 years (DotEE 2018b).		
<i>Falco peregrinus</i> Peregrine Falcon		OS			x	The Peregrine Falcon is found on and near cliffs, gorges, timbered watercourses, riverine environments, wetlands, plains, open woodlands, and pylons and spires of buildings, though less frequently in desert regions (Morcombe 2004). They are not common but can be found almost anywhere throughout WA and in the southwest, including particularly at Fitzgerald River, Stirling Range, Porongurup National Parks, Kondinin, and Peak Charles, with many more locations north of Perth (Nevill 2013).	Known – The species was recorded during the survey	Known – The species was recorded during the survey
<i>Leipoa ocellata</i> Malleefowl	VU	VU		x		The Malleefowl generally occurs in semi-arid areas of Western Australia, in shrublands and low woodlands that are dominated by mallee vegetation, as well as native pine <i>Callitris</i> woodlands, <i>Acacia</i> shrublands, paperbark, skheoak, Broombush <i>Melaleuca uncinata</i> vegetation, eucalypt woodlands, or coastal heathlands. Mostly they are found where there are sandy or gravel soils. The nest is a large mound of sand or soil and organic matter (Jones and Goth 2008; Morcombe 2004; Nevill 2013). In WA they are found from the southwest Nullarbor to Albany, north, and then west from Moore River up to Shark Bay, past Cue, across to Wiluna and east to the northern Victoria Desert south of the Blackstone Ranges (Nevill 2013).	Highly Unlikely - The survey area is outside the currently known distribution for this species.	Highly Unlikely - The survey area is outside the currently known distribution for this species.

Species name	Status			Source		Habitat Requirements	Likelihood of occurrence Survey area	Likelihood of occurrence Extended Survey area
	EPBC Act	BC Act	DBCA	EPBC Act PMST	NM			
<i>Limosa lapponica baueri</i> Bar-tailed Godwit	VU	VU		x		The Bar-tailed godwit (Western Alaskan) occurs mainly in coastal habitats such as large intertidal sandflats, banks, mudflats, estuaries, inlets, harbours, coastal lagoons and bays. It has also been recorded in coastal sewage farms and saltworks, saltlakes and brackish wetlands near coasts, sandy ocean beaches, rock platforms, and coral reef-flats. It is widespread around the coast, from Eyre to Derby (TSSC 2016). They are uncommon in the south west (Nevill 2013).	Highly Unlikely - There is no suitable habitat for this species within the survey area.	Highly Unlikely - There is no suitable habitat for this species within the survey area.
<i>Limosa lapponica menzbieri</i> Northern Siberian Bar-tailed Godwit	CE	VU		x		The Bar-tailed Godwit (northern Siberian) is found mainly in coastal habitats such as large intertidal sandflats, banks, mudflats, estuaries, inlets, harbours, coastal lagoons and bays. It is found often around beds of seagrass and, sometimes, in nearby saltmarsh. It has been sighted in coastal sewage farms and saltworks, saltlakes and brackish wetlands near coasts, sandy ocean beaches, rock platforms, and coral reef-flats (DotEE 2018a). They are uncommon in the south west, but can be sighted from Geraldton to Bunbury, at Alfred Cove, and then at a few estuaries on the south coast including Kalgan River Mouth and Oyster Harbour (Nevill 2013).	Highly Unlikely - There is no suitable habitat for this species within the survey area.	Highly Unlikely - There is no suitable habitat for this species within the survey area.
<i>Numenius madagascariensis</i> Eastern Curlew	CE, Mi	VU		x		The Eastern Curlew is most commonly associated with sheltered coasts, especially estuaries, bays, harbours, inlets and coastal lagoons, with large intertidal mudflats or sandflats, often with beds of seagrass. Occasionally, the species occurs on ocean beaches (often near estuaries), and coral reefs, rock platforms, or rocky islets. The birds are often recorded among saltmarsh and on mudflats fringed by mangroves, sometimes within the mangroves, and in coastal saltworks and sewage farms. In the south west, Eastern Curlews are recorded from Eyre, and there are scattered records from Stokes Inlet to Peel Inlet (Marchant & Higgins 1993). They are uncommon further south of Geraldton, but can be spotted in Alfred Cove, Peel Inlet and the Albany region (Nevill 2013).	Highly Unlikely - There is no suitable habitat for this species within the survey area.	Highly Unlikely - There is no suitable habitat for this species within the survey area.

Species name	Status			Source		Habitat Requirements	Likelihood of occurrence Survey area	Likelihood of occurrence Extended Survey area
	EPBC Act	BC Act	DBCA	EPBC Act PMST	NM			
<i>Oxyura australis</i> Blue-billed Duck			P4		x	The blue-billed duck is a small Australian almost entirely aquatic duck (Morcombe 2004). The blue-billed duck is endemic to Australia's temperate regions, ranging from the south west of WA, extending to southern Queensland, through New South Wales and Victoria, to Tasmania. The species is readily seen on freshwater lakes where deep fresh water is present (Morcombe 2004).	Highly Unlikely - There is no suitable habitat for this species within the survey area.	Likely - There is suitable habitat for this species at Nowergup Lake.
<i>Rostratula australis</i> Australian Painted Snipe	EN, Mi	EN		x		The Australian Painted Snipe generally inhabits shallow terrestrial freshwater (occasionally brackish) wetlands, including temporary and permanent lakes, swamps and claypans. They also use inundated or waterlogged grassland or saltmarsh, dams, rice crops, sewage farms and bore drains. Typical sites include those with rank emergent tussocks of grass, sedges, rushes or reeds, or samphire; often with scattered clumps of lignum Muehlenbeckia, canegrass, or sometimes tea-tree (Melaleuca). It sometimes uses areas that are lined with trees, or that have some scattered fallen or washed-up timber (DotEE 2018a). In the south west it can be found around Carnarvon and wetlands north of Perth, particularly those west of Moora and Gin Gin (Nevill 2013).	Highly Unlikely - There is no suitable habitat for this species within the survey area.	Likely - There is suitable habitat for this species at Nowergup Lake.
<i>Sternula nereis nereis</i> Australian Fairy Tern	VU, Mi	VU		x		The Fairy Tern occurs along the coast of WA as far north as the Dampier Archipelago near Karratha, but mostly in the southern part of Australia including most of the coastline in the south west. It nests on sheltered sandy beaches, coastal inlets, spits and banks above the high tide line and below vegetation. It has been found in embayments of a variety of habitats including offshore, estuarine or lacustrine (lake) islands, wetlands, and mainland coastline (DotEE 2018a, Nevill 2013). They can also be seen in saltfields, saline or brackish lakes, and sewage ponds near the coast.	Highly Unlikely - There is no suitable habitat for this species within the survey area.	Highly Unlikely - There is no suitable habitat for this species within the survey area.

Species name	Status			Source		Habitat Requirements	Likelihood of occurrence Survey area	Likelihood of occurrence Extended Survey area
	EPBC Act	BC Act	DBCA	EPBC Act PMST	NM			
<i>Actitis hypoleucos</i> Common Sandpiper	Mi	IA		x	x	The Common Sandpiper is found along all coastlines of Australia and uses a wide range of coastal wetlands and some inland wetlands, with varying levels of salinity, and is mostly found around often narrow and steep muddy margins or rocky shores. The species has been recorded in estuaries and deltas of streams, as well as on banks further upstream; around lakes, pools, mangroves, billabongs, reservoirs, dams and claypans, and occasionally piers and jetties. It is often found near mangroves, and sometimes in areas of mud littered with rocks or snags (DotEE 2018a). They are somewhat uncommon in the south west, but can be found on Rottnest and Penguin Islands, and along the south coast all the way to the Esperance region, including the inland lakes like Lake Warden (Nevill 2013).	Highly Unlikely - There is no suitable habitat for this species within the survey area.	Likely - There is suitable habitat for this species at Nowergup Lake.
<i>Calidris melanotos</i> Pectoral Sandpiper	Mi	IA		x		In Western Australia, the Pectoral Sandpiper is rarely recorded (DotEE 2018a). It prefers shallow fresh to saline wetlands and is found in coastal lagoons, estuaries, bays, swamps, lakes, inundated grasslands, saltmarshes, river pools, creeks, floodplains and artificial wetlands. The species is usually found in coastal or near coastal habitat but occasionally found further inland. It prefers wetlands that have open fringing mudflats and low, emergent or fringing vegetation, such as grass or samphire. The species has also been recorded in swamp overgrown with lignum. They forage in shallow water or soft mud at the edge of wetlands (Higgins & Davies 1996).	Highly Unlikely - There is no suitable habitat for this species within the survey area.	Likely - There is suitable habitat for this species at Nowergup Lake.
<i>Motacilla cinerea</i> Grey Wagtail	Mi	IA		x		The Grey Wagtail is an opportunistic migrant to Australia. The species typically migrates to Indonesia occasionally landing in Australia. Most records for the species are from Northern Australia and South Australia (Morcombe 2004). The non-breeding habitat only of the Grey Wagtail has a strong association with water, particularly rocky substrates along water courses but also lakes and marshes (DotEE 2018a). It can be found mainly in banks and rocks in fast-running freshwater habitats: rivers, creeks, streams, and around waterfalls, both in	Highly Unlikely - There is no habitat for this species within the survey area.	Highly Unlikely - There is no habitat for this species within the survey area.

Species name	Status			Source		Habitat Requirements	Likelihood of occurrence Survey area	Likelihood of occurrence Extended Survey area
	EPBC Act	BC Act	DBCA	EPBC Act PMST	NM			
						forest and open country; but occurs almost anywhere during migration (Johnstone & Storr 2004).		
<i>Pandion haliaetus</i> Osprey	Mi	IA		x	x	Ospreys occur in littoral and coastal habitats and terrestrial wetlands of tropical and temperate Australia and offshore islands. They are mostly found in coastal areas but occasionally travel inland along major rivers, particularly in northern Australia. They require extensive areas of open fresh, brackish or saline water for foraging. They frequent a variety of wetland habitats including inshore waters, reefs, bays, coastal cliffs, beaches, estuaries, mangrove swamps, broad rivers, reservoirs and large lakes and waterholes. They exhibit a preference for coastal cliffs and elevated islands in some parts of their range but may also occur on low sandy, muddy or rocky shores and over coral cays (DotEE 2018a). The osprey is found along all of the south west coast line except east of Cape le Grand where it becomes scarce (Nevill 2013).	Highly Unlikely - There is no suitable habitat for this species within the survey area.	Highly Unlikely - There is no suitable habitat for this species within the survey area.
<i>Tringa nebularia</i> Common Greenshank	Mi	IA		x	x	The Common Greenshank is found in a wide variety of inland wetlands and coastal habitats of varying salinity. It occurs in sheltered coastal areas typically with large mudflats and saltmarsh, mangroves or seagrass, including embayments, harbours, river estuaries, deltas and lagoons, but less often in round tidal pools, rock-flats and rock platforms. The species uses both permanent and ephemeral terrestrial wetlands, including swamps, lakes, dams, rivers, creeks, billabongs, waterholes and inundated floodplains, claypans and saltflats, and artificial wetlands. They occur around most of the coast from Cape Arid in the south to Carnarvon in the north-west (DotEE 2018a), and are moderately common here given suitable habitat. They can be found in areas including Wannamal Lake, many Perth lakes, Alfred Cove, Peel Inlet, Vasse and Harvey Estuaries, and the Albany and Esperance regions (Nevill 2013).	Highly Unlikely - There is no suitable habitat for this species within the survey area.	Likely - There is suitable habitat for this species at Nowergup Lake.

Mammals

Species name	Status			Source		Habitat Requirements	Likelihood of occurrence Survey area	Likelihood of occurrence Extended Survey area
	EPBC Act	BC Act	DBCA	EPBC Act PMST	NM			
<i>Bettongia pencillata</i> subsp. <i>oglibyi</i> Woylie	EN	CR			x	Preferred habitat for the Woylie includes dense undergrowth, logs and rock-cavities and occasionally in burrows (Burbidge 2004). Scattered Woylie populations may be found throughout the Jarrah forest in the south-west corner of WA. Extant naturally occurring populations of the species are restricted to three small wheatbelt reserves – Dryandra Woodland, Tutanning Nature Reserve and Perup Forest. All are characterised by the presence of thickets of the plant <i>Gastrolobium</i> (Van Dyck and Strahan 2008). The species is now restricted to forests and areas where predation has been controlled (or excluded). It rests during the day in a well-concealed nest, built over a shallow depression. The nest is most commonly built using long strands, of grasses, but other material such as strips of bark are also used (in the forest) or dried seagrass and/or triodia (in arid coastal areas) (Freegard 2007).	Highly Unlikely - This species has experienced considerable population decline in the wild, and only naturally occurs in three Wheatbelt reserves in WA. The fragmented nature of the survey area and presence of feral cats and foxes would reduce the likelihood of the species.	Highly Unlikely - This species has experienced considerable population decline in the wild, and only naturally occurs in three Wheatbelt reserves in WA. The fragmented nature of the survey area and presence of feral cats and foxes would reduce the likelihood of the species.
<i>Dasyurus geoffroi</i> Chuditch, Western Quoll	VU	VU		x	x	The Chuditch inhabits eucalypt forest (especially Jarrah, <i>E. marginata</i>), dry woodland, mallee shrublands, heaths, and desert, particularly in the south coast of WA. They also occur at lower densities in drier woodland and mallee shrubland in the goldfields and wheatbelt, as well as in Kalbarri National Park (translocated). Chuditch require adequate numbers of suitable den and refuge sites (horizontal hollow logs or earth burrows) to survive (DEC 2012). In Jarrah forest, Chuditch populations occur in both moist, densely vegetated, steeply sloping forest and drier, open, gently sloping forest (Van Dyck and Strahan 2008). The species can travel large distances, and for this reason requires habitats that are of a suitable size and not excessively fragmented (DEC 2012).	Unlikely - The Chuditch had disappeared from the Swan Coastal Plain in the 1930s, (Orell and Morris 1994). Scattered individuals have since been recorded but these are considered disbursal individuals from the Darling range not a sustained population.	Unlikely - The Chuditch had disappeared from the Swan Coastal Plain in the 1930s, (Orell and Morris 1994). Scattered individuals have since been recorded but these are considered disbursal individuals from the Darling range not a sustained population.

Species name	Status			Source		Habitat Requirements	Likelihood of occurrence Survey area	Likelihood of occurrence Extended Survey area
	EPBC Act	BC Act	DBCA	EPBC Act PMST	NM			
<i>Isoodon fusciventer</i> Quenda, Southwestern Brown Bandicoot			P4		x	The Quenda prefers dense scrubby, often swampy, vegetation with dense cover up to one metre high. However, it also occurs in woodlands, and may use less ideal habitat where this habitat occurs adjacent to the thicker, more desirable vegetation. On the Swan Coastal Plain, Quenda are often associated with wetlands. The species often feeds in adjacent Jarrah and Wandoo forest and woodland that is burnt on a regular basis and in areas of pasture and cropland lying close to dense cover (Van Dyck and Strahan 2008).	Known – The species was recorded during the survey	Known – The species was recorded during the survey
<i>Notamacropus irma</i> Western Brush Wallaby			P4		x	The Western Brush Wallaby is found primarily in open forest or woodland, particularly favouring open, seasonally-wet flats with low grasses and open scrubby thickets. It is also found in some areas of mallee and heathland, and is uncommon in karri forest (Van Dyck and Strahan 2008).	Known – The species was recorded during the survey	Known – The species was recorded during the survey
<i>Parameles bougainville</i> subsp. <i>bougainville</i> Western Barred Bandicoot	EN	VU			x	The Western Barred Bandicoot is now restricted to Bernier and Dorre Islands in Shark Bay, but was reintroduced to Heirisson Prong and to Faure Island in Shark Bay, although they are presumed extinct at the former. Historically the Western Barred Bandicoot occupied a wide variety of semi-arid and arid landscapes and vegetation types, including the saltbush covered Nullarbor Plain, sand ridges with woodlands, bluebush plains, desert Acacia, dense shrublands (particularly thickets of <i>Allocasuarina</i> seedlings) and heath, broken by sandhills and limestone outcrops in western central Australia. On Bernier and Dorre Islands, the populations are found widely in all habitats, but are most likely found in tall scrub (Richards 2012; Van Dyck & Strahan 2008).	Highly Unlikely- The mainland sub-species of the Western Barred Bandicoot is extinct.	Highly Unlikely- The mainland sub-species of the Western Barred Bandicoot is extinct.

Species name	Status			Source		Habitat Requirements	Likelihood of occurrence Survey area	Likelihood of occurrence Extended Survey area
	EPBC Act	BC Act	DBCA	EPBC Act PMST	NM			
<i>Petrogale lateralis</i> subsp. <i>lateralis</i> Black-flanked Rock-wallaby	VU	EN			x	Current known Black-flanked Rock-wallaby populations remain restricted to suitable habitat in the Little Sandy Desert, Cape and Calvert Ranges, with seven populations in the Wheatbelt region, Barrow and Salisbury Islands, and Ningaloo Station. Populations have been re-established via translocation to a number of sites in the Avon Valley and Cape le Grand National Parks and Paruna Sanctuary. In the south-west, colonies are largely confined to scattered granite outcrops in remnants of mallee scrub surrounded by cleared agricultural land. The habitat varies between colonies but always involves grassland feeding habitat for feeding in close proximity to cliff, rock-pile, talus or escarpment refuge habitat. Rock cliffs or other steep substrates with adequate shelter and refuge are essential for breeding (Pearson 2013; Van Dyck & Strahan 2008).	Highly Unlikely - There is no suitable habitat present within the survey area for this species. The survey area is outside its currently known distribution.	Highly Unlikely - There is no suitable habitat present within the survey area for this species. The survey area is outside its currently known distribution.
Reptiles								
<i>Neelaps calonotos</i> Black-striped Snake			P3		x	The Black-striped Snake is a burrowing snake that is restricted to the southwest coastal regions of WA, on sand plains along the Swan Coastal Plain, from Dongara south to Mandurah (Wilson and Swan 2017).	Likely - Suitable habitat for the Black-striped Snake is present within the survey area and there are a number of records of this species within the study area (DPaW and WAM 2013). It is likely to only occur in larger areas of contiguous native vegetation within the survey area.	Likely - Suitable habitat for the Black-striped Snake is present within the survey area and there are a number of records of this species within the study area (DPaW and WAM 2013). It is likely to only occur in larger areas of contiguous native vegetation within the survey area.
<i>Pseudonaja affinis</i> subsp.			P4		x	This subspecies of Dugite occurs only of Rottnest Island.	Highly unlikely - This subspecies of	Highly unlikely - This subspecies of

Species name	Status			Source		Habitat Requirements	Likelihood of occurrence Survey area	Likelihood of occurrence Extended Survey area
	EPBC Act	BC Act	DBCA	EPBC Act PMST	NM			
<i>exillis</i> Rottnest Island Dugite							dugite is restricted to Rottnest Island.	dugite is restricted to Rottnest Island.
<i>Ctenotus gemmula</i> Jewelled southwest Ctenotus(Swan Coastal Plain population)			P3			Apparently disjunct populations occur on the lower west coastal plain, and south coast and adjacent interior of Western Australia. Known to occur on pale sands supporting heaths in association with banksia or mallee woodlands (Wilson and Swan 2017).	Likely - There is suitable habitat present for this species within the survey area. The closest known record is approximately 13 km south east of the survey area from Melaleuca Park.	Likely - There is suitable habitat present for this species within the survey area. The closest known record is approximately 13 km south east of the survey area from Melaleuca Park.

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