

NatureMap Species Report

Created By Tim McCabe on 12/11/2019

Kingdom Animalia
Current Names Only Yes
Core Datasets Only Yes
Species Group All Animals
Method 'By Circle'
Centre 116° 50' 15" E, 31° 37' 26" S
Buffer 20km
Group By Species Group

Species Group	Species	Records
Amphibian	7	36
Bird	173	32302
Fish	6	22
Invertebrate	101	219
Mammal	8	12
Reptile	33	127
TOTAL	328	32718

Name ID	Species Name	Naturalised	Conservation Code	Endemic To Query Area
Amphibian				
1.	25401 <i>Crinia pseudinsignifera</i> (Bleating Froglet)			
2.	25408 <i>Heleioporus albopunctatus</i> (Western Spotted Frog)			
3.	25410 <i>Heleioporus eyrei</i> (Moaning Frog)			
4.	25415 <i>Limnodynastes dorsalis</i> (Western Banjo Frog)			
5.	25388 <i>Litoria moorei</i> (Motorbike Frog)			
6.	25433 <i>Pseudophryne guentheri</i> (Crawling Toadlet)			
7.	25434 <i>Pseudophryne occidentalis</i> (Western Toadlet)			
Bird				
8.	24559 <i>Acanthagenys rufogularis</i> (Spiny-cheeked Honeyeater)			
9.	24260 <i>Acanthiza apicalis</i> (Broad-tailed Thornbill, Inland Thornbill)			
10.	24261 <i>Acanthiza chrysorrhoa</i> (Yellow-rumped Thornbill)			
11.	24262 <i>Acanthiza inornata</i> (Western Thornbill)			
12.	24265 <i>Acanthiza uropygialis</i> (Chestnut-rumped Thornbill)			
13.	25535 <i>Accipiter cirrocephalus</i> (Collared Sparrowhawk)			
14.	25536 <i>Accipiter fasciatus</i> (Brown Goshawk)			
15.	25755 <i>Acrocephalus australis</i> (Australian Reed Warbler)			
16.	41323 <i>Actitis hypoleucos</i> (Common Sandpiper)		IA	
17.	25544 <i>Aegotheles cristatus</i> (Australian Owlet-nightjar)			
18.	24310 <i>Anas castanea</i> (Chestnut Teal)			
19.	24312 <i>Anas gracilis</i> (Grey Teal)			
20.	24313 <i>Anas platyrhynchos</i> (Mallard)			
21.	<i>Anas platyrhynchos</i> subsp. <i>domesticus</i>			
22.	24315 <i>Anas rhynchotis</i> (Australasian Shoveler)			
23.	24316 <i>Anas superciliosa</i> (Pacific Black Duck)			
24.	47414 <i>Anhinga novaehollandiae</i> (Australasian Darter)			
25.	24561 <i>Anthochaera carunculata</i> (Red Wattlebird)			
26.	24562 <i>Anthochaera lunulata</i> (Western Little Wattlebird)			
27.	25554 <i>Apus pacificus</i> (Fork-tailed Swift, Pacific Swift)		IA	
28.	24285 <i>Aquila audax</i> (Wedge-tailed Eagle)			
29.	25559 <i>Ardea intermedia</i> (Intermediate Egret)			
30.	41324 <i>Ardea modesta</i> (great egret, white egret)			
31.	24341 <i>Ardea pacifica</i> (White-necked Heron)			
32.	24610 <i>Ardeotis australis</i> (Australian Bustard)			
33.	25566 <i>Artamus cinereus</i> (Black-faced Woodswallow)			
34.	24352 <i>Artamus cinereus</i> subsp. <i>melanops</i> (Black-faced Woodswallow)			
35.	24356 <i>Artamus personatus</i> (Masked Woodswallow)			
36.	24318 <i>Aythya australis</i> (Hardhead)			
37.	<i>Barnardius zonarius</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
38.	24319 <i>Biziura lobata</i> (Musk Duck)			
39.	24359 <i>Burhinus grallarius</i> (Bush Stone-curlew)			
40.	25714 <i>Cacatua pastinator</i> (Western Long-billed Corella)			
41.	25716 <i>Cacatua sanguinea</i> (Little Corella)			
42.	24729 <i>Cacatua tenuirostris</i> (Eastern Long-billed Corella)	Y		
43.	25598 <i>Cacomantis flabelliformis</i> (Fan-tailed Cuckoo)			
44.	42307 <i>Cacomantis pallidus</i> (Pallid Cuckoo)			
45.	24788 <i>Calidris ruficollis</i> (Red-necked Stint)		IA	
46.	25717 <i>Calyptorhynchus banksii</i> (Red-tailed Black-Cockatoo)			
47.	24733 <i>Calyptorhynchus baudinii</i> (Baudin's Cockatoo, White-tailed Long-billed Black Cockatoo)		T	
48.	24734 <i>Calyptorhynchus latirostris</i> (Carnaby's Cockatoo, White-tailed Short-billed Black Cockatoo)		T	
49.	24377 <i>Charadrius ruficapillus</i> (Red-capped Plover)			
50.	24321 <i>Chenonetta jubata</i> (Australian Wood Duck, Wood Duck)			
51.	47909 <i>Cheramoeca leucosterna</i> (White-backed Swallow)			
52.	<i>Chroicocephalus novaehollandiae</i>			
53.	24289 <i>Circus assimilis</i> (Spotted Harrier)			
54.	24774 <i>Cladorhynchus leucocephalus</i> (Banded Stilt)			
55.	25675 <i>Colluricincla harmonica</i> (Grey Shrike-thrush)			
56.	24399 <i>Columba livia</i> (Domestic Pigeon)	Y		
57.	25568 <i>Coracina novaehollandiae</i> (Black-faced Cuckoo-shrike)			
58.	24416 <i>Corvus bennetti</i> (Little Crow)			
59.	25592 <i>Corvus coronoides</i> (Australian Raven)			
60.	24671 <i>Coturnix pectoralis</i> (Stubble Quail)			
61.	24420 <i>Cracticus nigrogularis</i> (Pied Butcherbird)			
62.	25595 <i>Cracticus tibicen</i> (Australian Magpie)			
63.	24422 <i>Cracticus tibicen subsp. dorsalis</i> (White-backed Magpie)			
64.	25596 <i>Cracticus torquatus</i> (Grey Butcherbird)			
65.	24322 <i>Cygnus atratus</i> (Black Swan)			
66.	24323 <i>Cygnus olor</i> (Mute Swan)	Y		
67.	30901 <i>Dacelo novaeguineae</i> (Laughing Kookaburra)	Y		
68.	25673 <i>Daphoenositta chrysoptera</i> (Varied Sittella)			
69.	24324 <i>Dendrocygna arcuata</i> (Wandering Whistling Duck, Chestnut Whistling Duck)			
70.	25607 <i>Dicaeum hirundinaceum</i> (Mistletoebird)			
71.	24470 <i>Dromaius novaehollandiae</i> (Emu)			
72.	<i>Egretta garzetta</i>			
73.	<i>Egretta novaehollandiae</i>			
74.	<i>Elanus axillaris</i>			
75.	24290 <i>Elanus caeruleus subsp. axillaris</i> (Australian Black-shouldered Kite)			
76.	47937 <i>Euseyonis melanops</i> (Black-fronted Dotterel)			
77.	<i>Eolophus roseicapillus</i>			
78.	24567 <i>Epthianura albifrons</i> (White-fronted Chat)			
79.	24379 <i>Erythronys cinctus</i> (Red-kneed Dotterel)			
80.	24368 <i>Eurostopodus argus</i> (Spotted Nightjar)			
81.	25621 <i>Falco berigora</i> (Brown Falcon)			
82.	25622 <i>Falco cenchroides</i> (Australian Kestrel, Nankeen Kestrel)			
83.	25623 <i>Falco longipennis</i> (Australian Hobby)			
84.	25624 <i>Falco peregrinus</i> (Peregrine Falcon)		S	
85.	25727 <i>Fulica atra</i> (Eurasian Coot)			
86.	24761 <i>Fulica atra subsp. australis</i> (Eurasian Coot)			
87.	25729 <i>Gallinula tenebrosa</i> (Dusky Moorhen)			
88.	<i>Gallus gallus</i>			
89.	42314 <i>Gavicalis virescens</i> (Singing Honeyeater)			
90.	24401 <i>Geopelia cuneata</i> (Diamond Dove)			
91.	25530 <i>Gerygone fusca</i> (Western Gerygone)			
92.	24443 <i>Grallina cyanoleuca</i> (Magpie-lark)			
93.	24295 <i>Haliastur sphenurus</i> (Whistling Kite)			
94.	24296 <i>Hamirostra isura</i> (Square-tailed Kite)			
95.	47965 <i>Hieraaetus morphnoides</i> (Little Eagle)			
96.	25734 <i>Himantopus himantopus</i> (Black-winged Stilt)			
97.	24491 <i>Hirundo neoxena</i> (Welcome Swallow)			
98.	24367 <i>Lalage tricolor</i> (White-winged Triller)			
99.	24557 <i>Leipoa ocellata</i> (Malleefowl)		T	
100.	25659 <i>Lichenostomus leucotis</i> (White-eared Honeyeater)			
101.	25661 <i>Lichmera indistincta</i> (Brown Honeyeater)			
102.	24326 <i>Malacorhynchus membranaceus</i> (Pink-eared Duck)			
103.	25652 <i>Malurus leucopterus</i> (White-winged Fairy-wren)			
104.	24551 <i>Malurus pulcherrimus</i> (Blue-breasted Fairy-wren)			
105.	25654 <i>Malurus splendens</i> (Splendid Fairy-wren)			

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106.	24583 <i>Manorina flavigula</i> (Yellow-throated Miner)			
107.	25758 <i>Megalurus gramineus</i> (Little Grassbird)			
108.	25663 <i>Melithreptus brevirostris</i> (Brown-headed Honeyeater)			
109.	24736 <i>Melopsittacus undulatus</i> (Budgerigar)			
110.	24598 <i>Merops ornatus</i> (Rainbow Bee-eater)			
111.	<i>Microcarbo melanoleucos</i>			
112.	25693 <i>Microeca fascinans</i> (Jacky Winter)			
113.	25542 <i>Milvus migrans</i> (Black Kite)			
114.	25610 <i>Myiagra inquieta</i> (Restless Flycatcher)			
115.	24738 <i>Neophema elegans</i> (Elegant Parrot)			
116.	25564 <i>Nycticorax caledonicus</i> (Rufous Night Heron)			
117.	24742 <i>Nymphicus hollandicus</i> (Cockatiel)			
118.	24407 <i>Ocyphaps lophotes</i> (Crested Pigeon)			
119.	24328 <i>Oxyura australis</i> (Blue-billed Duck)		P4	
120.	25680 <i>Pachycephala rufiventris</i> (Rufous Whistler)			
121.	24624 <i>Pachycephala rufiventris</i> subsp. <i>rufiventris</i> (Rufous Whistler)			
122.	25681 <i>Pardalotus punctatus</i> (Spotted Pardalote)			
123.	24626 <i>Pardalotus punctatus</i> subsp. <i>xanthopyge</i> (Yellow-rumped Pardalote)			
124.	25682 <i>Pardalotus striatus</i> (Striated Pardalote)			
125.	24648 <i>Pelecanus conspicillatus</i> (Australian Pelican)			
126.	48060 <i>Petrochelidon ariel</i> (Fairy Martin)			
127.	48061 <i>Petrochelidon nigricans</i> (Tree Martin)			
128.	48066 <i>Petroica boodang</i> (Scarlet Robin)			
129.	24659 <i>Petroica goodenovii</i> (Red-capped Robin)			
130.	25697 <i>Phalacrocorax carbo</i> (Great Cormorant)			
131.	24667 <i>Phalacrocorax sulcirostris</i> (Little Black Cormorant)			
132.	25699 <i>Phalacrocorax varius</i> (Pied Cormorant)			
133.	24409 <i>Phaps chalcoptera</i> (Common Bronzewing)			
134.	25587 <i>Phaps elegans</i> (Brush Bronzewing)			
135.	48071 <i>Phylidonyris niger</i> (White-cheeked Honeyeater)			
136.	24596 <i>Phylidonyris novaehollandiae</i> (New Holland Honeyeater)			
137.	24841 <i>Platalea flavipes</i> (Yellow-billed Spoonbill)			
138.	24842 <i>Platalea regia</i> (Royal Spoonbill)			
139.	25720 <i>Platycercus icterotis</i> (Western Rosella)			
140.	24748 <i>Platycercus varius</i> (Mulga Parrot)			
141.	25721 <i>Platycercus zonarius</i> (Australian Ringneck, Ring-necked Parrot)			
142.	24751 <i>Platycercus zonarius</i> subsp. <i>zonarius</i> (Port Lincoln Parrot)			
143.	25703 <i>Podargus strigoides</i> (Tawny Frogmouth)			
144.	24681 <i>Poliiocephalus poliocephalus</i> (Hoary-headed Grebe)			
145.	25722 <i>Polytelis anthopeplus</i> (Regent Parrot)			
146.	24683 <i>Pomatostomus superciliosus</i> (White-browed Babbler)			
147.	34013 <i>Pomatostomus superciliosus</i> subsp. <i>ashbyi</i> (White-browed Babbler (western wheatbelt))			
148.	25731 <i>Porphyrio porphyrio</i> (Purple Swamphen)			
149.	24769 <i>Porzana fluminea</i> (Australian Spotted Crane)			
150.	25732 <i>Porzana pusilla</i> (Baillon's Crane)			
151.	24771 <i>Porzana tabuensis</i> (Spotless Crane)			
152.	<i>Pterodroma macroptera</i> subsp. <i>macroptera</i>			
153.	42344 <i>Pumella albifrons</i> (White-fronted Honeyeater)			
154.	<i>Purpureicephalus spurius</i>			
155.	24776 <i>Recurvirostra novaehollandiae</i> (Red-necked Avocet)			
156.	48096 <i>Rhipidura albiscapa</i> (Grey Fantail)			
157.	25614 <i>Rhipidura leucophrys</i> (Willie Wagtail)			
158.	25534 <i>Sericornis frontalis</i> (White-browed Scrubwren)			
159.	30948 <i>Smicronis brevirostris</i> (Weebill)			
160.	24329 <i>Stictonetta naevosa</i> (Freckled Duck)			
161.	25597 <i>Strepera versicolor</i> (Grey Currawong)			
162.	25589 <i>Streptopelia chinensis</i> (Spotted Turtle-Dove)	Y		
163.	25590 <i>Streptopelia senegalensis</i> (Laughing Turtle-Dove)	Y		
164.	25705 <i>Tachybaptus novaehollandiae</i> (Australasian Grebe, Black-throated Grebe)			
165.	24682 <i>Tachybaptus novaehollandiae</i> subsp. <i>novaehollandiae</i> (Australasian Grebe, Black-throated Grebe)			
166.	24331 <i>Tadorna tadornoides</i> (Australian Shelduck, Mountain Duck)			
167.	30870 <i>Taeniopygia guttata</i> (Zebra Finch)			
168.	30871 <i>Taeniopygia guttata</i> subsp. <i>castanotis</i> (Zebra Finch)			
169.	24845 <i>Threskiornis spinicollis</i> (Straw-necked Ibis)			
170.	42351 <i>Todiramphus pyrrhopygius</i> (Red-backed Kingfisher)			
171.	25549 <i>Todiramphus sanctus</i> (Sacred Kingfisher)			
172.	48141 <i>Tribonyx ventralis</i> (Black-tailed Native-hen)			
173.	25723 <i>Trichoglossus haematodus</i> (Rainbow Lorikeet)			

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174.	24806 <i>Tringa glareola</i> (Wood Sandpiper)		IA	
175.	48147 <i>Turnix varius</i> (Painted Button-quail)			
176.	24851 <i>Turnix velox</i> (Little Button-quail)			
177.	24852 <i>Tyto alba</i> subsp. <i>delicatula</i> (Barn Owl)			
178.	24855 <i>Tyto novaehollandiae</i> subsp. <i>novaehollandiae</i> (Masked Owl (southwest))		P3	
179.	24386 <i>Vanellus tricolor</i> (Banded Lapwing)			
180.	25765 <i>Zosterops lateralis</i> (Grey-breasted White-eye, Silvereye)			

Fish

181.	<i>Bostockia porosa</i>			
182.	<i>Carassius auratus</i>			
183.	34028 <i>Galaxias occidentalis</i> (Western Minnow)			
184.	<i>Gambusia</i> sp.			
185.	<i>Leiopotherapon unicolor</i>			
186.	<i>Pseudogobius olorum</i>			

Invertebrate

187.	<i>Acariformes</i> sp.			
188.	<i>Agraptocorixa eurynome</i>			
189.	<i>Agraptocorixa</i> sp.			
190.	<i>Alboa worooa</i>			
191.	<i>Aname mainae</i>			
192.	<i>Anax papuensis</i>			
193.	<i>Anisops baylii</i>			
194.	<i>Anopheles annulipes</i> s.l.			
195.	<i>Argiope trifasciata</i>			
196.	<i>Austrochiltonia subtenuis</i>			
197.	<i>Austrolestes annulosus</i>			
198.	<i>Austrolestes io</i>			
199.	<i>Berosus dallasae</i>			
200.	<i>Berosus</i> sp.			
201.	<i>Boeckella triarticulata</i>			
202.	<i>Brachionus plicatilis</i> s.l.			
203.	<i>Candonocypris novaeseelandiae</i>			
204.	<i>Ceinidae</i> sp.			
205.	<i>Ceratopogonidae</i> sp.			
206.	33939 <i>Cherax cainii</i> (Marron)			
207.	<i>Cherax destructor</i>			
208.	<i>Cherax quinquecarinatus</i>			
209.	<i>Chironominae</i> sp.			
210.	<i>Chironomus</i> aff. <i>alternans</i> (V24) (CB)			
211.	<i>Chironomus occidentalis</i>			
212.	<i>Cladopelma curtivalva</i>			
213.	<i>Cladotanytarsus</i> sp.			
214.	<i>Cladotanytarsus</i> sp. A (SAP)			
215.	<i>Cletocamptus dietersi</i>			
216.	<i>Coenagrionidae</i> sp.			
217.	<i>Corduliidae</i> sp.			
218.	<i>Corixidae</i> sp.			
219.	<i>Culicidae</i> sp.			
220.	<i>Culicoides</i> sp.			
221.	<i>Daphnia carinata</i>			
222.	<i>Dasyhelea</i> sp.			
223.	<i>Dytiscidae</i> sp.			
224.	<i>Ephydriidae</i> sp.			
225.	<i>Eucypris virens</i>			
226.	<i>Fluviolanatus subtorta</i>			
227.	<i>Hemicordulia tau</i>			
228.	<i>Hydraenidae</i> sp.			
229.	<i>Hydrobiidae</i> sp.			
230.	<i>Hydrophilidae</i> sp.			
231.	33917 <i>Idiosoma nigrum</i> (Shield-backed Trapdoor Spider)		T	
232.	<i>Ilyocypris australiensis</i>			
233.	<i>Ischnura heterosticta heterosticta</i>			
234.	<i>Ischnura</i> sp.			
235.	<i>Lampona cylindrata</i>			
236.	<i>Lancetes lanceolatus</i>			
237.	<i>Latrodectus hasseltii</i>			
238.	<i>Leptoceridae</i> sp.			
239.	<i>Lestidae</i> sp.			
240.	<i>Limbodessus inornatus</i>			

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241.	<i>Lycosa dimota</i>			
242.	<i>Megaporus</i> sp.			
243.	<i>Mesocyclops brooksi</i>			
244.	<i>Micronecta robusta</i>			
245.	<i>Missulena granulosa</i>			
246.	<i>Missulena occatoria</i>			
247.	<i>Mytilocypris mytiloides</i>			
248.	<i>Naididae</i> (ex <i>Tubificidae</i>)			
249.	<i>Necterosoma penicillatus</i>			
250.	<i>Necterosoma regulare</i>			
251.	<i>Necterosoma</i> sp.			
252.	<i>Nematoda</i> sp.			
253.	<i>Nephila edulis</i>			
254.	<i>Notalina spira</i>			
255.	<i>Notonectidae</i> sp.			
256.	<i>Ochthebius</i> sp.			
257.	<i>Oecetis</i> sp.			
258.	<i>Oligochaeta</i> sp.			
259.	<i>Onychocampptus bengalensis</i>			
260.	<i>Opisthopora</i> sp.			
261.	<i>Orthoclaadiinae</i> sp. G (SAP)			
262.	<i>Palaeomonetes australis</i>			
263.	<i>Paranais litoralis</i>			
264.	<i>Pezidae</i> sp.			
265.	<i>Plesiocypridopsis</i> sp.			
266.	<i>Pomatiopsidae</i> sp.			
267.	<i>Procladius paludicola</i>			
268.	<i>Pyralidae</i> sp.			
269.	<i>Pyralidae</i> sp. 40 of JHH (PSW)			
270.	<i>Sarscypridopsis aculeata</i>			
271.	<i>Sternopriscus multimaculatus</i>			
272.	<i>Sternopriscus</i> sp.			
273.	<i>Storena formosa</i>			
274.	<i>Stratiomyidae</i> sp.			
275.	<i>Sulcanus conflictus</i>			
276.	<i>Synsphyronus callus</i>			
277.	<i>Tanypodinae</i> sp.			
278.	<i>Tanytarsus fuscithorax/semibarbitarsus</i>			
279.	<i>Tasmanicosa leuckartii</i>			
280.	<i>Thereuopoda lesueurii</i>			
281.	<i>Thiaridae</i> sp.			
282.	<i>Triplectides australis</i>			
283.	<i>Urodacus novaehollandiae</i>			
284.	<i>Urodacus planimanus</i>			
285.	<i>Venator immansueta</i>			
286.	<i>Venatrix pullastra</i>			
287.	<i>Xanthagrion erythroneurum</i>			

Mammal

288.	24086	<i>Cercartetus concinnus</i> (Western Pygmy-possum, Mundarda)		
289.	24186	<i>Chalinolobus gouldii</i> (Gould's Wattled Bat)		
290.	24187	<i>Chalinolobus morio</i> (Chocolate Wattled Bat)		
291.	24092	<i>Dasyurus geoffroi</i> (Chuditch, Western Quoll)		T
292.	24168	<i>Macrotis lagotis</i> (Bilby, Dalgyte, Ninu)		T
293.	24173	<i>Pteropus scapulatus</i> (Little Red Flying-fox)		
294.	24108	<i>Sminthopsis crassicaudata</i> (Fat-tailed Dunnart)		
295.	24158	<i>Trichosurus vulpecula</i> subsp. <i>vulpecula</i> (Common Brushtail Possum)		

Reptile

296.	25241	<i>Antaresia stimsoni</i> subsp. <i>stimsoni</i> (Stimson's Python)		
297.	24991	<i>Aprasia repens</i> (Sand-plain Worm-lizard)		
298.	25236	<i>Aspidites ramsayi</i> (Woma)		
299.	24980	<i>Christinus marmoratus</i> (Marbled Gecko)		
300.	24918	<i>Crenadactylus ocellatus</i> subsp. <i>ocellatus</i> (Clawless Gecko)		
301.	30893	<i>Cryptoblepharus buchananii</i>		
302.	24883	<i>Ctenophorus ornatus</i> (Ornate Crevice-Dragon)		
303.	24886	<i>Ctenophorus reticulatus</i> (Western Netted Dragon)		
304.	25039	<i>Ctenotus fallens</i>		
305.	25766	<i>Delma fraseri</i> (Fraser's Legless Lizard)		
306.	25296	<i>Demansia psammophis</i> subsp. <i>reticulata</i> (Yellow-faced Whipsnake)		
307.	24939	<i>Diplodactylus polyopthalmus</i>		

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
308.	24940 <i>Diplodactylus pulcher</i>			
309.	25109 <i>Eremiascincus richardsonii</i> (Broad-banded Sand Swimmer)			
310.	24959 <i>Gehyra variegata</i>			
311.	42408 <i>Hesperoedura reticulata</i>			
312.	25131 <i>Lerista distinguenda</i>			
313.	25005 <i>Lialis burtonis</i>			
314.	25184 <i>Menetia greyii</i>			
315.	25240 <i>Morelia spilota</i> subsp. <i>imbricata</i> (Carpet Python)			
316.	25192 <i>Morethia obscura</i>			
317.	25248 <i>Neelaps bimaculatus</i> (Black-naped Snake)			
318.	25253 <i>Parasuta gouldii</i>			
319.	24907 <i>Pogona minor</i> subsp. <i>minor</i> (Dwarf Bearded Dragon)			
320.	25261 <i>Pseudechis australis</i> (Mulga Snake)			
321.	25259 <i>Pseudonaja affinis</i> subsp. <i>affinis</i> (Dugite)			
322.	42416 <i>Pseudonaja mengdeni</i> (Western Brown Snake)			
323.	25263 <i>Pseudonaja modesta</i> (Ringed Brown Snake)			
324.	25203 <i>Tiliqua occipitalis</i> (Western Bluetongue)			
325.	25207 <i>Tiliqua rugosa</i> subsp. <i>rugosa</i>			
326.	24983 <i>Underwoodisaurus milii</i> (Barking Gecko)			
327.	25218 <i>Varanus gouldii</i> (Bungarra or Sand Monitor)			
328.	25526 <i>Varanus tristis</i> (Racehorse Monitor)			

Conservation Codes

T - Rare or likely to become extinct
 X - Presumed extinct
 IA - Protected under international agreement
 S - Other specially protected fauna
 1 - Priority 1
 2 - Priority 2
 3 - Priority 3
 4 - Priority 4
 5 - Priority 5

¹ For NatureMap's purposes, species flagged as endemic are those whose records are wholly contained within the search area. Note that only those records complying with the search criterion are included in the calculation. For example, if you limit records to those from a specific datasource, only records from that datasource are used to determine if a species is restricted to the query area.

NatureMap Species Report

Created By Guest user on 08/11/2019

Kingdom Plantae
Current Names Only Yes
Core Datasets Only Yes
Vouchered Status Vouchered
Species Group Vascular Plants
Method 'By Circle'
Centre 116° 49' 51" E, 31° 37' 11" S
Buffer 20km

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
1.	4889 <i>Abutilon cryptopetalum</i>			
2.	3200 <i>Acacia acuminata</i> (Jam, Mangard)			
3.	3220 <i>Acacia aphylla</i> (Leafless Rock Wattle)		T	
4.	15466 <i>Acacia appplanata</i>			
5.	3238 <i>Acacia bidentata</i>			
6.	3252 <i>Acacia campylophylla</i>		P3	
7.	3254 <i>Acacia celastrifolia</i> (Glowing Wattle)			
8.	3274 <i>Acacia crassistipula</i>			
9.	12672 <i>Acacia cupularis</i>			
10.	3324 <i>Acacia erinacea</i>			
11.	3408 <i>Acacia lasiocalyx</i> (Silver Wattle, Wilyurwur)			
12.	15721 <i>Acacia lasiocarpa</i> var. <i>sedifolia</i>			
13.	3412 <i>Acacia latipes</i>			
14.	15476 <i>Acacia latipes</i> subsp. <i>latipes</i>			
15.	3416 <i>Acacia leptopetala</i>			
16.	3418 <i>Acacia leptospermoides</i>			
17.	11448 <i>Acacia leptospermoides</i> subsp. <i>leptospermoides</i>			
18.	16978 <i>Acacia lirellata</i> subsp. <i>lirellata</i>		P3	
19.	3438 <i>Acacia meisneri</i>			
20.	3442 <i>Acacia microbotrya</i> (Manna Wattle, Kalyang)			
21.	3451 <i>Acacia multispicata</i>			
22.	45336 <i>Acacia neorigida</i>			
23.	15482 <i>Acacia pulchella</i> var. <i>goadbyi</i>			
24.	15483 <i>Acacia pulchella</i> var. <i>pulchella</i>			
25.	3527 <i>Acacia saligna</i> (Orange Wattle, Kudjong)			
26.	30033 <i>Acacia saligna</i> subsp. <i>lindleyi</i>			
27.	3541 <i>Acacia sessilis</i>			
28.	3552 <i>Acacia spinosissima</i>			
29.	3557 <i>Acacia stenoptera</i> (Narrow Winged Wattle)			
30.	3577 <i>Acacia tetragonophylla</i> (Kurara, Wakalpuka)			
31.	7817 <i>Actinobole uliginosum</i> (Flannel Cudweed)			
32.	23474 <i>Agrostocrinum hirsutum</i>			
33.	23501 <i>Agrostocrinum scabrum</i> subsp. <i>scabrum</i>			
34.	185 <i>Aira cupaniana</i> (Silvery Hairgrass)	Y		
35.	1721 <i>Allocasuarina campestris</i>			
36.	1731 <i>Allocasuarina huegeliana</i> (Rock Sheoak, Kwool)			
37.	4905 <i>Alyogyne hakeifolia</i>			
38.	2655 <i>Amaranthus albus</i> (Tumbleweed)	Y		
39.	13380 <i>Amphibromus nervosus</i>			
40.	6671 <i>Amsinckia calycina</i> (Yellow Burrweed)	Y		
41.	13267 <i>Amyema linophylla</i> subsp. <i>linophylla</i>			
42.	13266 <i>Amyema miraculosa</i> subsp. <i>miraculosa</i>			
43.	2383 <i>Amyema preissii</i> (Wireleaf Mistletoe)			
44.	11606 <i>Andersonia lehmanniana</i> subsp. <i>pubescens</i>			
45.	7831 <i>Angianthus micropodioides</i>		P3	
46.	7835 <i>Angianthus pygmaeus</i> (Pygmy Angianthus)			
47.	11357 <i>Anigozanthos bicolor</i> subsp. <i>exstans</i>		P3	
48.	11434 <i>Anigozanthos humilis</i> subsp. <i>humilis</i>			
49.	11725 <i>Anthocercis ilicifolia</i> subsp. <i>ilicifolia</i>			
50.	6952 <i>Anthotroche pannosa</i> (Felted Anthotroche)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
51.	7838 <i>Arctotheca calendula</i> (Cape Weed, African Marigold)	Y		
52.	210 <i>Aristida holathera</i>			
53.	12063 <i>Aristida holathera</i> var. <i>holathera</i>			
54.	1266 <i>Arthropodium dyeri</i>			
55.	8779 <i>Asparagus asparagoides</i> (Bridal Creeper)	Y		
56.	6336 <i>Astroloma serratifolium</i> (Kondrung)			
57.	11489 <i>Atriplex acutibractea</i> subsp. <i>karoniensis</i>			
58.	2450 <i>Atriplex amnicola</i> (Swamp Saltbush)			
59.	2457 <i>Atriplex exilifolia</i>			
60.	2461 <i>Atriplex hymenotheca</i>			
61.	2475 <i>Atriplex semibaccata</i> (Berry Saltbush)			
62.	2476 <i>Atriplex semilunaris</i> (Annual Saltbush)			
63.	2480 <i>Atriplex suberecta</i>			
64.	17237 <i>Austrostipa elegantissima</i>			
65.	17246 <i>Austrostipa nitida</i>			
66.	37421 <i>Austrostipa</i> sp. <i>Marchagee</i> (B.R. Maslin 1407)			
67.	17255 <i>Austrostipa trichophylla</i>			
68.	17257 <i>Austrostipa variabilis</i>			
69.	231 <i>Avellinia michelii</i>	Y		
70.	233 <i>Avena barbata</i> (Bearded Oat)	Y		
71.	32682 <i>Banksia armata</i> var. <i>armata</i>			
72.	1800 <i>Banksia attenuata</i> (Slender Banksia, Piara)			
73.	32580 <i>Banksia dallanneyi</i> subsp. <i>dallanneyi</i> var. <i>dallanneyi</i>			
74.	45193 <i>Banksia densa</i> var. <i>Wheatbelt</i> (M. Pieroni s.n. PERTH 04083407)			
75.	32523 <i>Banksia fraseri</i> var. <i>fraseri</i>			
76.	1830 <i>Banksia littoralis</i> (Swamp Banksia, Pungura)			
77.	32080 <i>Banksia sessilis</i> var. <i>sessilis</i>			
78.	32045 <i>Banksia squarrosa</i> subsp. <i>squarrosa</i>			
79.	741 <i>Baumea articulata</i> (Jointed Rush)			
80.	20026 <i>Blennospora doliformis</i>		P3	
81.	7856 <i>Blennospora drummondii</i>			
82.	7857 <i>Blennospora phlegmatocarpa</i>			
83.	2775 <i>Boerhavia schomburgkiana</i>			
84.	<i>Boerhavia</i> sp.			
85.	11274 <i>Boronia coerulescens</i> subsp. <i>spinescens</i>			
86.	4443 <i>Boronia subsessilis</i>			
87.	1269 <i>Borya laciniata</i>			
88.	1272 <i>Borya scirpoidea</i>			
89.	1273 <i>Borya sphaerocephala</i> (Pincushions)			
90.	3719 <i>Bossiaea spinscens</i>			
91.	10915 <i>Brachychiton populneus</i> (Kurrajong)	Y		
92.	8661 <i>Brachypodium distachyon</i> (False Brome)	Y		
93.	7871 <i>Brachyscome ciliaris</i>			
94.	7878 <i>Brachyscome iberidifolia</i>			
95.	2996 <i>Brassica nigra</i> (Black Mustard)	Y		
96.	2994 <i>Brassica x juncea</i> (Indian Mustard)	Y		
97.	244 <i>Briza maxima</i> (Blowfly Grass)	Y		
98.	245 <i>Briza minor</i> (Shivery Grass)	Y		
99.	249 <i>Bromus diandrus</i> (Great Brome)	Y		
100.	253 <i>Bromus rubens</i> (Red Brome)	Y		
101.	12770 <i>Burchardia congesta</i>			
102.	1276 <i>Caesia micrantha</i> (Pale Grass Lily)			
103.	1577 <i>Caladenia barbarossa</i> (Dragon Orchid)			
104.	11136 <i>Caladenia denticulata</i>			
105.	1587 <i>Caladenia douthiae</i>			
106.	1588 <i>Caladenia drummondii</i> (Winter Spider Orchid)			
107.	11106 <i>Caladenia filifera</i>			
108.	15348 <i>Caladenia flava</i> subsp. <i>flava</i>			
109.	1595 <i>Caladenia hirta</i> (Sugar Candy Orchid)			
110.	15354 <i>Caladenia hirta</i> subsp. <i>hirta</i>			
111.	15363 <i>Caladenia longicauda</i> subsp. <i>eminens</i>			
112.	15365 <i>Caladenia longicauda</i> subsp. <i>longicauda</i>			
113.	1603 <i>Caladenia longiclavata</i> (Clubbed Spider Orchid)			
114.	19279 <i>Caladenia pulchra</i>			
115.	15377 <i>Caladenia reptans</i> subsp. <i>reptans</i>			
116.	19871 <i>Caladenia x spectabilis</i>			
117.	2846 <i>Calandrinia calyptata</i> (Pink Purslane)			
118.	2853 <i>Calandrinia eremaea</i> (Twining Purslane)			
119.	2854 <i>Calandrinia granulifera</i> (Pygmy Purslane)			
120.	2855 <i>Calandrinia lehmannii</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
121.	5395 <i>Callistemon phoeniceus</i> (Lesser Bottlebrush, Dubarda)			
122.	36600 <i>Callitris pyramidalis</i> (Swamp Cypress)			
123.	35816 <i>Calothamnus quadrifidus</i> subsp. <i>quadrifidus</i>			
124.	5429 <i>Calothamnus sanguineus</i> (Silky-leaved Blood flower, Pindak)			
125.	5439 <i>Calytrix angulata</i> (Yellow Starflower)			
126.	13654 <i>Calytrix breviseta</i> subsp. <i>stipulosa</i>			
127.	5460 <i>Calytrix fraseri</i> (Pink Summer Calytrix)			
128.	5462 <i>Calytrix gracilis</i>			
129.	5465 <i>Calytrix leschenaultii</i>			
130.	5476 <i>Calytrix sapphirina</i>			
131.	5479 <i>Calytrix strigosa</i>			
132.	5481 <i>Calytrix sylvana</i>			
133.	3004 <i>Capsella bursa-pastoris</i> (Shepherd's Purse)	Y		
134.	7910 <i>Carduus tenuiflorus</i> (Slender Thistle, Winged Slender Thistle, Sheep Thistle)	Y		
135.	756 <i>Carex inversa</i> (Knob Sedge)			
136.	2795 <i>Carpobrotus edulis</i> (Hottentot Fig)	Y		
137.	3008 <i>Carrichtera annua</i> (Ward's Weed)	Y		
138.	7913 <i>Carthamus tinctorius</i> (Safflower)	Y		
139.	11351 <i>Cassynia aurea</i> var. <i>hirta</i>			
140.	2956 <i>Cassynia pomiformis</i> (Dodder Laurel)			
141.	760 <i>Caustis dioica</i>			
142.	259 <i>Cenchrus echinatus</i> (Burrgrass)	Y		
143.	7916 <i>Centaurea melitensis</i> (Maltese Cockspur, Malta Thistle)	Y		
144.	1130 <i>Centrolepis humillima</i> (Dwarf Centrolepis)			
145.	8788 <i>Chamaescilla versicolor</i>			
146.	35598 <i>Chamelaucium</i> sp. <i>Winchester</i> (C. Chapman s.n. PERTH 07879180)			
147.	35641 <i>Chamelaucium</i> sp. <i>Wongan Hills</i> (B.H. Smith 1140)		P3	
148.	12818 <i>Cheilanthes sieberi</i> subsp. <i>sieberi</i>			
149.	2494 <i>Chenopodium murale</i> (Nettle-leaf Goosefoot)	Y		
150.	271 <i>Chloris truncata</i> (Windmill Grass)			
151.	8847 <i>Choretrum chrysanthum</i>			
152.	13111 <i>Chorizema aciculare</i> subsp. <i>laxum</i>			
153.	4607 <i>Chrozophora tinctoria</i> (Turnsole)	Y		
154.	47155 <i>Chrysocephalum semipapposum</i> subsp. <i>occidentale</i>			
155.	7935 <i>Cichorium intybus</i> (Chicory)	Y		
156.	7369 <i>Citrullus colocynthis</i>	Y		
157.	4555 <i>Comesperma integerrimum</i>			
158.	4561 <i>Comesperma scoparium</i> (Broom Milkwort)			
159.	1871 <i>Conospermum ephedroides</i>			
160.	1876 <i>Conospermum incurvum</i> (Plume Smokebush)			
161.	15520 <i>Conospermum stoechadis</i> subsp. <i>sclerophyllum</i>			
162.	1427 <i>Conostylis candicans</i> (Grey Cottonhead)			
163.	11438 <i>Conostylis candicans</i> subsp. <i>candicans</i>			
164.	12035 <i>Conostylis caricina</i> subsp. <i>caricina</i>			
165.	1446 <i>Conostylis prolifera</i> (Mat Cottonheads)			
166.	1447 <i>Conostylis pusilla</i>			
167.	11597 <i>Conostylis setigera</i> subsp. <i>setigera</i>			
168.	7944 <i>Cotula bipinnata</i> (Ferny Cotula)	Y		
169.	7945 <i>Cotula coronopifolia</i> (Waterbuttons)	Y		
170.	3137 <i>Crassula colorata</i> (Dense Stonecrop)			
171.	11709 <i>Crassula colorata</i> var. <i>acuminata</i>			
172.	3138 <i>Crassula decumbens</i> (Rufous Stonecrop)			
173.	11349 <i>Crassula decumbens</i> var. <i>decumbens</i>			
174.	3139 <i>Crassula exserta</i>			
175.	20271 <i>Crassula extrorsa</i>			
176.	31571 <i>Cryptandra intermedia</i>			
177.	4809 <i>Cryptandra pungens</i>			
178.	15114 <i>Cyanicula gemmata</i>			
179.	283 <i>Cynodon dactylon</i> (Couch)	Y		
180.	792 <i>Cyperus eragrostis</i> (Umbrella Sedge)	Y		
181.	794 <i>Cyperus gymnocaulos</i> (Spiny Flat-sedge)			
182.	818 <i>Cyperus vaginatus</i> (Stiffleaf Sedge)			
183.	7451 <i>Dampiera lavandulacea</i>			
184.	35618 <i>Darwinia</i> sp. <i>Karonie</i> (K. Newbey 8503)			
185.	10823 <i>Datura innoxia</i>	Y		
186.	6965 <i>Datura wrightii</i> (Hairy Thornapple)	Y		
187.	12326 <i>Daviesia hakeoides</i> subsp. <i>subnuda</i>			
188.	3821 <i>Daviesia microphylla</i>			
189.	16584 <i>Daviesia nudiflora</i> subsp. <i>drummondii</i>		P3	
190.	1259 <i>Dianella revoluta</i> (Blueberry Lily)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
191.	11313 <i>Dianella revoluta</i> var. <i>revoluta</i>			
192.	1287 <i>Dichopogon capillipes</i>			
193.	29279 <i>Dicrastylis globiflora</i>			
194.	6773 <i>Dicrastylis reticulata</i>		P3	
195.	2498 <i>Didymanthus roei</i>			
196.	1509 <i>Dioscorea hastifolia</i> (Warrine, Warrarn)			
197.	323 <i>Diplachne fusca</i> (Brown Beetle Grass)			
198.	11049 <i>Diuris corymbosa</i>			
199.	15436 <i>Diuris porrifolia</i>			
200.	4755 <i>Dodonaea bursariifolia</i>			
201.	4757 <i>Dodonaea ceratocarpa</i>			
202.	4766 <i>Dodonaea inaequifolia</i>			
203.	4768 <i>Dodonaea larreoides</i>			
204.	4775 <i>Dodonaea pinifolia</i>			
205.	48681 <i>Drosera albonotata</i>		P2	
206.	3106 <i>Drosera macrantha</i> (Bridal Rainbow)			
207.	3107 <i>Drosera macrophylla</i> (Showy Sundew)			
208.	48764 <i>Drosera monantha</i>			
209.	49090 <i>Drosera</i> sp. <i>Branched styles</i> (S.C. Coffey 193)			
210.	13185 <i>Drosera pilos</i>			
211.	3133 <i>Drosera subhirtella</i> (Sunny Rainbow)			
212.	3135 <i>Drosera zonaria</i> (Painted Sundew)			
213.	33480 <i>Dysphania pumilio</i> (Clammy Goosefoot)			
214.	6681 <i>Echium plantagineum</i> (Paterson's Curse)	Y		
215.	349 <i>Ehrharta longiflora</i> (Annual Veldt Grass)	Y		
216.	2510 <i>Enchylaena lanata</i>			
217.	361 <i>Enneapogon nigricans</i> (Black-head nineawn)			
218.	374 <i>Eragrostis cilianensis</i> (Stinkgrass)	Y		
219.	376 <i>Eragrostis curvula</i> (African Lovegrass)	Y		
220.	378 <i>Eragrostis dielsii</i> (Mallee Lovegrass)			
221.	17612 <i>Eragrostis mexicana</i>	Y		Y
222.	13819 <i>Eremaea blackwelliana</i>		P4	
223.	14104 <i>Eremaea pauciflora</i> var. <i>pauciflora</i>			
224.	14895 <i>Eremophila decipiens</i> subsp. <i>decipiens</i>			
225.	45244 <i>Ericomyrtus serpyllifolia</i>			
226.	4332 <i>Erodium botrys</i> (Long Storksbill)	Y		
227.	4335 <i>Erodium cygnorum</i> (Blue Heronsbill)			
228.	4336 <i>Erodium moschatum</i> (Musky Crowfoot)	Y		
229.	14377 <i>Erymophyllum ramosum</i> subsp. <i>ramosum</i>			
230.	12740 <i>Erymophyllum tenellum</i>			
231.	5545 <i>Eucalyptus accedens</i> (Powderbark Wandoo)			
232.	12895 <i>Eucalyptus arachnaea</i> subsp. <i>arachnaea</i>			
233.	5673 <i>Eucalyptus horistes</i>			
234.	11295 <i>Eucalyptus loxophleba</i> subsp. <i>loxophleba</i> (York Gum)			
235.	13530 <i>Eucalyptus macrocarpa</i> subsp. <i>macrocarpa</i> (Mottlecah)			
236.	12866 <i>Eucalyptus pluricaulis</i> subsp. <i>pluricaulis</i>			
237.	5763 <i>Eucalyptus rudis</i> (Flooded Gum, Kulurda)			
238.	5766 <i>Eucalyptus salmonophloia</i> (Salmon Gum, Wurak)			
239.	46477 <i>Eucalyptus sargentii</i> subsp. <i>onesis</i>		P3	
240.	12906 <i>Eucalyptus wandoo</i> subsp. <i>wandoo</i>			
241.	8850 <i>Fallopia convolvulus</i>	Y		
242.	5192 <i>Frankenia conferta</i> (Silky Frankenia)		T	
243.	5202 <i>Frankenia glomerata</i> (Cluster Head Frankenia)		P4	
244.	5209 <i>Frankenia pauciflora</i> (Seaheath)			
245.	12831 <i>Frankenia pulverulenta</i>	Y		
246.	2969 <i>Fumaria capreolata</i> (Whiteflower Fumitory)	Y		
247.	31532 <i>Fumaria muralis</i> subsp. <i>muralis</i>	Y		
248.	3895 <i>Gastrolobium calycinum</i> (York Road Poison)			
249.	3904 <i>Gastrolobium hamulosum</i> (Hookpoint Poison)		T	
250.	3906 <i>Gastrolobium ilicifolium</i>			
251.	3910 <i>Gastrolobium obovatum</i> (Boat-leaved Poison)			
252.	3922 <i>Gastrolobium rotundifolium</i> (Gilbermine Poison)		P3	
253.	3923 <i>Gastrolobium spathulatum</i> (Poison Bush)			
254.	3924 <i>Gastrolobium spinosum</i> (Prickly Poison)			
255.	3930 <i>Gastrolobium trilobum</i> (Bullock Poison)			
256.	12780 <i>Gilberta tenuifolia</i>			
257.	6143 <i>Gilchrocaryon aureum</i> (Common Popflower)			
258.	3938 <i>Glycine canescens</i> (Silky Glycine)			
259.	12624 <i>Gnephosis angianthoides</i>			
260.	7991 <i>Gnephosis drummondii</i>			

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261.	8002 <i>Gnephosis tenuissima</i>			
262.	8003 <i>Gnephosis tridens</i>			
263.	8005 <i>Gnephosis uniflora</i>			
264.	3951 <i>Gompholobium marginatum</i>			
265.	3956 <i>Gompholobium shuttleworthii</i>			
266.	7495 <i>Goodenia berardiana</i>			
267.	12516 <i>Goodenia convexa</i>			
268.	12522 <i>Goodenia glareicola</i>			
269.	12523 <i>Goodenia helmsii</i>			
270.	8006 <i>Gorteria personata</i> (<i>Gorteria</i>)	Y		
271.	15763 <i>Grevillea biformis</i> subsp. <i>biformis</i>			
272.	8832 <i>Grevillea excelsior</i> (<i>Flame Grevillea</i>)			
273.	19435 <i>Grevillea hookeriana</i> subsp. <i>hookeriana</i>			
274.	2018 <i>Grevillea huegelii</i>			
275.	15974 <i>Grevillea incurva</i>			
276.	13450 <i>Grevillea manglesii</i> subsp. <i>manglesii</i>			
277.	2056 <i>Grevillea paniculata</i>			
278.	2085 <i>Grevillea roycei</i>		P3	
279.	2116 <i>Grevillea uncinulata</i> (<i>Hook-leaf Grevillea</i>)			
280.	12824 <i>Grevillea vestita</i> subsp. <i>vestita</i>			
281.	2122 <i>Grevillea wilsonii</i> (<i>Native Fuchsia</i>)			
282.	17416 <i>Guichenotia angustifolia</i>			
283.	5014 <i>Guichenotia sarotes</i>			
284.	2804 <i>Gunnopsis glabra</i>			
285.	48613 <i>Gypsophila vaccaria</i>	Y		
286.	1465 <i>Haemodorum discolor</i>			
287.	1473 <i>Haemodorum simulans</i>			
288.	2140 <i>Hakea circumalata</i>			
289.	2158 <i>Hakea erinacea</i> (<i>Hedge-hog Hakea</i>)			
290.	2166 <i>Hakea incrassata</i> (<i>Marble Hakea</i>)			
291.	2175 <i>Hakea lissocarpha</i> (<i>Honey Bush</i>)			
292.	2195 <i>Hakea platysperma</i> (<i>Cricket Ball Hakea</i>)			
293.	2196 <i>Hakea preissii</i> (<i>Needle Tree, Dandjin</i>)			
294.	19131 <i>Hakea scoparia</i> subsp. <i>scoparia</i>			
295.	2205 <i>Hakea smilacifolia</i>			
296.	2214 <i>Hakea trifurcata</i> (<i>Two-leaf Hakea</i>)			
297.	29716 <i>Halgania</i> sp. <i>Wongan Hills</i> (K.F. Kenneally 2393)			
298.	8024 <i>Helichrysum leucopsidium</i>			
299.	6707 <i>Heliotropium curassavicum</i> (<i>Smooth Heliotrope</i>)			
300.	6839 <i>Hemiantra pungens</i> (<i>Snakebush</i>)			
301.	6856 <i>Hemigenia incana</i> (<i>Silky Hemigenia</i>)			
302.	6871 <i>Hemigenia sericea</i> (<i>Silky Hemigenia</i>)			
303.	5108 <i>Hibbertia acerosa</i> (<i>Needle Leaved Guinea Flower</i>)			
304.	5112 <i>Hibbertia aurea</i>			
305.	19682 <i>Hibbertia avonensis</i>			
306.	5124 <i>Hibbertia exasperata</i>			
307.	5166 <i>Hibbertia rupicola</i>			
308.	48381 <i>Hibbertia striata</i>			
309.	17742 <i>Hopkinsia anoetocolea</i>		P3	
310.	3966 <i>Hovea pungens</i> (<i>Devil's Pins, Puyenak</i>)			
311.	8085 <i>Hyalochlamys globifera</i>			
312.	12741 <i>Hyalosperma cotula</i>			
313.	12742 <i>Hyalosperma demissum</i>			
314.	15447 <i>Hyalosperma glutinosum</i> subsp. <i>glutinosum</i>			
315.	6236 <i>Hydrocotyle pilifera</i>			
316.	452 <i>Hyparrhenia hirta</i> (<i>Tambookie Grass</i>)	Y		
317.	5817 <i>Hypocalymma angustifolium</i> (<i>White Myrtle, Kudjid</i>)			
318.	8086 <i>Hypochaeris glabra</i> (<i>Smooth Catsear</i>)	Y		
319.	1070 <i>Hypolaena exsulca</i>			
320.	20200 <i>Isolepis cernua</i> var. <i>setiformis</i>			
321.	914 <i>Isolepis hookeriana</i> (<i>Bristle Club Rush</i>)			
322.	917 <i>Isolepis marginata</i> (<i>Coarse Club-rush</i>)			
323.	2227 <i>Isopogon divergens</i> (<i>Spreading Coneflower</i>)			
324.	19700 <i>Isotropis cuneifolia</i> subsp. <i>cuneifolia</i>			
325.	3993 <i>Isotropis drummondii</i> (<i>Lamb Poison</i>)			
326.	4005 <i>Jacksonia condensata</i>			
327.	4025 <i>Jacksonia restioides</i>			
328.	4029 <i>Jacksonia sternbergiana</i> (<i>Stinkwood, Kapur</i>)			
329.	20454 <i>Juncus acutus</i> subsp. <i>acutus</i>	Y		
330.	1178 <i>Juncus bufonius</i> (<i>Toad Rush</i>)	Y		

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
331.	20668 <i>Juncus hybridus</i>	Y		
332.	11922 <i>Juncus kraussii</i> subsp. <i>australiensis</i>			
333.	1189 <i>Juncus pauciflorus</i> (Loose Flower Rush)			
334.	4044 <i>Kennedia prostrata</i> (Scarlet Runner)			
335.	17505 <i>Kunzea praestans</i>			
336.	5839 <i>Kunzea preissiana</i>			
337.	5840 <i>Kunzea pulchella</i> (Granite Kunzea, Silky Kunzea)			
338.	20019 <i>Lachnagrostis filiformis</i>			
339.	13284 <i>Lawrencella rosea</i>			
340.	1303 <i>Laxmannia grandiflora</i>			
341.	11815 <i>Laxmannia grandiflora</i> subsp. <i>grandiflora</i>			
342.	11464 <i>Laxmannia sessiliflora</i> subsp. <i>australis</i>			
343.	1309 <i>Laxmannia squarrosa</i>			
344.	7568 <i>Lechenaultia biloba</i> (Blue Leschenaultia)			
345.	7574 <i>Lechenaultia floribunda</i> (Free-flowering Leschenaultia)			
346.	19111 <i>Lechenaultia formosa</i> subsp. <i>Wheatbelt</i> (R.J. Cranfield 4718)			
347.	7579 <i>Lechenaultia laricina</i> (Scarlet Leschenaultia)		T	
348.	941 <i>Lepidosperma resinosum</i>			
349.	947 <i>Lepidosperma tenue</i>			
350.	5847 <i>Leptospermum erubescens</i> (Roadside Teatree)			
351.	6369 <i>Leucopogon cinereus</i>			
352.	7675 <i>Levenhookia pulcherrima</i> (Beautiful Stylewort)		P2	
353.	6489 <i>Limonium sinuatum</i> (Perennial Sea Lavender)	Y		
354.	7075 <i>Linaria maroccana</i>	Y		
355.	478 <i>Lolium rigidum</i> (Wimmera Ryegrass)	Y		
356.	1224 <i>Lomandra collina</i> (Pale Mat Rush)			
357.	14542 <i>Lomandra micrantha</i> subsp. <i>micrantha</i>			
358.	1246 <i>Lomandra suaveolens</i>			
359.	4065 <i>Lupinus angustifolius</i> (Narrowleaf Lupin)	Y		
360.	6968 <i>Lycium ferocissimum</i> (African Boxthorn)	Y		
361.	2396 <i>Lysiana casuarinae</i>			
362.	36375 <i>Lysimachia arvensis</i> (Pimpernel)	Y		
363.	34736 <i>Lysinema pentapetalum</i>			
364.	2537 <i>Maireana brevifolia</i> (Small Leaf Bluebush)			
365.	2550 <i>Maireana marginata</i>			
366.	19421 <i>Marianthus bicolor</i> (Painted Marianthus)			
367.	4079 <i>Medicago polymorpha</i> (Burr Medic)	Y		
368.	20284 <i>Melaleuca atroviridis</i>			
369.	5881 <i>Melaleuca brevifolia</i>			
370.	17982 <i>Melaleuca carrii</i>			
371.	19486 <i>Melaleuca hamata</i>			
372.	5931 <i>Melaleuca leptospermoides</i>			
373.	41120 <i>Melaleuca marginata</i>			
374.	5956 <i>Melaleuca pungens</i>			
375.	5958 <i>Melaleuca radula</i> (Graceful Honeymyrtle)			
376.	5959 <i>Melaleuca raphiophylla</i> (Swamp Paperbark)			
377.	5963 <i>Melaleuca sclerophylla</i>		P3	
378.	19449 <i>Melaleuca stereophloia</i>			
379.	5981 <i>Melaleuca thyoides</i>			
380.	5983 <i>Melaleuca trichophylla</i>			
381.	18232 <i>Melaleuca tuberculata</i> var. <i>tuberculata</i>			
382.	5987 <i>Melaleuca viminea</i> (Mohan)			
383.	13280 <i>Melaleuca viminea</i> subsp. <i>viminea</i>			
384.	20287 <i>Melaleuca zeteticorum</i>			
385.	14985 <i>Melinis repens</i>	Y		
386.	954 <i>Mesomelaena preissii</i>			
387.	4090 <i>Mirbelia dilatata</i> (Holly-leaved Mirbelia)			
388.	4100 <i>Mirbelia spinosa</i>			
389.	490 <i>Monachather paradoxus</i>			
390.	29418 <i>Monoculus monstrosus</i>	Y		
391.	37440 <i>Monopsis debilis</i> var. <i>depressa</i>	Y		
392.	19584 <i>Monotaxis bracteata</i>			
393.	19179 <i>Moraea flaccida</i> (One-leaf Cape Tulip)	Y		
394.	1535 <i>Moraea fugax</i>	Y		
395.	19180 <i>Moraea miniata</i> (Two-leaf Cape Tulip)	Y		
396.	19177 <i>Moraea setifolia</i>	Y		
397.	2412 <i>Muehlenbeckia adpressa</i> (Climbing Lignum)			
398.	44496 <i>Narcissus tazetta</i> subsp. <i>italicus</i>	Y		
399.	44495 <i>Narcissus tazetta</i> subsp. <i>tazetta</i>	Y		
400.	492 <i>Neurachne alopecuroidea</i> (Foxtail Mulga Grass)			

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401.	6974 <i>Nicotiana glauca</i> (Tree Tobacco)	Y		
402.	6978 <i>Nicotiana rotundifolia</i> (Round-leaved Tobacco)			
403.	6141 <i>Oenothera speciosa</i> (White Evening Primrose)	Y		
404.	32716 <i>Olearia lehmanniana</i>			
405.	8140 <i>Olearia muelleri</i> (Goldfields Daisy)			
406.	8141 <i>Olearia muricata</i> (Rough-leaved Daisy Bush)			
407.	8149 <i>Olearia rudis</i> (Rough Daisybush)			
408.	20660 <i>Oncosiphon piluliferum</i> (Globe Chamomile)	Y		
409.	18255 <i>Opercularia vaginata</i> (Dog Weed)			
410.	7122 <i>Orobancha minor</i> (Lesser Broomrape)	Y		
411.	4351 <i>Oxalis flava</i> (Pinkbulb Soursob)	Y		
412.	4352 <i>Oxalis glabra</i>	Y		
413.	4358 <i>Oxalis purpurea</i> (Largeflower Wood Sorrel)	Y		
414.	41961 <i>Panicum hillmanii</i>	Y		
415.	2965 <i>Papaver rhoeas</i> (Field Poppy)	Y		
416.	516 <i>Parapholis incurva</i> (Coast Bargrass)	Y		
417.	7089 <i>Parentucellia latifolia</i> (Common Bartsia)	Y		
418.	519 <i>Paspalidium constrictum</i> (Knottybutt Grass)			
419.	533 <i>Paspalum vaginatum</i> (Salt Water Couch)			
420.	1546 <i>Patersonia juncea</i> (Rush Leaved Patersonia)			
421.	43764 <i>Pauridia glabella</i> var. <i>leptantha</i>			
422.	40423 <i>Pentameris airoides</i> (False Hairgrass)	Y		
423.	40424 <i>Pentameris airoides</i> subsp. <i>airoides</i>	Y		
424.	6006 <i>Pericalymma ellipticum</i> (Swamp Teatree)			
425.	2270 <i>Persoonia quinquenervis</i>			
426.	2294 <i>Petrophile drummondii</i>			
427.	14442 <i>Petrophile ericifolia</i> subsp. <i>subpubescens</i>			
428.	2308 <i>Petrophile seminuda</i>			
429.	2309 <i>Petrophile serruriae</i>			
430.	20053 <i>Petrophile squamata</i> subsp. <i>northern</i> (J. Monks 40)			
431.	19825 <i>Petrorhagia dubia</i>	Y		
432.	552 <i>Phalaris paradoxa</i> (Paradoxa Grass)	Y		
433.	20460 <i>Pheladenia deformis</i>			
434.	13557 <i>Phyla canescens</i>	Y		
435.	16824 <i>Phyllangium sulcatum</i>			
436.	4675 <i>Phyllanthus calycinus</i> (False Boronia)			
437.	13405 <i>Phyllopodium cordatum</i>	Y		
438.	20219 <i>Pileanthus peduncularis</i> subsp. <i>peduncularis</i>			
439.	5232 <i>Pimelea argentea</i> (Silvery Leaved Pimelea)			
440.	11227 <i>Pimelea brevifolia</i> subsp. <i>modesta</i>			
441.	<i>Pisum sativum</i>			
442.	11785 <i>Plantago coronopus</i> subsp. <i>commutata</i>	Y		
443.	6247 <i>Platysace cirrosa</i> (Karna)			
444.	579 <i>Poa pratensis</i> (Kentucky Bluegrass)	Y		
445.	45237 <i>Podolepis aristata</i> subsp. <i>aristata</i>			
446.	8173 <i>Podolepis capillaris</i> (Wiry Podolepis)			
447.	8177 <i>Podolepis lessonii</i>			
448.	8188 <i>Pogonolepis stricta</i>			
449.	17275 <i>Polygonum bellardii</i>	Y		
450.	582 <i>Polypogon monspeliensis</i> (Annual Beardgrass)	Y		
451.	4725 <i>Psammodroma choretroides</i>			
452.	13255 <i>Pterochaeta paniculata</i>			
453.	1693 <i>Pterostylis recurva</i> (Jug Orchid)			
454.	1696 <i>Pterostylis sargentii</i> (Frog Greenhood)			
455.	2716 <i>Ptilotus declinatus</i> (Curved Mulla Mulla)			
456.	2717 <i>Ptilotus divaricatus</i> (Climbing Mulla Mulla)			
457.	2718 <i>Ptilotus drummondii</i> (Narrowleaf Mulla Mulla)			
458.	2733 <i>Ptilotus humilis</i>			
459.	2742 <i>Ptilotus manglesii</i> (Pom Poms, Mulamula)			
460.	2751 <i>Ptilotus polystachyus</i> (Prince of Wales Feather)			
461.	591 <i>Puccinellia ciliata</i> (Puccinellia)	Y		
462.	8195 <i>Quinetia urvillei</i>			
463.	11927 <i>Ranunculus sessiliflorus</i> var. <i>sessiliflorus</i>			
464.	3061 <i>Raphanus raphanistrum</i> (Wild Radish)	Y		
465.	2581 <i>Rhagodia drummondii</i>			
466.	2584 <i>Rhagodia preissii</i>			
467.	13300 <i>Rhodanthe citrina</i>			
468.	13234 <i>Rhodanthe manglesii</i>			
469.	13252 <i>Rhodanthe pygmaea</i>			
470.	13309 <i>Rhodanthe spicata</i>			

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471.	14924 <i>Romulea rosea</i> var. <i>communis</i>	Y		
472.	2588 <i>Roycea pycnophylloides</i> (Saltmat)		T	
473.	2589 <i>Roycea spinescens</i>			
474.	46434 <i>Rumex hypogaeus</i>	Y		
475.	20171 <i>Rumex pulcher</i> subsp. <i>woodsii</i>	Y		
476.	116 <i>Ruppia polycarpa</i>			
477.	40425 <i>Rytidosperma caespitosum</i>			
478.	2906 <i>Sagina apetala</i> (Annual Pearlwort)	Y		
479.	48433 <i>Salicornia blackiana</i>			
480.	48432 <i>Salicornia globosa</i>		P3	
481.	2356 <i>Santalum acuminatum</i> (Quandong, Warrga)			
482.	41660 <i>Schenkia australis</i>			
483.	972 <i>Schoenus armeria</i>			
484.	982 <i>Schoenus clandestinus</i>			
485.	993 <i>Schoenus hexandrus</i>			
486.	1013 <i>Schoenus sculptus</i> (Gimlet Bog-rush)			
487.	15452 <i>Schoenus</i> sp. <i>A2 Kulin</i> (B.G. Briggs 7939)			
488.	18164 <i>Schoenus</i> sp. <i>smooth culms</i> (K.R. Newbey 7823)			
489.	49116 <i>Scholtzia halophila</i> subsp. <i>mortlockensis</i>		P3	
490.	6033 <i>Scholtzia involucreta</i> (Spiked Scholtzia)			
491.	2609 <i>Sclerolaena diacantha</i> (Grey Copperburr)			
492.	2612 <i>Sclerolaena eurotioides</i> (Fluffy Bindii)			
493.	6 <i>Selaginella gracillima</i> (Tiny Clubmoss)			
494.	8207 <i>Senecio glossanthus</i> (Slender Groundsel)			
495.	20663 <i>Senecio multicaulis</i> subsp. <i>multicaulis</i>			
496.	12276 <i>Senna artemisioides</i> subsp. <i>filifolia</i>			
497.	18444 <i>Senna charlesiana</i>			
498.	46819 <i>Seringia integrifolia</i> (Common firebush)			
499.	15972 <i>Silene gallica</i> var. <i>gallica</i>	Y		
500.	2911 <i>Silene vulgaris</i> (Bladder Campion)	Y		
501.	14583 <i>Siloxerus multiflorus</i>			
502.	7013 <i>Solanum hoplopetalum</i> (Thorny Solanum)			
503.	7018 <i>Solanum lasiophyllum</i> (Flannel Bush, Mindjulu)			
504.	7039 <i>Solanum triflorum</i> (Threeflower Nightshade)	Y		
505.	8228 <i>Solidago canadensis</i> (Goldenrod)	Y		
506.	8231 <i>Sonchus oleraceus</i> (Common Sowthistle)	Y		
507.	616 <i>Sorghum bicolor</i> (Grain Sorghum)	Y		
508.	617 <i>Sorghum halepense</i> (Johnson Grass)	Y		
509.	1312 <i>Sowerbaea laxiflora</i> (Purple Tassels)			
510.	8900 <i>Spergularia marina</i>			
511.	12856 <i>Stirlingia abrotanoides</i>			
512.	44492 <i>Stuckenia pectinata</i>			
513.	7698 <i>Stylidium caricifolium</i> (Milkmaids)			
514.	7713 <i>Stylidium dichotomum</i> (Pins-and-needles)			
515.	19251 <i>Stylidium eriopodium</i>			
516.	7749 <i>Stylidium leptophyllum</i> (Needle-leaved Triggerplant)			
517.	7774 <i>Stylidium piliferum</i> (Common Butterfly Triggerplant)			
518.	7795 <i>Stylidium scabridum</i> (Moth Triggerplant)		P4	
519.	1260 <i>Stypandra glauca</i> (Blind Grass)			
520.	43203 <i>Surreya diandra</i>			
521.	25902 <i>Symphotrichum squamatum</i> (Bushy Starwort)	Y		
522.	16761 <i>Synaphea interioris</i>			
523.	20135 <i>Taxandria linearifolia</i>			
524.	33236 <i>Tecticornia halocnemoides</i> (Shrubby Samphire)			
525.	33319 <i>Tecticornia indica</i> subsp. <i>bidens</i>			
526.	31718 <i>Tecticornia lepidosperma</i>			
527.	31921 <i>Tecticornia leptoclada</i> subsp. <i>inclusa</i>			
528.	31675 <i>Tecticornia lylei</i>			
529.	31674 <i>Tecticornia peltata</i>			
530.	33297 <i>Tecticornia pergranulata</i> subsp. <i>pergranulata</i> (Blackseed Samphire)			
531.	31618 <i>Tecticornia pruinosa</i>			
532.	33218 <i>Tecticornia pterygosperma</i> subsp. <i>pterygosperma</i>			
533.	31716 <i>Tecticornia syncarpa</i>			
534.	31717 <i>Tecticornia undulata</i>			
535.	4258 <i>Templetonia sulcata</i> (Centipede Bush)			
536.	46437 <i>Tetradora preissiana</i>			
537.	4528 <i>Tetratheca confertifolia</i>			
538.	20736 <i>Thelymitra maculata</i>			
539.	5080 <i>Thomasia foliosa</i>			
540.	13495 <i>Thomasia glabripetala</i>			

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541.	5086 <i>Thomasia macrocalyx</i>			
542.	6064 <i>Thryptomene racemulosa</i>			
543.	1338 <i>Thysanotus manglesianus</i> (Fringed Lily)			
544.	29456 <i>Thysanotus</i> sp. Twining Wheatbelt (N.H. Brittan 81/29)			
545.	1351 <i>Thysanotus sparteus</i>			
546.	1354 <i>Thysanotus tenellus</i>			
547.	6268 <i>Trachymene cyanopetala</i>			
548.	6279 <i>Trachymene ornata</i> (Spongefruit)			
549.	1483 <i>Tribonanthes longipetala</i> (Branching Tiurmdin)			
550.	1361 <i>Tricoryne elatior</i> (Yellow Autumn Lily)			
551.	17542 <i>Trifolium arvense</i> var. <i>arvense</i>	Y		
552.	4292 <i>Trifolium campestre</i> (Hop Clover)	Y		
553.	4295 <i>Trifolium dubium</i> (Suckling Clover)	Y		
554.	17758 <i>Trifolium hybridum</i> var. <i>hybridum</i>	Y		
555.	4310 <i>Trifolium spumosum</i> (Bladder Clover)	Y		
556.	4313 <i>Trifolium subterraneum</i> (Subterranean Clover)	Y		
557.	15509 <i>Trifolium tomentosum</i> var. <i>tomentosum</i>	Y		
558.	33276 <i>Triglochin isingiana</i>			
559.	708 <i>Triticum aestivum</i> (Wheat)	Y		
560.	4840 <i>Trymalium daphnifolium</i>			
561.	15144 <i>Trymalium ledifolium</i> var. <i>lineare</i>			
562.	38388 <i>Ursinia anthemoides</i> subsp. <i>anthemoides</i>	Y		
563.	7656 <i>Velleia cycnopotamica</i>			
564.	8257 <i>Vellereophyton dealbatum</i> (White Cudweed)	Y		
565.	7105 <i>Verbascum creticum</i>	Y		
566.	12388 <i>Verticordia acerosa</i> var. <i>preissii</i>			
567.	6071 <i>Verticordia brachypoda</i>			
568.	6073 <i>Verticordia chrysantha</i>			
569.	12402 <i>Verticordia chrysanthella</i>			
570.	12411 <i>Verticordia densiflora</i> var. <i>cespitosa</i>			
571.	15432 <i>Verticordia densiflora</i> var. <i>densiflora</i>			
572.	12422 <i>Verticordia eriocephala</i> (Common Cauliflower)			
573.	12430 <i>Verticordia huegellii</i> var. <i>stylosa</i>			
574.	6089 <i>Verticordia hughanii</i> (Hughan's Featherflower)		T	
575.	6107 <i>Verticordia pennigera</i>			
576.	6109 <i>Verticordia picta</i> (Painted Featherflower)			
577.	12458 <i>Verticordia serrata</i> var. <i>ciliata</i>			
578.	15613 <i>Verticordia tumida</i> subsp. <i>tumida</i>			
579.	18666 <i>Vicia villosa</i>	Y		Y
580.	48986 <i>Vincetoxicum lineare</i>			
581.	12052 <i>Vulpia myuros</i> forma <i>megalura</i>	Y		
582.	33101 <i>Vulpia myuros</i> forma <i>myuros</i>	Y		
583.	13331 <i>Waitzia acuminata</i> var. <i>acuminata</i>			
584.	13330 <i>Waitzia acuminata</i> var. <i>albicans</i>			
585.	46093 <i>Waitzia fitzgibbonii</i>			
586.	13328 <i>Waitzia nitida</i>			
587.	6659 <i>Wilsonia humilis</i> (Silky Wilsonia)			
588.	1391 <i>Wurmbea densiflora</i>			
589.	12072 <i>Wurmbea dioica</i> subsp. <i>alba</i>			
590.	1395 <i>Wurmbea drummondii</i> (York Gum Nancy)			
591.	1403 <i>Wurmbea tenella</i> (Eight Nancy)			
592.	44861 <i>Xerochrysum macranthum</i>			
593.	7113 <i>Zaluzianskya divaricata</i> (Spreading Night Phlox)	Y		

Conservation Codes

T - Rare or likely to become extinct
X - Presumed extinct
IA - Protected under international agreement
S - Other specially protected fauna
1 - Priority 1
2 - Priority 2
3 - Priority 3
4 - Priority 4
5 - Priority 5

¹ For NatureMap's purposes, species flagged as endemic are those whose records are wholly contained within the search area. Note that only those records complying with the search criterion are included in the calculation. For example, if you limit records to those from a specific datasource, only records from that datasource are used to determine if a species is restricted to the query area.



EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected.

Information on the coverage of this report and qualifications on data supporting this report are contained in the caveat at the end of the report.

Information is available about [Environment Assessments](#) and the EPBC Act including significance guidelines, forms and application process details.

Report created: 08/11/19 16:34:47

[Summary](#)

[Details](#)

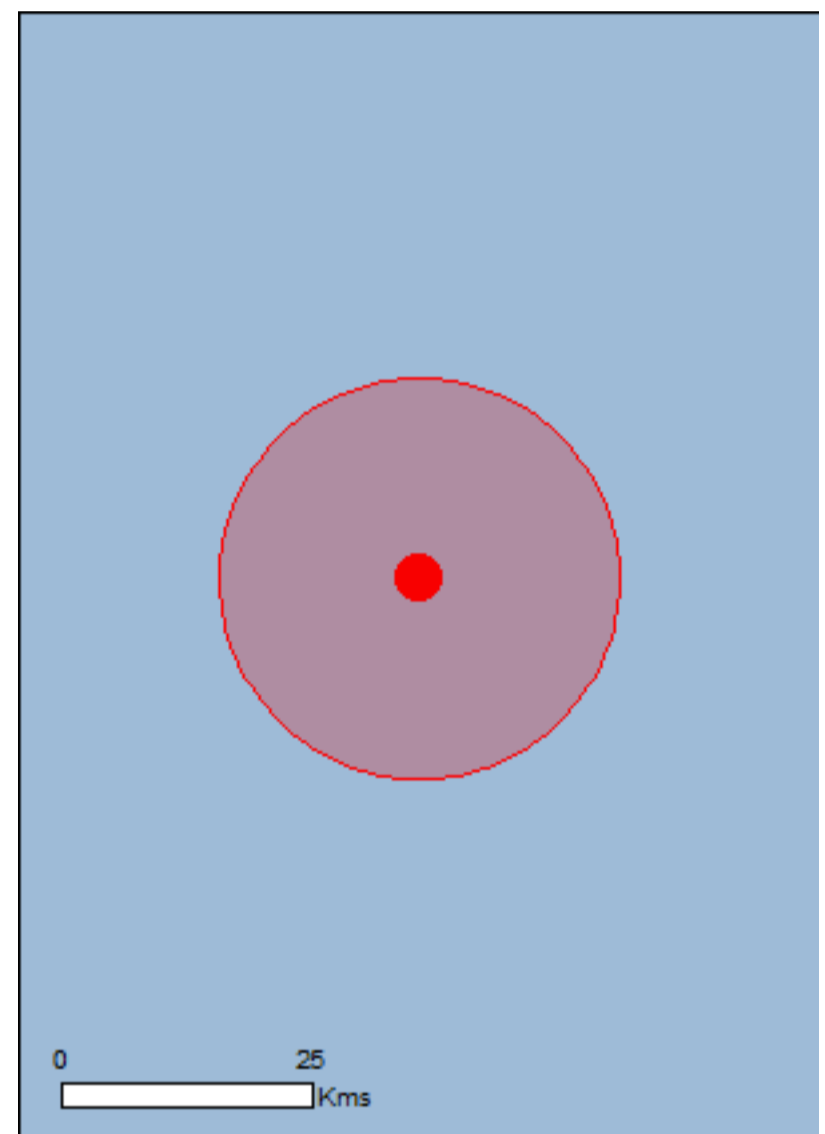
[Matters of NES](#)

[Other Matters Protected by the EPBC Act](#)

[Extra Information](#)

[Caveat](#)

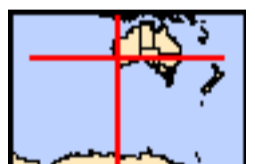
[Acknowledgements](#)



This map may contain data which are ©Commonwealth of Australia (Geoscience Australia), ©PSMA 2010

[Coordinates](#)

Buffer: 20.0Km



Summary

Matters of National Environmental Significance

This part of the report summarises the matters of national environmental significance that may occur in, or may relate to, the area you nominated. Further information is available in the detail part of the report, which can be accessed by scrolling or following the links below. If you are proposing to undertake an activity that may have a significant impact on one or more matters of national environmental significance then you should consider the [Administrative Guidelines on Significance](#).

World Heritage Properties:	None
National Heritage Places:	1
Wetlands of International Importance:	None
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	1
Listed Threatened Species:	28
Listed Migratory Species:	6

Other Matters Protected by the EPBC Act

This part of the report summarises other matters protected under the Act that may relate to the area you nominated. Approval may be required for a proposed activity that significantly affects the environment on Commonwealth land, when the action is outside the Commonwealth land, or the environment anywhere when the action is taken on Commonwealth land. Approval may also be required for the Commonwealth or Commonwealth agencies proposing to take an action that is likely to have a significant impact on the environment anywhere.

The EPBC Act protects the environment on Commonwealth land, the environment from the actions taken on Commonwealth land, and the environment from actions taken by Commonwealth agencies. As heritage values of a place are part of the 'environment', these aspects of the EPBC Act protect the Commonwealth Heritage values of a Commonwealth Heritage place. Information on the new heritage laws can be found at <http://www.environment.gov.au/heritage>

A [permit](#) may be required for activities in or on a Commonwealth area that may affect a member of a listed threatened species or ecological community, a member of a listed migratory species, whales and other cetaceans, or a member of a listed marine species.

Commonwealth Land:	1
Commonwealth Heritage Places:	1
Listed Marine Species:	13
Whales and Other Cetaceans:	None
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None

Extra Information

This part of the report provides information that may also be relevant to the area you have nominated.

State and Territory Reserves:	4
Regional Forest Agreements:	None
Invasive Species:	20
Nationally Important Wetlands:	None
Key Ecological Features (Marine)	None

Details

Matters of National Environmental Significance

National Heritage Properties		[Resource Information]
Name	State	Status
Historic		
Goldfields Water Supply Scheme, Western Australia	WA	Listed place

Listed Threatened Ecological Communities		[Resource Information]
For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.		

Name	Status	Type of Presence
Eucalypt Woodlands of the Western Australian Wheatbelt	Critically Endangered	Community likely to occur within area

Listed Threatened Species		[Resource Information]
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Name	Status	Type of Presence
Birds		

Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
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Calyptorhynchus banksii naso Forest Red-tailed Black-Cockatoo, Karrak [67034]	Vulnerable	Species or species habitat may occur within area
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Calyptorhynchus latirostris Carnaby's Cockatoo, Short-billed Black-Cockatoo [59523]	Endangered	Species or species habitat known to occur within area
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Leipoa ocellata Malleefowl [934]	Vulnerable	Species or species habitat likely to occur within area
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Pezoporus occidentalis Night Parrot [59350]	Endangered	Species or species habitat may occur within area
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Rostratula australis Australian Painted-snipe, Australian Painted Snipe [77037]	Endangered	Species or species habitat may occur within area
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Mammals		
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Dasyurus geoffroii Chuditch, Western Quoll [330]	Vulnerable	Species or species habitat known to occur within area
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Phascogale calura Red-tailed Phascogale, Red-tailed Wambenger, Kenngoor [316]	Vulnerable	Species or species habitat likely to occur within area
--	------------	--

Other		
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Idiosoma nigrum Shield-backed Trapdoor Spider, Black Rugose Trapdoor Spider [66798]	Vulnerable	Species or species habitat likely to occur within area
--	------------	--

Plants		
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Name	Status	Type of Presence
Acacia ataxiphylla subsp. magna Large-fruited Tammin Wattle [64823]	Endangered	Species or species habitat likely to occur within area
Acacia cochlocarpa subsp. velutinos Velvety Spiral Pod Wattle [65112]	Critically Endangered	Species or species habitat may occur within area
Acacia volubilis Tangled Wattle, Tangle Wattle [6476]	Endangered	Species or species habitat may occur within area
Banksia oligantha Wagin Banksia [20697]	Endangered	Species or species habitat may occur within area
Caladenia huegelii King Spider-orchid, Grand Spider-orchid, Rusty Spider-orchid [7309]	Endangered	Species or species habitat may occur within area
Chorizema humile Prostrate Flame Pea [32573]	Endangered	Species or species habitat may occur within area
Dasymalla axillaris Native Foxglove [38829]	Critically Endangered	Species or species habitat may occur within area
Daviesia euphorbioides Wongan Cactus [3477]	Endangered	Species or species habitat likely to occur within area
Gastrolobium hamulosum Hook-point Poison [9212]	Endangered	Species or species habitat may occur within area
Grevillea christineae Christine's Grevillea [64520]	Endangered	Species or species habitat known to occur within area
Grevillea dryandroides subsp. hirsuta Hairy Phalanx Grevillea [64577]	Endangered	Species or species habitat likely to occur within area
Guichenotia seorsiflora [82693]	Critically Endangered	Species or species habitat may occur within area
Lysiosepalum abollatum Woolly Lysiosepalum [83216]	Critically Endangered	Species or species habitat may occur within area
Melaleuca sciotostyla Wongan Melaleuca [24324]	Endangered	Species or species habitat may occur within area
Roycea pycnophylloides Saltmat [21161]	Endangered	Species or species habitat known to occur within area
Symonanthus bancroftii Bancrofts Symonanthus [12837]	Endangered	Species or species habitat likely to occur within area
Thelymitra stellata Star Sun-orchid [7060]	Endangered	Species or species habitat may occur within area
Thomasia glabripetala Sandplain Thomasia [56547]	Vulnerable	Species or species habitat known to occur within area

Name	Status	Type of Presence
Verticordia staminosa subsp. staminosa Wongan Featherflower [55825]	Endangered	Species or species habitat may occur within area

Listed Migratory Species [\[Resource Information \]](#)

* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.

Name	Threatened	Type of Presence
Migratory Marine Birds		
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area

Migratory Terrestrial Species

Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area
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Migratory Wetlands Species

Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat may occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area

Other Matters Protected by the EPBC Act

Commonwealth Land [\[Resource Information \]](#)

The Commonwealth area listed below may indicate the presence of Commonwealth land in this vicinity. Due to the unreliability of the data source, all proposals should be checked as to whether it impacts on a Commonwealth area, before making a definitive decision. Contact the State or Territory government land department for further information.

Name
Commonwealth Land -

Commonwealth Heritage Places [\[Resource Information \]](#)

Name	State	Status
Historic		
Northam Post Office	WA	Listed place

Listed Marine Species [\[Resource Information \]](#)

* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.

Name	Threatened	Type of Presence
Birds		
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat may occur within area
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Ardea alba Great Egret, White Egret [59541]		Species or species habitat known to occur within area
Ardea ibis Cattle Egret [59542]		Species or species habitat may occur within area

Name	Threatened	Type of Presence
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area
Chrysococcyx osculans Black-eared Cuckoo [705]		Species or species habitat likely to occur within area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat likely to occur within area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area
Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area
Rostratula benghalensis (sensu lato) Painted Snipe [889]	Endangered*	Species or species habitat may occur within area
Thinornis rubricollis Hooded Plover [59510]		Species or species habitat may occur within area

Extra Information

State and Territory Reserves	[Resource Information]
Name	State
Cartamulligan Well	WA
Meenaar	WA
Mortlock	WA
Throssell	WA

Invasive Species [Resource Information]

Weeds reported here are the 20 species of national significance (WoNS), along with other introduced plants that are considered by the States and Territories to pose a particularly significant threat to biodiversity. The following feral animals are reported: Goat, Red Fox, Cat, Rabbit, Pig, Water Buffalo and Cane Toad. Maps from Landscape Health Project, National Land and Water Resources Audit, 2001.

Name	Status	Type of Presence
Birds		
Anas platyrhynchos Mallard [974]		Species or species habitat likely to occur within area
Columba livia Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
Cygnus olor Mute Swan [962]		Species or species habitat likely to occur within area
Streptopelia chinensis Spotted Turtle-Dove [780]		Species or species habitat likely to occur

Name	Status	Type of Presence within area
Streptopelia senegalensis Laughing Turtle-dove, Laughing Dove [781]		Species or species habitat likely to occur within area
Mammals		
Bos taurus Domestic Cattle [16]		Species or species habitat likely to occur within area
Canis lupus familiaris Domestic Dog [82654]		Species or species habitat likely to occur within area
Felis catus Cat, House Cat, Domestic Cat [19]		Species or species habitat likely to occur within area
Mus musculus House Mouse [120]		Species or species habitat likely to occur within area
Oryctolagus cuniculus Rabbit, European Rabbit [128]		Species or species habitat likely to occur within area
Rattus rattus Black Rat, Ship Rat [84]		Species or species habitat likely to occur within area
Sus scrofa Pig [6]		Species or species habitat likely to occur within area
Vulpes vulpes Red Fox, Fox [18]		Species or species habitat likely to occur within area
Plants		
Asparagus asparagoides Bridal Creeper, Bridal Veil Creeper, Smilax, Florist's Smilax, Smilax Asparagus [22473]		Species or species habitat likely to occur within area
Carrichtera annua Ward's Weed [9511]		Species or species habitat may occur within area
Cenchrus ciliaris Buffel-grass, Black Buffel-grass [20213]		Species or species habitat may occur within area
Chrysanthemoides monilifera Bitou Bush, Boneseed [18983]		Species or species habitat may occur within area
Lycium ferocissimum African Boxthorn, Boxthorn [19235]		Species or species habitat likely to occur within area
Solanum elaeagnifolium Silver Nightshade, Silver-leaved Nightshade, White Horse Nettle, Silver-leaf Nightshade, Tomato Weed, White Nightshade, Bull-nettle, Prairie-berry, Satansbos, Silver-leaf Bitter-apple, Silverleaf-nettle, Trompillo [12323]		Species or species habitat likely to occur within area
Tamarix aphylla Athel Pine, Athel Tree, Tamarisk, Athel Tamarisk, Athel Tamarix, Desert Tamarisk, Flowering Cypress, Salt Cedar [16018]		Species or species habitat likely to occur within area

Caveat

The information presented in this report has been provided by a range of data sources as acknowledged at the end of the report.

This report is designed to assist in identifying the locations of places which may be relevant in determining obligations under the Environment Protection and Biodiversity Conservation Act 1999. It holds mapped locations of World and National Heritage properties, Wetlands of International and National Importance, Commonwealth and State/Territory reserves, listed threatened, migratory and marine species and listed threatened ecological communities. Mapping of Commonwealth land is not complete at this stage. Maps have been collated from a range of sources at various resolutions.

Not all species listed under the EPBC Act have been mapped (see below) and therefore a report is a general guide only. Where available data supports mapping, the type of presence that can be determined from the data is indicated in general terms. People using this information in making a referral may need to consider the qualifications below and may need to seek and consider other information sources.

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

Threatened, migratory and marine species distributions have been derived through a variety of methods. Where distributions are well known and if time permits, maps are derived using either thematic spatial data (i.e. vegetation, soils, geology, elevation, aspect, terrain, etc) together with point locations and described habitat; or environmental modelling (MAXENT or BIOCLIM habitat modelling) using point locations and environmental data layers.

Where very little information is available for species or large number of maps are required in a short time-frame, maps are derived either from 0.04 or 0.02 decimal degree cells; by an automated process using polygon capture techniques (static two kilometre grid cells, alpha-hull and convex hull); or captured manually or by using topographic features (national park boundaries, islands, etc). In the early stages of the distribution mapping process (1999-early 2000s) distributions were defined by degree blocks, 100K or 250K map sheets to rapidly create distribution maps. More reliable distribution mapping methods are used to update these distributions as time permits.

Only selected species covered by the following provisions of the EPBC Act have been mapped:

- migratory and
- marine

The following species and ecological communities have not been mapped and do not appear in reports produced from this database:

- threatened species listed as extinct or considered as vagrants
- some species and ecological communities that have only recently been listed
- some terrestrial species that overfly the Commonwealth marine area
- migratory species that are very widespread, vagrant, or only occur in small numbers

The following groups have been mapped, but may not cover the complete distribution of the species:

- non-threatened seabirds which have only been mapped for recorded breeding sites
- seals which have only been mapped for breeding sites near the Australian continent

Such breeding sites may be important for the protection of the Commonwealth Marine environment.

Coordinates

-31.61965 116.83036

Acknowledgements

This database has been compiled from a range of data sources. The department acknowledges the following custodians who have contributed valuable data and advice:

- [-Office of Environment and Heritage, New South Wales](#)
- [-Department of Environment and Primary Industries, Victoria](#)
- [-Department of Primary Industries, Parks, Water and Environment, Tasmania](#)
- [-Department of Environment, Water and Natural Resources, South Australia](#)
- [-Department of Land and Resource Management, Northern Territory](#)
- [-Department of Environmental and Heritage Protection, Queensland](#)
- [-Department of Parks and Wildlife, Western Australia](#)
- [-Environment and Planning Directorate, ACT](#)
- [-Birdlife Australia](#)
- [-Australian Bird and Bat Banding Scheme](#)
- [-Australian National Wildlife Collection](#)
- [-Natural history museums of Australia](#)
- [-Museum Victoria](#)
- [-Australian Museum](#)
- [-South Australian Museum](#)
- [-Queensland Museum](#)
- [-Online Zoological Collections of Australian Museums](#)
- [-Queensland Herbarium](#)
- [-National Herbarium of NSW](#)
- [-Royal Botanic Gardens and National Herbarium of Victoria](#)
- [-Tasmanian Herbarium](#)
- [-State Herbarium of South Australia](#)
- [-Northern Territory Herbarium](#)
- [-Western Australian Herbarium](#)
- [-Australian National Herbarium, Canberra](#)
- [-University of New England](#)
- [-Ocean Biogeographic Information System](#)
- [-Australian Government, Department of Defence Forestry Corporation, NSW](#)
- [-Geoscience Australia](#)
- [-CSIRO](#)
- [-Australian Tropical Herbarium, Cairns](#)
- [-eBird Australia](#)
- [-Australian Government – Australian Antarctic Data Centre](#)
- [-Museum and Art Gallery of the Northern Territory](#)
- [-Australian Government National Environmental Science Program](#)
- [-Australian Institute of Marine Science](#)
- [-Reef Life Survey Australia](#)
- [-American Museum of Natural History](#)
- [-Queen Victoria Museum and Art Gallery, Inveresk, Tasmania](#)
- [-Tasmanian Museum and Art Gallery, Hobart, Tasmania](#)
- [-Other groups and individuals](#)


The Department is extremely grateful to the many organisations and individuals who provided expert advice and information on numerous draft distributions.


Please feel free to provide feedback via the [Contact Us](#) page.


Common Name	Scientific Name	Count	Reporting Rate
Blue-billed Duck	<i>Oxyura australis</i>	1	0.33%
Pink-eared Duck	<i>Malacorhynchus membranaceus</i>	10	3.34%
Black Swan	<i>Cygnus atratus</i>	2	0.67%
Australian Shelduck	<i>Tadorna tadornoides</i>	51	17.06%
Hardhead	<i>Aythya australis</i>	7	2.34%
Australasian Shoveler	<i>Spatula rhynchotis</i>	5	1.67%
Pacific Black Duck	<i>Anas superciliosa</i>	15	5.02%
Grey Teal	<i>Anas gracilis</i>	44	14.72%
Australian Wood Duck	<i>Chenonetta jubata</i>	31	10.37%
Stubble Quail	<i>Coturnix pectoralis</i>	2	0.67%
Australasian Grebe	<i>Tachybaptus novaehollandiae</i>	13	4.35%
Hoary-headed Grebe	<i>Poliiocephalus poliocephalus</i>	11	3.68%
Rock Dove	<i>Columba livia</i>	2	0.67%
Laughing Dove	<i>Streptopelia senegalensis</i>	30	10.03%
Common Bronzewing	<i>Phaps chalcoptera</i>	52	17.39%
Brush Bronzewing	<i>Phaps elegans</i>	1	0.33%
Crested Pigeon	<i>Ocyphaps lophotes</i>	95	31.77%
Horsfield's Bronze-Cuckoo	<i>Chalcites basalis</i>	9	3.01%
Shining Bronze-Cuckoo	<i>Chalcites lucidus</i>	1	0.33%
Pallid Cuckoo	<i>Heteroscenes pallidus</i>	32	10.70%
Tawny Frogmouth	<i>Podargus strigoides</i>	1	0.33%
Spotted Nightjar	<i>Eurostopodus argus</i>	1	0.33%
Purple Swamphen	<i>Porphyrio porphyrio</i>	2	0.67%
Black-tailed Native-hen	<i>Tribonyx ventralis</i>	5	1.67%
Eurasian Coot	<i>Fulica atra</i>	21	7.02%
Black-winged Stilt	<i>Himantopus leucocephalus</i>	19	6.35%
Black-fronted Dotterel	<i>Elseya melanops</i>	26	8.70%
Banded Lapwing	<i>Vanellus tricolor</i>	1	0.33%
Red-kneed Dotterel	<i>Erythronyx cinctus</i>	2	0.67%
Painted Button-quail	<i>Turnix varius</i>	4	1.34%
Little Button-quail	<i>Turnix velox</i>	3	1.00%
Australian Pelican	<i>Pelecanus conspicillatus</i>	1	0.33%
White-faced Heron	<i>Egretta novaehollandiae</i>	16	5.35%
Yellow-billed Spoonbill	<i>Platalea flavipes</i>	2	0.67%
Black-shouldered Kite	<i>Elanus axillaris</i>	22	7.36%
Wedge-tailed Eagle	<i>Aquila audax</i>	12	4.01%
Little Eagle	<i>Hieraaetus morphnoides</i>	2	0.67%
Brown Goshawk	<i>Accipiter fasciatus</i>	6	2.01%
Collared Sparrowhawk	<i>Accipiter cirrocephalus</i>	2	0.67%
Whistling Kite	<i>Haliastur sphenurus</i>	1	0.33%
Rainbow Bee-eater	<i>Merops ornatus</i>	14	4.68%
Sacred Kingfisher	<i>Todiramphus sanctus</i>	4	1.34%
Laughing Kookaburra	<i>Dacelo novaeguineae</i>	14	4.68%
Nankeen Kestrel	<i>Falco cenchroides</i>	41	13.71%
Australian Hobby	<i>Falco longipennis</i>	6	2.01%
Brown Falcon	<i>Falco berigora</i>	1	0.33%
Peregrine Falcon	<i>Falco peregrinus</i>	3	1.00%
Galah	<i>Eolophus roseicapilla</i>	135	45.15%
Western Corella	<i>Cacatua pastinator</i>	46	15.38%


Little Corella	<i>Cacatua sanguinea</i>	4	1.34%
Australian Ringneck	<i>Barnardius zonarius</i>	217	72.58%
Elegant Parrot	<i>Neophema elegans</i>	10	3.34%
Rainbow Lorikeet	<i>Trichoglossus moluccanus</i>	1	0.33%
Splendid Fairy-wren	<i>Malurus splendens</i>	2	0.67%
White-winged Fairy-wren	<i>Malurus leucopterus</i>	10	3.34%
Brown Honeyeater	<i>Lichmera indistincta</i>	133	44.48%
White-cheeked Honeyeater	<i>Phylidonyris niger</i>	56	18.73%
White-eared Honeyeater	<i>Nesoptilotis leucotis</i>	2	0.67%
Brown-headed Honeyeater	<i>Melithreptus brevirostris</i>	26	8.70%
White-naped Honeyeater	<i>Melithreptus lunatus</i>	1	0.33%
White-fronted Chat	<i>Epthianura albifrons</i>	9	3.01%
Spiny-cheeked Honeyeater	<i>Acanthagenys rufogularis</i>	23	7.69%
Western Wattlebird	<i>Anthochaera lunulata</i>	2	0.67%
Red Wattlebird	<i>Anthochaera carunculata</i>	75	25.08%
Singing Honeyeater	<i>Gavicalis virescens</i>	183	61.20%
Yellow-plumed Honeyeater	<i>Ptilotula ornata</i>	7	2.34%
White-fronted Honeyeater	<i>Purnella albifrons</i>	1	0.33%
Yellow-throated Miner	<i>Manorina flavigula</i>	86	28.76%
Spotted Pardalote	<i>Pardalotus punctatus</i>	1	0.33%
Striated Pardalote	<i>Pardalotus striatus</i>	101	33.78%
Western Gerygone	<i>Gerygone fusca</i>	49	16.39%
Weebill	<i>Smicrornis brevirostris</i>	148	49.50%
Yellow-rumped Thornbill	<i>Acanthiza chrysorrhoa</i>	97	32.44%
Chestnut-rumped Thornbill	<i>Acanthiza uropygialis</i>	2	0.67%
White-browed Babbler	<i>Pomatostomus superciliosus</i>	38	12.71%
Varied Sittella	<i>Daphoenositta chrysoptera</i>	8	2.68%
Black-faced Cuckoo-shrike	<i>Coracina novaehollandiae</i>	53	17.73%
White-winged Triller	<i>Lalage tricolor</i>	18	6.02%
Rufous Whistler	<i>Pachycephala rufiventris</i>	80	26.76%
Grey Shrike-thrush	<i>Colluricincla harmonica</i>	48	16.05%
Grey Currawong	<i>Strepera versicolor</i>	2	0.67%
Australian Magpie	<i>Gymnorhina tibicen</i>	137	45.82%
Pied Butcherbird	<i>Cracticus nigrogularis</i>	78	26.09%
Grey Butcherbird	<i>Cracticus torquatus</i>	34	11.37%
Masked Woodswallow	<i>Artamus personatus</i>	1	0.33%
Black-faced Woodswallow	<i>Artamus cinereus</i>	45	15.05%
Willie Wagtail	<i>Rhipidura leucophrys</i>	93	31.10%
Grey Fantail	<i>Rhipidura fuliginosa</i>	63	21.07%
Australian Raven	<i>Corvus coronoides</i>	179	59.87%
Restless Flycatcher	<i>Myiagra inquieta</i>	1	0.33%
Magpie-lark	<i>Grallina cyanoleuca</i>	84	28.09%
Red-capped Robin	<i>Petroica goodenovii</i>	47	15.72%
Mistletoebird	<i>Dicaeum hirundinaceum</i>	23	7.69%
Zebra Finch	<i>Taeniopygia guttata</i>	1	0.33%
Australasian Pipit	<i>Anthus novaeseelandiae</i>	51	17.06%
Brown Songlark	<i>Cincloramphus cruralis</i>	3	1.00%
Rufous Songlark	<i>Cincloramphus mathewsi</i>	13	4.35%
Little Grassbird	<i>Poodytes gramineus</i>	14	4.68%
Australian Reed-Warbler	<i>Acrocephalus australis</i>	1	0.33%


Fairy Martin	<i>Petrochelidon ariel</i>	1	0.33%
Tree Martin	<i>Petrochelidon nigricans</i>	65	21.74%
Welcome Swallow	<i>Hirundo neoxena</i>	26	8.70%
Silvereye	<i>Zosterops lateralis</i>	9	3.01%
Corella spp		2	0.67%
Crow & Raven spp		1	0.33%


Site	Landform		Condition			Habitat
HA01	Low Hill		Good			Open Woodland
Description	Open woodland of <i>Eucalyptus wandoo</i> over grazed grasses and woody debris.					
% Ground Cover	Bare Soil	10				
	Litter	Low (< 10%)				
	Canopy Cover	20				
	Understorey	70				
Rocks	No exposed rock	X				
	<20% exposed rock					
	20-50% exposed rock					
	>50% exposed rock					
	Boulders / Rocks %					
Soil	Surface Stones	Cobbles (51-250mm)				
	Type	Clay				
Soil	Colour	Grey				
	Water Impacts		Vegetation			
Habitat Features	Fire Presence		Stratum	Form	Height	Species
	Woody Debris	Low (< 10%)	Upper	Tree	>10m <10m	<i>Eucalyptus wandoo</i> subsp. <i>wandoo</i>
	Grazing	Cattle				
	Rock Crevices		Middle	Shrub		
	Burrowing Suitability	Low				
	Large trees present	Yes	Ground	Grasses	0.3m	
	Tree Hollows (>10cm)	>10cm				

Site	Landform		Condition			Habitat
HA02	Valley		Good			Open Woodland
Description	Open woodland of <i>Eucalyptus wandoo</i> over grazed grasses and woody debris.					
% Ground Cover	Bare Soil	10				
	Litter	Low (< 10%)				
	Canopy Cover	20				
Rocks	Understorey	70				
	No exposed rock	X				
	<20% exposed rock					
	20-50% exposed rock					
	>50% exposed rock					
Soil	Boulders / Rocks %					
	Surface Stones	Cobbles (51-250mm)				
Soil	Type	Clay				
	Colour	Grey				
Habitat Features	Water Impacts		Vegetation			
	Fire Presence		Stratum	Form	Height	Species
	Woody Debris	Low (< 10%)	Upper	Tree		<i>Eucalyptus wandoo</i> subsp. <i>wandoo</i>
	Grazing	Cattle				
	Rock Crevices		Middle	Shrub	>0.75m	
	Burrowing Suitability	Low				
	Large trees present	Yes	Ground	Grasses	0.75m	
Tree Hollows (>10cm)	>10cm					

Site	Landform	Condition	Habitat			
HA03	Low Hill	Good	Open Woodland			
Description	Open woodland of <i>Eucalyptus loxophleba</i> over grazed grasses and woody debris.					
% Ground Cover	Bare Soil					
	Litter	Moderate (10-40%)				
	Canopy Cover	10				
Rocks	Understorey	80				
	No exposed rock	X				
	<20% exposed rock					
	20-50% exposed rock					
	>50% exposed rock					
Soil	Boulders / Rocks %					
	Surface Stones	Pebbles (0-50mm)				
Soil	Type	Clay sand				
	Colour	Grey				
Habitat Features	Water Impacts		Vegetation			
	Fire Presence		Stratum	Form	Height	Species
	Woody Debris	Low (< 10%)	Upper	Tree	>10m	<i>Eucalyptus loxophleba</i>
	Grazing	Cattle			<10m	
	Rock Crevices		Middle	Shrub		
	Burrowing Suitability	Low				
	Large trees present	Yes	Ground	Grasses	<0.75m	
Tree Hollows (>10cm)	>10cm					

Site	Landform	Condition	Habitat			
HA04	Low Hill	Good	Open Woodland			
Description	Open woodland of <i>Eucalyptus loxophleba</i> over grazed grasses and woody debris.					
% Ground Cover	Bare Soil					
	Litter	Moderate (10-40%)				
	Canopy Cover	10				
Rocks	Understorey	80				
	No exposed rock	X				
	<20% exposed rock					
	20-50% exposed rock					
	>50% exposed rock					
	Boulders / Rocks %					
Soil	Surface Stones	Pebbles (0-50mm)				
	Type	Clay sand				
Soil	Colour	Grey				
	Water Impacts		Vegetation			
Habitat Features	Fire Presence		Stratum	Form	Height	Species
	Woody Debris	Low (< 10%)	Upper	Tree	>10m	<i>Eucalyptus loxophleba</i>
	Grazing	Cattle			<10m	
	Rock Crevices		Middle	Shrub	>2m	
	Burrowing Suitability	Low				
	Large trees present	Yes	Ground	Grasses	0.75m	
	Tree Hollows (>10cm)	>10cm				

Site	Landform		Condition			Habitat
HA05	Low Hill		Good			Open Woodland
Description	Open woodland of <i>Eucalyptus wandoo</i> over <i>Xanthorrhoea preisii</i> and <i>Hakea preisii</i> over tussock grasses and herbs on granite outcropping and cobbles.					
% Ground Cover	Bare Soil	10				
	Litter	Low (< 10%)				
	Canopy Cover	10				
	Understorey	70				
Rocks	No exposed rock					
	<20% exposed rock	x				
	20-50% exposed rock					
	>50% exposed rock					
	Boulders / Rocks %	20				
Surface Stones	Cobbles (51-250mm)					
Soil	Type	Clay				
	Colour	Grey				
Habitat Features	Water Impacts		Vegetation			
	Fire Presence		Stratum	Form	Height	Species
	Woody Debris	Low (< 10%)	Upper	Tree	>10m	<i>Eucalyptus wandoo</i> subsp. <i>wandoo</i>
	Grazing	Cattle			<10m	
	Rock Crevices		Middle	Shrub	>2m	<i>Xanthorrhoea preisii</i> , <i>Hakea preisii</i>
	Burrowing Suitability	Low				
	Large trees present	Yes	Ground	Grasses	0.75m	
	Tree Hollows (>10cm)	>10cm				

Site	Landform		Condition			Habitat
HA06	Low Hill		Good			Open Woodland
Description	Open woodland of <i>Eucalyptus wandoo</i> over <i>Xanthorrhoea preisii</i> over tussock grasses and herbs on granite outcropping and cobbles with some termitaria present.					
% Ground Cover	Bare Soil	30				
	Litter	Low (< 10%)				
	Canopy Cover					
	Understorey	50				
Rocks	No exposed rock					
	<20% exposed rock	x				
	20-50% exposed rock					
	>50% exposed rock					
	Boulders / Rocks %	10				
Soil	Surface Stones	Cobbles (51-250mm)				
	Type	Clay				
	Colour	Grey				
	Water Impacts		Vegetation			
Habitat Features	Fire Presence		Stratum	Form	Height	Species
	Woody Debris	Low (< 10%)	Upper	Tree	>10m	<i>Eucalyptus wandoo</i> subsp. <i>wandoo</i>
	Grazing	Cattle				
	Rock Crevices		Middle	Shrub	>2m	<i>Xanthorrhoea preisii</i>
	Burrowing Suitability	Low				
	Large trees present	Yes	Ground	Grasses	0.75m	
	Tree Hollows (>10cm)	>10cm				

483500

484000

6502000

6501500

6501000

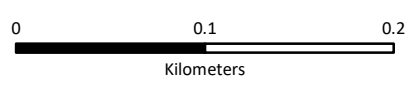


Proposed development area
 Tracks



Project: 1806
 Date: 12 November 2019
 Author: RS
 Coordinate System: GDA 1994 MGA Zone 50
 Projection: Transverse Mercator
 Absolute Scale: 1:4,000 @A3

Appendix H Track log



Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community