

Westdeen Holdings

Jurien Lime Sand Project M70/307

Jurien Clearing Application CPS 5652/1 - Supporting Document

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Revision: 1

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Executive Summary

A search was undertaken of State and National Databases for the presence of listed or threatened species likely to occur on the proposed clearing footprint on M70/307. The searches were carried out at a 1, 2 and 10km buffer around 30°, 14', 53" S, 115°, 02', 23" E, the central point of the tenement. The searches did not identify any species likely to be impacted by clearing for lime sand extraction on M70/307. Four plant species were identified with limited potential to occur. A site inspection was carried out on 18 July 2013, none of these species were identified within the clearing footprint. Should their presence be identified during clearing or mining then clearing will be stopped until a management plan has been developed by Westdeen Holdings.

1 Introduction

Westdeen Holdings is seeking approval for a Clearing Permit (Purpose Permit) to clear an additional 20 ha of vegetation on M70/307 (Figure 1-1) to advance their Lime Sand mining face.

Westdeen Holdings have submitted Clearing Application CPS N0 5652/1 for grant of a permit for this purpose, this document supports the clearing application and is an assessment of the vegetation and habitat types found on the site and contains the results of searches on the State and National databases for listed or threatened species that may occur in this vicinity with an analysis of the likely impacts of undertaking this clearing.

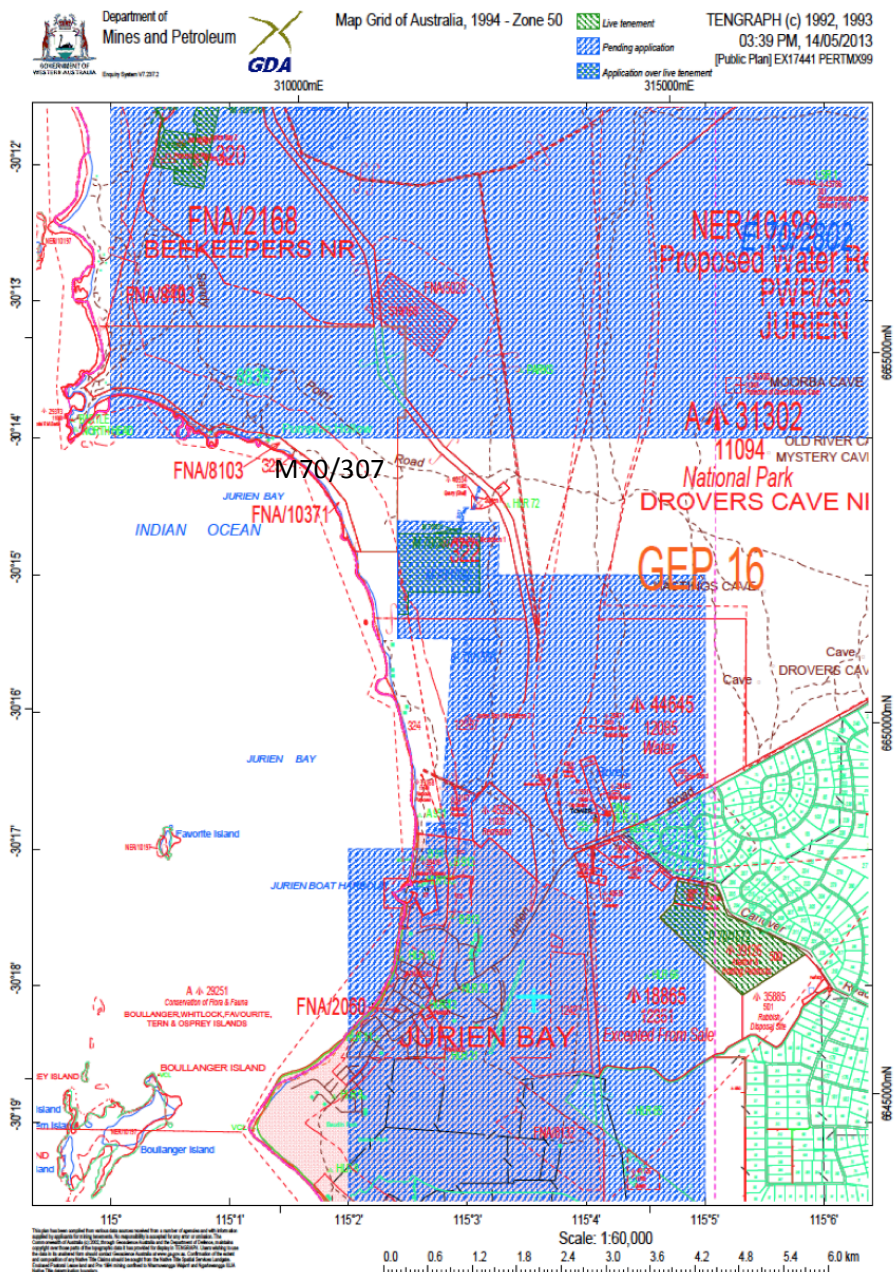


Figure 1-1 Jurien Project M70/307 Tenement Location

1.1 Background

Westdeen Holdings have been extracting Lime Sand from M70/307 at Jurien Bay since the early 1990's. Extraction takes place during summer and autumn for delivery and spreading on farmland prior to the autumn and winter growing season. Rates of extraction varied from 4,000t to 6,000t in the early years increasing to between 10,000t and 30,000t recently. The significant increase in demand more recently is directly related to farmers becoming aware of the yield benefits in applying lime to neutralise acidification resulting from the use of inorganic fertilisers and continuous cropping practices.

Lime Sand is extracted from the high mobile sand dunes typical of this part of the Western Australian Coast between Perth and Geraldton. The dune systems are mobile, 3 to 8 high with little or no vegetation establishment due to high wind velocities and constantly moving sand drifts. Mining takes place from an open face at the base of the dune using front end loaders, lime sand is loaded directly onto trucks for delivery to farms unless roots and other coarse materials are present then the lime sand is screened prior to loading on trucks.

1.2 Floristics

M70/307 occurs in the Swan Coastal Plain IBRA Region, Perth Sub Region. M70/307 is typically low coastal heath which is floristically depauperate (Burbidge and Boscacci, 1989). These heaths are dominated by *Acacia lasiocarpa*, *Melaleuca acerosa* and *Leptomaria spinosa*. Vegetation on the dunes subject to mining is sparse as can be clearly seen in Figure 1-2. The areas proposed for mining have a limited cover of vegetation requiring clearing ahead of mining.

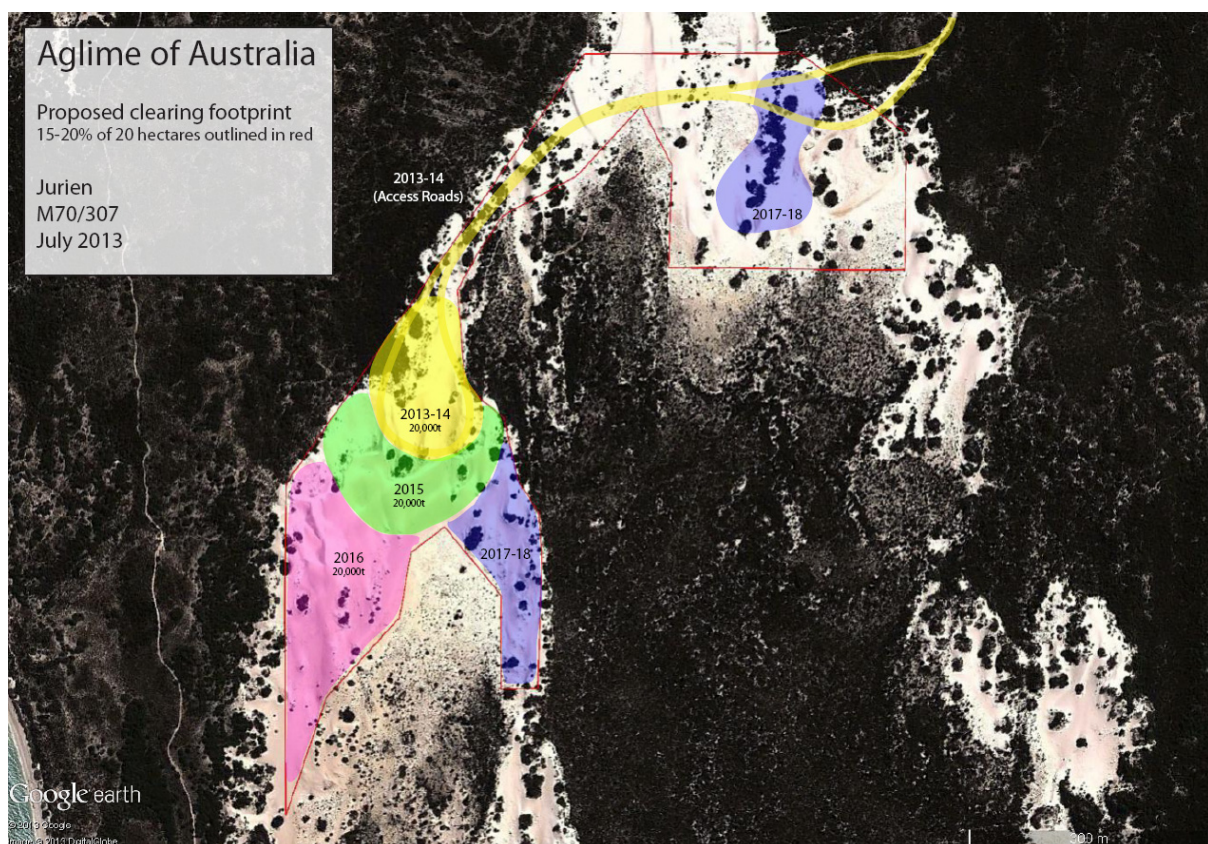


Figure 1-2 Jurien Project Proposed Clearing Footprint

2 State and National Database Searches

Using a centroid of 30°, 14', 53" S, 115°, 02', 23" E searches were undertaken with 1, 2 and 10 km buffers of both the State and National Databases, results are summarised below. The 3 buffers were analysed to identify potential sensitivities and ensure all species potentially at risk were identified.

2.1 Naturebase

The results from the Naturebase search are summarised in Table 2-1 and the full reports are included as appendices. No listed fauna or flora species were identified within the 1km buffer. Two listed flora species were identified within the 2 km buffer, one listed as rare or likely to become extinct, *Grevillea christineae* and one priority 3 species, *Stylidium maritimum*, as its name suggests the P3 species is associated with the coastal environment. The proposed clearing footprint was surveyed on 18 July for the presence of these species with none identified either within the clearing footprint or on the tenement.

The 10km buffer identified a significantly wider range of species as would be expected as this buffer intersects a wide diversity of both marine and terrestrial environments. These broader areas are quite separate to the project area and lime sand extraction activities will not impact on any of these values or habitats.

Table 2-1 Summary of Naturebase Results

Buffer	Rare	Protected	Other Protected	P1	P2	P3	P4
1km							
2km	1					1	
10km	7	11	2	1	4	9	12

2.2 EPBC Matters of National Environmental Significance

The results from the EPBC database search are summarised in Table 2-2 and the full reports are included as appendices.

Within the 1km buffer the search identified one National Heritage Place, the Beekeepers Reserve-Lesueur-Coomallo Area and Nambung National Park, 26 Listed Threatened Species and 28 Listed Migratory Species. Of the listed threatened species there are 5 animals and 5 plants that may appear in the project area, these are:

Calyptrorhynchus latiristris (Carnaby's Black Cockatoo), the vegetation within the clearing footprint is not typical of breeding or feeding grounds for this species, this project will not impact on this species.

Dasyurus geoffroyi (Chuditch or Western Quoll), no evidence of this species has been seen on site and the proximity to the Lancelin town site would mean high potential for predation by foxes and cats with little vegetation cover to provide protection.

Parantechinus apicalis (Dibbler), these are only known from three Island off the coast of Jurien and not recorded from the project area.

Leipoa ocellata (Mallee Fowl), Mallee Fowl have not been identified in this area during previous mining activities, however a watch will be maintained for the species and should there be evidence of mounds or activity then these will be protected.

Idiosoma nigrum (Shield-backed Trapdoor Spider), this species is reported widely throughout this region from Bunbury in the South to Shark Bay and inland into the pastoral and agricultural regions. Clearing in the project area is unlikely to impact this species.

Caladenia heugelii (King Spider Orchid), The King Spider Orchid is scattered within 20 kms of the Coast from north of Perth to the Scott River in the south, a site survey on 18 July 2013 did not identify the presence of this species in the clearing footprint.

Centrolepis caespitosa, this species has been reported from north of Perth, South to Augusta with populations reported around Albany. It has not been reported in the vicinity of the project site, a site survey on 18 July 2013 did not identify the presence of this species in the clearing footprint.

Grevillea christineae (Christines Grevillea), Christines Grevillea has been reported in this region from north of Perth up to Carnarvon, a site survey on 18 July 2013 did not identify the presence of this species in the clearing footprint.

Hemiandra gardneri (Red Snakebush), Red Snakebush has a similar distribution to Christines Grevillea, a site survey on 18 July 2013 did not identify the presence of this species in the clearing footprint.

Isopogon uncinatus (Hooked-leafed Isopogon), this species is reported from the Albany and Plantagenet Local Government areas and has not been reported in the Jurien location, a site survey on 18 July 2013 did not identify the presence of this species in the clearing footprint.

The project site does not impinge on the National Heritage Place and of the Listed Migratory Species only the Mallee Fowl *Leipoa ocellata* is likely to occur on the project area and none have been identified during operations to date.

The search also identified a number of potentially invasive species. Management of these will be detailed in the Mine Closure Plan.

The 10 km buffer identified a significantly larger range of species as would be expected due to the increased area capturing both sensitive marine and terrestrial environments. The majority of EPBC species listed are marine or migratory species with only those listed above having any potential to be impacted by the project.

Table 2-2 Summary of EPBC Database Results

Buffer	National Heritage Places	Listed Threatened Species	Listed Migratory Species
1km	1	26	28
2km	1	28	28
10km	1	42	33

2.3 Summary

Searches of both the State and National threatened species databases did not identify any species likely to be impacted by clearing for lime sand extraction on M70/307. Five plant species were

identified with limited potential to occur, however no examples were found to be present during a site survey on 18 July 2013.

Should their presence be identified during clearing or mining operations then the footprint will be modified to avoid disturbance. A photo identification package will be provided to the clearing and mining contractors to enable them to identify these species with instructions to stop clearing and notify the Westdeen Holdings management team to enable a management plan to be developed in consultation with the Department of Mines and Petroleum (DMP) and the Department of Parks and Wildlife (DPAW).

3 **References**

Burbidge, Boscacci; 1989 A Spring Reconnaissance Survey of the Flora and Fauna of the Southern Beekeepers Reserve, Technical Report NO 22; Allan H Burbidge and Louise J Boscacci, March 1989. CALM, Perth, WA.

Appendix 1 Results of Naturebase Search

Naturebase Species Reports for 1, 2 and 10km Buffers

NatureMap Species Report

Created By Bill Biggs on 05/07/2013

Current Names Only Yes
 Core Datasets Only Yes
 Method 'By Circle'
 Centre 115°02' 22" E,30°14' 53" S
 Buffer 1km
 Group By Conservation Status

Conservation Status	Species	Records
Non-conservation taxon	17	19
TOTAL	17	19

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Non-conservation taxon				
1.	1409 <i>Anigozanthos humilis</i> (Catspaw)			
2.	34237 <i>Beyeria cinerea</i> subsp. <i>borealis</i>			
3.	5498 <i>Chamelaucium uncinatum</i> (Geraldton Wax)			
4.	10804 <i>Clematis linearifolia</i>			
5.	4809 <i>Cryptandra pungens</i>			
6.	4453 <i>Diplolaena angustifolia</i> (Yanchep Rose)			
7.	15275 <i>Diplolaena obovata</i>			
8.	15838 <i>Grevillea preissii</i> subsp. <i>glabrilimba</i>			
9.	7586 <i>Lechenaultia stenosepala</i> (Narrow-sepaled Leschenaultia)			
10.	6434 <i>Leucopogon polymorphus</i>			
11.	13271 <i>Melaleuca huegelii</i> subsp. <i>huegelii</i>			
12.	8149 <i>Olearia rudis</i> (Rough Daisybush)			
13.	24230 <i>Pseudomys albocinereus</i> (Ash-grey Mouse)			
14.	13181 <i>Scaevola repens</i> var. <i>angustifolia</i>			
15.	24109 <i>Sminthopsis dolichura</i> (Little long-tailed Dunnart)			
16.	2791 <i>Tersonia cyathiflora</i> (Button Creeper)			
17.	4737 <i>Tripterococcus brunonis</i> (Winged Stackhousia)			

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 Bill Biggs on 05/07/2013

Current Names Only Yes
 Core Datasets Only Yes
 Method 'By Circle'
 Centre 115°02' 22" E,30°14' 53" S
 Buffer 2km
 Group By Conservation Status

Conservation Status	Species	Records
Rare or likely to become extinct	1	1
Priority 3	1	1
Non-conservation taxon	46	57
TOTAL	48	59

Name ID	Species Name	Naturalised	Conservation Code	Endemic To Query Area
Rare or likely to become extinct				
1.	1976 <i>Grevillea christineae</i>		T	
Priority 3				
2.	13127 <i>Stylidium maritimum</i>		P3	
Non-conservation taxon				
3.	11611 <i>Acacia lasiocarpa</i> var. <i>lasiocarpa</i>			
4.	1208 <i>Acanthocarpus preissii</i>			
5.	4905 <i>Alyogyne hakeifolia</i>			
6.	1409 <i>Anigozanthos humilis</i> (Catspaw)			
7.	6949 <i>Anthocercis littorea</i> (Yellow Tailflower)			
8.	6210 <i>Apium annuum</i>			
9.	34237 <i>Beyeria cinerea</i> subsp. <i>borealis</i>			
10.	5498 <i>Chamelaucium uncinatum</i> (Geraldton Wax)			
11.	10804 <i>Clematis linearifolia</i>			
12.	11438 <i>Conostylis candicans</i> subsp. <i>candicans</i>			
13.	4809 <i>Cryptandra pungens</i>			
14.	30899 <i>Ctenophorus adelaidensis</i> (Southern Heath Dragon, Western Heath Dragon)			
15.	24881 <i>Ctenophorus maculatus</i> subsp. <i>maculatus</i> (Spotted Military Dragon)			
16.	25039 <i>Ctenopus fallens</i>			
17.	25087 <i>Cyclodomorphus celatus</i>			
18.	4453 <i>Diplolaena angustifolia</i> (Yanchep Rose)			
19.	15275 <i>Diplolaena obovata</i>			
20.	24959 <i>Gehyra variegata</i>			
21.	15838 <i>Grevillea preissii</i> subsp. <i>glabrilimba</i>			
22.	3016 <i>Heliophila pusilla</i>	Y		
23.	12741 <i>Hyalosperma cotula</i>			
24.	7396 <i>Isotoma hypocrateriformis</i> (Woodbridge Poison)			
25.	4958 <i>Lawrenzia spicata</i>			
26.	7586 <i>Lechenaultia stenosepala</i> (Narrow-sepaled Leschenaultia)			
27.	2350 <i>Leptomeria pauciflora</i> (Sparse-flowered Currant Bush)			
28.	6434 <i>Leucopogon polymorphus</i>			
29.	13271 <i>Melaleuca huegelii</i> subsp. <i>huegelii</i>			
30.	24223 <i>Mus musculus</i> (House Mouse)	Y		
31.	7289 <i>Myoporum caprarioides</i> (Slender Myoporum)			
32.	8149 <i>Olearia rudis</i> (Rough Daisybush)			
33.	4675 <i>Phyllanthus calycinus</i> (False Boronia)			
34.	8175 <i>Podolepis gracilis</i> (Slender Podolepis)			
35.	24230 <i>Pseudomys albocinereus</i> (Ash-grey Mouse)			
36.	24243 <i>Rattus fuscipes</i> (Western Bush Rat)			
37.	-17623 <i>Rattus fuscipies</i>			Y
38.	14107 <i>Samolus repens</i> var. <i>paucifolius</i>			
39.	7614 <i>Scaevola globulifera</i>			
40.	13181 <i>Scaevola repens</i> var. <i>angustifolia</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
41.	13152 <i>Scaevola thesioides</i> subsp. <i>thesioides</i>			
42.	997 <i>Schoenus lanatus</i> (Woolly Bog-rush)			
43.	25884 <i>Senecio pinnatifolius</i> var. <i>latilobus</i>			
44.	24109 <i>Sminthopsis dolichura</i> (Little long-tailed Dunnart)			
45.	4733 <i>Stackhousia monogyna</i>			
46.	2791 <i>Tersonia cyathiflora</i> (Button Creeper)			
47.	152 <i>Triglochin trichophora</i>			
48.	4737 <i>Tripterococcus brunonis</i> (Winged Stackhousia)			

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 Bill Biggs on 05/07/2013

Current Names Only Yes
Core Datasets Only Yes
Method 'By Circle'
Centre 115°02' 22" E, 30°14' 53" S
Buffer 10km
Group By Conservation Status

Conservation Status	Species	Records
Rare or likely to become extinct	7	83
Protected under international agreement	11	57
Other specially protected fauna	2	3
Priority 1	1	1
Priority 2	4	7
Priority 3	9	38
Priority 4	12	27
Non-conservation taxon	771	2047
TOTAL	817	2263

Name ID	Species Name	Naturalised	Conservation Code	Endemic To Query Area
Rare or likely to become extinct				
1.	34034 <i>Carcharias taurus</i> (Grey Nurse Shark)		T	
2.	25051 <i>Ctenotus lancelini</i> (Lancelin Island Ctenotus, Lancelin Island Skink)		T	
3.	24043 <i>Eubalaena australis</i> (Southern Right Whale)		T	
4.	1976 <i>Grevillea christineae</i>		T	
5.	41415 <i>Liopholis pulchra</i> subsp. <i>longicauda</i> (Jurien Bay Skink)		T	
6.	24097 <i>Parantechinus apicalis</i> (Dibbler)		T	
7.	24530 <i>Sterna nereis</i> subsp. <i>nereis</i> (Fairy Tern)		T	
Protected under international agreement				
8.	41323 <i>Actitis hypoleucos</i> (Common Sandpiper)		IA	
9.	25560 <i>Ardea sacra</i> (Eastern Reef Egret, Eastern Reef Heron)		IA	
10.	25736 <i>Arenaria interpres</i> (Ruddy Turnstone)		IA	
11.	24780 <i>Calidris alba</i> (Sanderling)		IA	
12.	24788 <i>Calidris ruficollis</i> (Red-necked Stint)		IA	
13.	24293 <i>Haliaeetus leucogaster</i> (White-bellied Sea-Eagle)		IA	
14.	30932 <i>Limosa lapponica</i> (Bar-tailed Godwit)		IA	
15.	25742 <i>Numenius phaeopus</i> (Whimbrel)		IA	
16.	24383 <i>Pluvialis squatarola</i> (Grey Plover)		IA	
17.	24716 <i>Puffinus pacificus</i> (Wedge-tailed Shearwater)		IA	
18.	24523 <i>Sterna caspia</i> (Caspian Tern)		IA	
Other specially protected fauna				
19.	25240 <i>Morelia spilota</i> subsp. <i>imbricata</i> (Carpet Python)		S	
20.	24210 <i>Neophoca cinerea</i> (Australian Sea Lion)		S	
Priority 1				
21.	4542 <i>Tetratheca remota</i>		P1	
Priority 2				
22.	13545 <i>Eucalyptus angularis</i>		P2	
23.	6432 <i>Leucopogon plumuliflorus</i>		P2	
24.	14236 <i>Stenanthemum limitatum</i>		P2	
25.	17266 <i>Thryptomene</i> sp. <i>Lancelin</i> (M.E. Trudgen 14000)		P2	
Priority 3				
26.	3493 <i>Acacia plicata</i>		P3	
27.	34236 <i>Beyeria cinerea</i> subsp. <i>cinerea</i>		P3	
28.	23489 <i>Gompholobium gairdnerianum</i>		P3	
29.	13233 <i>Guichenotia alba</i>		P3	
30.	33976 <i>Hemisaga vepreculae</i> (cricket)		P3	
31.	1292 <i>Hensmania stoniella</i>		P3	
32.	2271 <i>Persoonia rudis</i>		P3	

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
33.	18111 <i>Spergularia nesophila</i>		P3	
34.	13127 <i>Styliidium maritimum</i>		P3	
Priority 4				
35.	24610 <i>Ardeotis australis</i> (Australian Bustard)		P4	
36.	1853 <i>Banksia tricuspis</i> (Pine Banksia)		P4	
37.	24376 <i>Charadrius rubricollis</i> (Hooded Plover)		P4	
38.	12936 <i>Diuris recurva</i>		P4	
39.	2054 <i>Grevillea olivacea</i> (Olive Grevillea)		P4	
40.	2087 <i>Grevillea saccata</i> (Pouched Grevillea)		P4	
41.	3043 <i>Lepidium puberulum</i>		P4	
42.	24180 <i>Macroderma gigas</i> (Ghost Bat)		P4	
43.	24690 <i>Macronectes giganteus</i> (Southern Giant Petrel)		P4	
44.	33992 <i>Synemon gratiosa</i> (Graceful Sunmoth)		P4	
45.	11032 <i>Thelymitra apiculata</i>		P4	
46.	6294 <i>Xanthosia tomentosa</i> (Lesueur Southern Cross)		P4	
Non-conservation taxon				
47.	-13637 ? ?			
48.	15430 <i>Acacia alata</i> var. <i>tetrantha</i>			
49.	14061 <i>Acacia clydonophora</i>			
50.	3282 <i>Acacia cyclops</i> (Coastal Wattle)			
51.	3303 <i>Acacia dilatata</i>			
52.	3409 <i>Acacia lasiocarpa</i> (Panjang)			
53.	11611 <i>Acacia lasiocarpa</i> var. <i>lasiocarpa</i>			
54.	11448 <i>Acacia leptospermoides</i> subsp. <i>leptospermoides</i>			
55.	3525 <i>Acacia rostellifera</i> (Summer-scented Wattle)			
56.	30033 <i>Acacia saligna</i> subsp. <i>lindleyi</i>			
57.	3549 <i>Acacia spathulifolia</i>			
58.	3584 <i>Acacia truncata</i>			
59.	3604 <i>Acacia xanthina</i> (White-stemmed Wattle)			
60.	24559 <i>Acanthagenys rufogularis</i> (Spiny-cheeked Honeyeater)			
61.	24260 <i>Acanthiza apicalis</i> (Broad-tailed Thornbill, Inland Thornbill)			
62.	24261 <i>Acanthiza chrysorrhoa</i> (Yellow-rumped Thornbill)			
63.	1208 <i>Acanthocarpus preissii</i>			
64.	42368 <i>Acritoscincus trilineatus</i>			
65.	11837 <i>Adenanthos cygnorum</i> subsp. <i>cygnorum</i> (Common Woollybush)			
66.	-16078 <i>Alabes occidentalis</i>			
67.	1056 <i>Alexgeorgea nitens</i>			
68.	1732 <i>Allocasuarina humilis</i> (Dwarf Sheoak)			
69.	13908 <i>Allocasuarina lehmanniana</i> subsp. <i>lehmanniana</i>			
70.	4905 <i>Alyogyne hakeifolia</i>			
71.	4906 <i>Alyogyne huegelii</i> (Lilac Hibiscus)			
72.	26454 <i>Amansia serrata</i>			
73.	-12860 <i>Amblyomma triguttatum</i>			
74.	26458 <i>Amphiroa anceps</i>			
75.	13266 <i>Amyema miraculosa</i> subsp. <i>miraculosa</i>			
76.	2383 <i>Amyema preissii</i> (Wireleaf Mistletoe)			
77.	-12397 <i>Aname mainae</i>			
78.	24316 <i>Anas superciliosa</i> (Pacific Black Duck)			
79.	30312 <i>Aneurianna dentata</i>			
80.	7832 <i>Angianthus milnei</i> (Cone-spike Angianthus)			
81.	7836 <i>Angianthus tomentosus</i> (Camel-grass)			
82.	1409 <i>Anigozanthos humilis</i> (Catspaw)			
83.	11434 <i>Anigozanthos humilis</i> subsp. <i>humilis</i>			
84.	11565 <i>Anigozanthos manglesii</i> subsp. <i>quadrans</i>			
85.	11725 <i>Anthocercis ilicifolia</i> subsp. <i>ilicifolia</i>			
86.	6949 <i>Anthocercis littorea</i> (Yellow Tailflower)			
87.	24561 <i>Anthochaera carunculata</i> (Red Wattlebird)			
88.	24599 <i>Anthus australis</i> subsp. <i>australis</i> (Australian Pipit)			
89.	3692 <i>Aotus procumbens</i>			
90.	6210 <i>Apium annuum</i>			
91.	-17034 <i>Aploactisoma milesii</i>			
92.	-14858 <i>Apogon cookii</i>			
93.	-16113 <i>Apogon victoriae</i>			
94.	7839 <i>Arctotheca populifolia</i> (Dune Arctotheca)	Y		
95.	26484 <i>Areschougia ligulata</i>			
96.	1264 <i>Arnocrinum preissii</i>			
97.	25566 <i>Artamus cinereus</i> (Black-faced Woodswallow)			
98.	24353 <i>Artamus cyanopterus</i> (Dusky Woodswallow)			
99.	26486 <i>Asparagopsis taxiformis</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
100.	-17058 <i>Aspasmogaster occidentalis</i>			
101.	1364 <i>Asphodelus fistulosus</i> (Onion Weed)	Y		
102.	7851 <i>Asteridea pulverulenta</i> (Common Bristle Daisy)			
103.	36140 <i>Asteromenia exanimans</i>			
104.	6332 <i>Astroloma microdonta</i> (Sandplain Cranberry)			
105.	-13600 <i>Atherinomorus vaigiensis</i>			
106.	2450 <i>Atriplex amnicola</i> (Swamp Saltbush)			
107.	2452 <i>Atriplex cinerea</i> (Grey Saltbush)			
108.	-17310 <i>Aulohalaelurus labiosus</i>			
109.	-17307 <i>Austrolabrus maculatus</i>			
110.	17234 <i>Austrostipa compressa</i>			
111.	17235 <i>Austrostipa crinita</i>			
112.	17237 <i>Austrostipa elegantissima</i>			
113.	17240 <i>Austrostipa flavescens</i>			
114.	17245 <i>Austrostipa mollis</i>			
115.	233 <i>Avena barbata</i> (Bearded Oat)	Y		
116.	1809 <i>Banksia candolleana</i> (Propeller Banksia)			
117.	32580 <i>Banksia dallanneyi</i> var. <i>dallanneyi</i>			
118.	32519 <i>Banksia glaucifolia</i>			
119.	1828 <i>Banksia leptophylla</i>			
120.	1835 <i>Banksia micrantha</i>			
121.	1842 <i>Banksia prionotes</i> (Acorn Banksia)			
122.	32077 <i>Banksia sessilis</i> var. <i>cygnorum</i>			
123.	12111 <i>Banksia sphaerocarpa</i> var. <i>sphaerocarpa</i> (Fox Banksia)			
124.	32042 <i>Banksia strictifolia</i>			
125.	-15169 <i>Barbuligobius boehlkei</i>			
126.	5393 <i>Beaufortia squarrosa</i> (Sand Bottlebrush, Puno)			
127.	-14861 <i>Beliops xanthokrossos</i>			
128.	4594 <i>Beyeria cinerea</i>			
129.	34237 <i>Beyeria cinerea</i> subsp. <i>borealis</i>			
130.	1417 <i>Blancoa canescens</i> (Winter Bell)			
131.	-13581 <i>Bodianus frenchii</i>			
132.	26511 <i>Bornetia binderiana</i>			
133.	4438 <i>Boronia ramosa</i>			
134.	11381 <i>Boronia ramosa</i> subsp. <i>anethifolia</i>			
135.	3710 <i>Bossiaea eriocarpa</i> (Common Brown Pea)			
136.	-17123 <i>Bostockia porosa</i>			
137.	26516 <i>Botryocladia leptopoda</i>			
138.	7867 <i>Brachyscome bellidioides</i>			
139.	7878 <i>Brachyscome iberidifolia</i>			
140.	42380 <i>Brachyurophis fasciolatus</i> subsp. <i>fasciolatus</i>			
141.	3000 <i>Brassica tournefortii</i> (Mediterranean Turnip)	Y		
142.	244 <i>Briza maxima</i> (Blowfly Grass)	Y		
143.	247 <i>Bromus arenarius</i> (Sand Brome)			
144.	249 <i>Bromus diandrus</i> (Great Brome)	Y		
145.	12770 <i>Burchardia congesta</i>			
146.	1385 <i>Burchardia multiflora</i> (Dwarf Burchardia)			
147.	3002 <i>Cakile maritima</i> (Sea Rocket)	Y		
148.	15348 <i>Caladenia flava</i> subsp. <i>flava</i>			
149.	15360 <i>Caladenia longicauda</i> subsp. <i>borealis</i>			
150.	24269 <i>Calamanthus campestris</i> (Rufous Fieldwren)			
151.	2848 <i>Calandrinia corrigioloides</i> (Strap Purslane)			
152.	34418 <i>Calandrinia</i> sp. Two Rocks (K. Richardson 211)			
153.	36520 <i>Callitris acuminata</i> (Dwarf Cypress)			
154.	36560 <i>Callitris arenaria</i> (Sandplain Cypress)			
155.	36600 <i>Callitris pyramidalis</i> (Swamp Cypress)			
156.	-14669 <i>Callogobius depressus</i>			
157.	-13856 <i>Callogobius</i> sp.13			
158.	-15726 <i>Callogobius</i> sp.6			
159.	26533 <i>Callophycus costatus</i>			
160.	26534 <i>Callophycus dorsifer</i>			
161.	26536 <i>Callophycus oppositifolius</i>			
162.	5426 <i>Calothamnus quadrifidus</i> (One-sided Bottlebrush, Kwowdjard)			
163.	35816 <i>Calothamnus quadrifidus</i> subsp. <i>quadrifidus</i>			
164.	5429 <i>Calothamnus sanguineus</i> (Silky-leaved Blood flower, Pindak)			
165.	7902 <i>Calotis erinacea</i> (Tangled Burr-daisy)			
166.	5441 <i>Calytrix aurea</i>			
167.	5479 <i>Calytrix strigosa</i>			
168.	2798 <i>Carpobrotus virescens</i> (Coastal Pigface, Kolboko)			
169.	26549 <i>Carpothamnion gunnianum</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
170.	2957 <i>Cassytha racemosa</i> (Dodder Laurel)			
171.	11799 <i>Cassytha racemosa forma racemosa</i>			
172.	13685 <i>Catapodium rigidum</i> (Rigid Fescue)	Y		
173.	26556 <i>Caulerpa cactoides</i>			
174.	27380 <i>Caulerpa flexilis</i> var. <i>muelleri</i>			
175.	26578 <i>Caulerpa simpliciuscula</i>			
176.	26586 <i>Caulocystis uvifera</i>			
177.	26599 <i>Ceramium puberulum</i>			
178.	13489 <i>Cerastium pumilum</i>	Y		
179.	17685 <i>Chaetanthus aristatus</i>			
180.	24186 <i>Chalinolobus gouldii</i> (Gould's Wattled Bat)			
181.	24187 <i>Chalinolobus morio</i> (Chocolate Wattled Bat)			
182.	5498 <i>Chamelaucium uncinatum</i> (Geraldton Wax)			
183.	26621 <i>Champia zostericola</i>			
184.	24377 <i>Charadrius ruficapillus</i> (Red-capped Plover)			
185.	26622 <i>Chauviniella coriifolia</i>			
186.	-16171 <i>Cheilodactylus rubrolabiatus</i>			
187.	-16995 <i>Chelmonops curiosus</i>			
188.	-13912 <i>Choeroichthys suillus</i>			
189.	26632 <i>Chondria curdieana</i>			
190.	26633 <i>Chondria dangardii</i>			
191.	26641 <i>Chondria succulenta</i>			Y
192.	8971 <i>Chorizema cordatum</i>			
193.	24980 <i>Christinus marmoratus</i> (Marbled Gecko)			
194.	-17027 <i>Cirripectes hutchinsi</i>			
195.	26659 <i>Cladophora valonioides</i>			
196.	26663 <i>Cladurus elatus</i>			
197.	26665 <i>Claviconium ovatum</i>			
198.	10804 <i>Clematis linearifolia</i>			
199.	26672 <i>Codium galeatum</i>			
200.	26677 <i>Codium mamillosum</i>			
201.	26683 <i>Codium spongiosum</i>			
202.	26688 <i>Coeloclonium tasmanicum</i>			
203.	25675 <i>Colluricincla harmonica</i> (Grey Shrike-thrush)			
204.	26694 <i>Colpomenia sinuosa</i>			
205.	4549 <i>Comesperma acerosum</i>			
206.	4550 <i>Comesperma calymega</i> (Blue-spike Milkwort)			
207.	4552 <i>Comesperma confertum</i>			
208.	4555 <i>Comesperma integerrimum</i>			
209.	-17522 <i>Conger wilsoni</i>			
210.	15511 <i>Conospermum boreale</i>			
211.	1864 <i>Conospermum crassinervium</i> (Summer Smokebush)			
212.	1878 <i>Conospermum nervosum</i>			
213.	1882 <i>Conospermum stoechadis</i> (Common Smokebush)			
214.	15611 <i>Conospermum stoechadis</i> subsp. <i>stoechadis</i> (Common Smokebush)			
215.	6348 <i>Conostephium pendulum</i> (Pearl Flower)			
216.	6349 <i>Conostephium preissii</i>			
217.	1423 <i>Conostylis aurea</i> (Golden Conostylis)			
218.	1427 <i>Conostylis candicans</i> (Grey Cottonhead)			
219.	12027 <i>Conostylis candicans</i> subsp. <i>calcicola</i>			
220.	11438 <i>Conostylis candicans</i> subsp. <i>candicans</i>			
221.	11515 <i>Conostylis candicans</i> subsp. <i>procumbens</i>			
222.	11773 <i>Conostylis crassinervia</i> subsp. <i>absens</i>			
223.	11870 <i>Conostylis teretifolia</i> subsp. <i>teretifolia</i>			
224.	7939 <i>Conyza bonariensis</i> (Flaxleaf Fleabane)	Y		
225.	25568 <i>Coracina novaehollandiae</i> (Black-faced Cuckoo-shrike)			
226.	-14570 <i>Coris auricularis</i>			
227.	25592 <i>Corvus coronoides</i> (Australian Raven)			
228.	11283 <i>Corynotheca micrantha</i> var. <i>micrantha</i>			
229.	7946 <i>Cotula cotuloides</i> (Smooth Cotula)			
230.	25595 <i>Cracticus tibicen</i> (Australian Magpie)			
231.	25596 <i>Cracticus torquatus</i> (Grey Butcherbird)			
232.	26701 <i>Craspedocarpus blepharicarpus</i>			
233.	3137 <i>Crassula colorata</i> (Dense Stonecrop)			
234.	11563 <i>Crassula colorata</i> var. <i>colorata</i>			
235.	3140 <i>Crassula glomerata</i>	Y		
236.	24918 <i>Crenadactylus ocellatus</i> subsp. <i>ocellatus</i> (Clawless Gecko)			
237.	4809 <i>Cryptandra pungens</i>			
238.	4810 <i>Cryptandra scoparia</i>			
239.	30893 <i>Cryptoblepharus buchananii</i>			

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240.	26709 <i>Cryptonemia undulata</i>			
241.	30899 <i>Ctenophorus adelaidensis</i> (Southern Heath Dragon, Western Heath Dragon)			
242.	24881 <i>Ctenophorus maculatus</i> subsp. <i>maculatus</i> (Spotted Military Dragon)			
243.	25027 <i>Ctenotus australis</i>			
244.	25039 <i>Ctenotus fallens</i>			
245.	26712 <i>Curdiea obesa</i>			
246.	25087 <i>Cyclodomorphus celatus</i>			
247.	283 <i>Cynodon dactylon</i> (Couch)	Y		
248.	26731 <i>Cystoseira trinodis</i>			
249.	7428 <i>Dampiera coronata</i> (Wedge-leaved Dampiera)			
250.	7482 <i>Dampiera teres</i> (Terete-leaved Dampiera)			
251.	25673 <i>Daphoenositta chrysoptera</i> (Varied Sittella)			
252.	5511 <i>Darwinia helichrysoides</i>			
253.	5528 <i>Darwinia sanguinea</i>			
254.	5529 <i>Darwinia speciosa</i>			
255.	26735 <i>Dasya cliffonii</i>			
256.	26738 <i>Dasya elongata</i>			
257.	26753 <i>Dasyphila preissii</i>			
258.	1220 <i>Dasyogon obliquifolius</i>			
259.	6218 <i>Daucus glochidiatus</i> (Australian Carrot)			
260.	3793 <i>Daviesia angulata</i>			
261.	18560 <i>Daviesia divaricata</i> subsp. <i>divaricata</i>			
262.	3833 <i>Daviesia podophylla</i>			
263.	3834 <i>Daviesia polyphylla</i>			
264.	25766 <i>Delma fraseri</i> (Fraser's Legless Lizard)			
265.	24999 <i>Delma grayii</i>			
266.	25296 <i>Demansia psammophis</i> subsp. <i>reticulata</i> (Yellow-faced Whipsnake)			
267.	17663 <i>Desmocladus asper</i>			
268.	25607 <i>Dicaeum hirundinaceum</i> (Mistletoebird)			
269.	29615 <i>Dichotomaria obtusata</i>			
270.	26758 <i>Dicranema revolutum</i>			
271.	26762 <i>Dictyomenia sonderi</i>			
272.	26763 <i>Dictyomenia tridens</i>			
273.	26766 <i>Dictyopteris muelleri</i>			
274.	26767 <i>Dictyopteris plagiogramma</i>			
275.	29537 <i>Dictyota fastigiata</i>			
276.	29939 <i>Dictyota moniliformis</i>			
277.	35216 <i>Dictyota paniculata</i>			
278.	35223 <i>Dictyota polyclada</i>			
279.	29536 <i>Dictyota robusta</i>			
280.	-14379 <i>Diodon nichthemerus</i>			
281.	24938 <i>Diplodactylus ornatus</i>			
282.	24939 <i>Diplodactylus polyophthalmus</i>			
283.	4453 <i>Diplolaena angustifolia</i> (Yanchep Rose)			
284.	4455 <i>Diplolaena ferruginea</i>			
285.	15273 <i>Diplolaena leemaniana</i>			
286.	15275 <i>Diplolaena obovata</i>			
287.	18541 <i>Diplopeltis huegelii</i> subsp. <i>huegelii</i>			
288.	3011 <i>Diplotaxis muralis</i> (Wall Rocket)	Y		
289.	-15942 <i>Dipulus caecus</i>			
290.	-15930 <i>Dipulus hutchinsi</i>			
291.	7054 <i>Dischisma arenarium</i>	Y		
292.	19457 <i>Diuris</i> sp. <i>Eneabba</i> (A.H. Burbidge 3941)			
293.	4754 <i>Dodonaea aptera</i> (Coast Hop-bush)			
294.	4761 <i>Dodonaea ericoides</i>			
295.	26797 <i>Drewiana nitella</i>			
296.	24470 <i>Dromaius novaehollandiae</i> (Emu)			
297.	3090 <i>Drosera barbigera</i>			
298.	13201 <i>Drosera eneabba</i>			
299.	3095 <i>Drosera erythrorhiza</i> (Red Ink Sundew)			
300.	15453 <i>Drosera gigantea</i> subsp. <i>gigantea</i>			
301.	8910 <i>Drosera humilis</i>			
302.	13216 <i>Drosera menziesii</i> subsp. <i>penicillaris</i>			
303.	3118 <i>Drosera pallida</i> (Pale Rainbow)			
304.	29178 <i>Drosera porrecta</i>			
305.	25251 <i>Echiopsis curta</i> (Bardick)			
306.	25096 <i>Egernia kingii</i> (King's Skink)			
307.	25100 <i>Egernia napoleonis</i>			
308.	349 <i>Ehrharta longiflora</i> (Annual Veldt Grass)	Y		
309.	351 <i>Ehrharta villosa</i> (Pyp Grass)	Y		

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
310.	26810 <i>Encyothalia cliftonii</i>			
311.	24652 <i>Eopsaltria georgiana</i> (White-breasted Robin)			
312.	-17024 <i>Epinephelides armatus</i>			
313.	24567 <i>Epthianura albifrons</i> (White-fronted Chat)			
314.	5537 <i>Eremaea beaufortioides</i>			
315.	5540 <i>Eremaea fimbriata</i>			
316.	14103 <i>Eremaea pauciflora</i> var. <i>calyptra</i>			
317.	5543 <i>Eremaea violacea</i> (Violet Eremaea)			
318.	17175 <i>Eremophila glabra</i> subsp. <i>albicans</i>			
319.	14376 <i>Erymophyllum ramosum</i> subsp. <i>involucratum</i>			
320.	29618 <i>Erythroclonium angustatum</i>			
321.	5545 <i>Eucalyptus accedens</i> (Powderbark Wandoo)			
322.	5649 <i>Eucalyptus foecunda</i> (Narrow-leaved Red Mallee)			
323.	5658 <i>Eucalyptus gittinsii</i> (Northern Sandplain Mallee)			
324.	5722 <i>Eucalyptus obtusiflora</i> (Dongara Mallee)			
325.	19815 <i>Eucalyptus obtusiflora</i> subsp. <i>dongarraensis</i>			
326.	13541 <i>Eucalyptus petrensis</i>			
327.	5763 <i>Eucalyptus rudis</i> (Flooded Gum, Kulurda)			
328.	5790 <i>Eucalyptus todtiana</i> (Coastal Blackbutt)			
329.	12905 <i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>			
330.	15137 <i>Euchiton sphaericus</i>			
331.	26629 <i>Euptilocladia spongiosa</i>			
332.	26830 <i>Euptilota articulata</i>			
333.	-17032 <i>Eviota bimaculata</i>			
334.	10765 <i>Exocarpos sparteus</i> (Broom Ballart, Djuk)			
335.	25621 <i>Falco berigora</i> (Brown Falcon)			
336.	25622 <i>Falco cenchroides</i> (Australian Kestrel)			
337.	25623 <i>Falco longipennis</i> (Australian Hobby)			
338.	24041 <i>Felis catus</i> (Cat)	Y		
339.	-17534 <i>Fistularia petimba</i>			
340.	24688 <i>Fulmarus glacialisoides</i> (Southern Fulmar)			
341.	907 <i>Gahnia trifida</i> (Coast Saw-sedge)			
342.	26835 <i>Galaxaura rugosa</i>			
343.	34028 <i>Galaxias occidentalis</i> (Western Minnow)			
344.	17348 <i>Galium aparine</i> (Goosegrass)	Y		
345.	7323 <i>Galium murale</i> (Small Goosegrass)	Y		
346.	24765 <i>Gallirallus philippensis</i> subsp. <i>mellori</i> (Buff-banded Rail)			
347.	3894 <i>Gastrolobium callistachys</i> (Rock Poison)			
348.	20483 <i>Gastrolobium linearifolium</i>			
349.	24959 <i>Gehyra variegata</i>			
350.	4483 <i>Geleznovia verrucosa</i>			
351.	26848 <i>Gelidium crinale</i>			
352.	26850 <i>Gelinaria ulvoidea</i>			
353.	-17238 <i>Genus A sp. 2</i>			
354.	18404 <i>Georgeantha hexandra</i>			
355.	25530 <i>Gerygone fusca</i> (Western Gerygone)			
356.	26854 <i>Gigartina disticha</i>			
357.	26859 <i>Gloiocladia australe</i>			
358.	3950 <i>Gompholobium knightianum</i>			
359.	3955 <i>Gompholobium preissii</i>			
360.	3957 <i>Gompholobium tomentosum</i> (Hairy Yellow Pea)			
361.	12516 <i>Goodenia convexa</i>			
362.	19286 <i>Goodenia pulchella</i> subsp. <i>Coastal Plain A (M. Hislop 634)</i>			
363.	26868 <i>Gracilaria cliftonii</i>			
364.	26872 <i>Gracilaria preissiana</i>			
365.	24443 <i>Grallina cyanoleuca</i> (Magpie-lark)			
366.	15763 <i>Grevillea biformis</i> subsp. <i>biformis</i>			
367.	15838 <i>Grevillea preissii</i> subsp. <i>glabrilimba</i>			
368.	5012 <i>Guichenotia macrantha</i> (Large-flowered Guichenotia)			
369.	-16020 <i>Gymnothorax prasinus</i>			
370.	-14151 <i>Gymnothorax woodwardi</i>			
371.	25627 <i>Haematopus fuliginosus</i> (Sooty Oystercatcher)			
372.	24487 <i>Haematopus longirostris</i> (Pied Oystercatcher)			
373.	1465 <i>Haemodorum discolor</i>			
374.	1473 <i>Haemodorum simulans</i>			
375.	1475 <i>Haemodorum spicatum</i> (Mardja)			
376.	2136 <i>Hakea candolleana</i>			
377.	2146 <i>Hakea costata</i> (Ribbed Hakea)			
378.	16908 <i>Hakea eneabba</i>			
379.	2161 <i>Hakea flabellifolia</i> (Fan-leaved Hakea)			

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380.	2166 <i>Hakea incrassata</i> (Marble Hakea)			
381.	2175 <i>Hakea lissocarpha</i> (Honey Bush)			
382.	13336 <i>Hakea obliqua</i> subsp. <i>parviflora</i>			
383.	2197 <i>Hakea prostrata</i> (Harsh Hakea)			
384.	-16319 <i>Halicampus brocki</i>			
385.	-14408 <i>Halichoeres brownfieldi</i>			
386.	13141 <i>Haliptilon roseum</i>			
387.	26900 <i>Haloplegma preissii</i>			
388.	26911 <i>Haraldiophyllum erosum</i>			
389.	3961 <i>Hardenbergia comptoniana</i> (Native Wisteria)			
390.	-14350 <i>Helcogramma decurrens</i>			
391.	25410 <i>Heleioporus eyrei</i> (Moaning Frog)			
392.	8008 <i>Helianthus annuus</i> (Sunflower)	Y		
393.	3016 <i>Heliophila pusilla</i>	Y		
394.	26913 <i>Helminthora australis</i>			
395.	16933 <i>Hemiandra glabra</i>			
396.	16934 <i>Hemiandra glabra</i> subsp. <i>glabra</i>			
397.	6839 <i>Hemiandra pungens</i> (Snakebush)			
398.	25119 <i>Hemiergis quadrilineata</i>			
399.	41020 <i>Hemiphora bartlingii</i> (Woolly Dragon)			
400.	26915 <i>Hennedya crispa</i>			
401.	26919 <i>Herposiphonia rostrata</i>			
402.	26922 <i>Herposiphonia versicolor</i>			
403.	-17102 <i>Heteroclinus adelaidae</i>			
404.	-15981 <i>Heteroclinus roseus</i>			
405.	-17145 <i>Heteroclinus whiteleyi</i> (ms)			
406.	-15985 <i>Heterodontus portusjacksoni</i>			
407.	26936 <i>Heterosiphonia muelleri</i>			
408.	5135 <i>Hibbertia hypericoides</i> (Yellow Buttercups)			
409.	5162 <i>Hibbertia racemosa</i> (Stalked Guinea Flower)			
410.	5171 <i>Hibbertia spicata</i>			
411.	24491 <i>Hirundo neoxena</i> (Welcome Swallow)			
412.	-16889 <i>Histiogamphelus cristatus</i>			
413.	26946 <i>Hormophysa cuneiformis</i>			
414.	18137 <i>Hornungia procumbens</i>	Y		
415.	3966 <i>Hovea pungens</i> (Devil's Pins, Puyenak)			
416.	3967 <i>Hovea stricta</i>			
417.	12741 <i>Hyalosperma cotula</i>			
418.	5216 <i>Hybanthus calycinus</i> (Wild Violet)			
419.	15553 <i>Hybanthus floribundus</i> subsp. <i>Hill River</i> (E.M. Bennett 2252)			
420.	26949 <i>Hydroclathrus clathratus</i>			
421.	26966 <i>Hypnea charoides</i>			
422.	35898 <i>Hypnea musciformis</i>			
423.	26973 <i>Hypnea valentiae</i>			
424.	5829 <i>Hypocalymma xanthopetalum</i>			
425.	8086 <i>Hypochaeris glabra</i> (Smooth Catsear)	Y		
426.	-16478 <i>Hypoplectrodes wilsoni</i>			
427.	1500 <i>Hypoxis glabella</i> (Tiny Star)			
428.	917 <i>Isolepis marginata</i> (Coarse Club-rush)	Y		
429.	-11514 <i>Isometroides vescus</i>			
430.	2219 <i>Isopogon adenanthoides</i> (Spider Coneflower)			
431.	7396 <i>Isotoma hypocrateriformis</i> (Woodbridge Poison)			
432.	19700 <i>Isotropis cuneifolia</i> subsp. <i>cuneifolia</i>			
433.	14783 <i>Jacksonia calcicola</i>			
434.	4010 <i>Jacksonia floribunda</i> (Holly Pea)			
435.	4015 <i>Jacksonia hakeoides</i>			
436.	4029 <i>Jacksonia sternbergiana</i> (Stinkwood, Kapur)			
437.	19632 <i>Johnsonia pubescens</i> subsp. <i>pubescens</i>			
438.	4044 <i>Kennedia prostrata</i> (Scarlet Runner)			
439.	26994 <i>Kuetzingia angusta</i>			
440.	26995 <i>Kuetzingia canaliculata</i>			
441.	-15998 <i>Kyphosus cornelii</i>			
442.	-17365 <i>Kyphosus gladius</i> MS			
443.	-16369 <i>Kyphosus sydneyanus</i>			
444.	3664 <i>Labichea cassioides</i>			
445.	-15973 <i>Labracinus lineatus</i>			
446.	20019 <i>Lachnagrostis filiformis</i>			
447.	-14827 <i>Lactoria concatenatus</i>			
448.	-17349 <i>Laiphognathus multimaculatus</i>			
449.	24510 <i>Larus dominicanus</i> (Kelp Gull)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
450.	24511 <i>Larus novaehollandiae</i> subsp. <i>novaehollandiae</i> (Silver Gull)			
451.	25638 <i>Larus pacificus</i> (Pacific Gull)			
452.	5031 <i>Lasiopetalum drummondii</i>			
453.	36660 <i>Lasiopetalum</i> sp. Mount Lesueur (E.A. Griffin 1997)			
454.	26998 <i>Laurencia brongniartii</i>			
455.	26999 <i>Laurencia clavata</i>			
456.	27001 <i>Laurencia filiformis</i>			
457.	4958 <i>Lawrencia spicata</i>			
458.	1305 <i>Laxmannia omnifertilis</i>			
459.	11679 <i>Laxmannia sessiliflora</i> subsp. <i>drummondii</i>			
460.	27808 <i>Lecanora lividocinerea</i>			Y
461.	29390 <i>Lecanora symmicta</i>			Y
462.	7577 <i>Lechenaultia hirsuta</i> (Hairy Leschenaultia)			
463.	7580 <i>Lechenaultia linarioides</i> (Yellow Leschenaultia)			
464.	7586 <i>Lechenaultia stenosepala</i> (Narrow-sepaled Leschenaultia)			
465.	27011 <i>Lenormandia latifolia</i>			
466.	27012 <i>Lenormandia pardalis</i>			
467.	27013 <i>Lenormandia spectabilis</i>			
468.	3027 <i>Lepidium foliosum</i> (Leafy Peppergrass)			
469.	3030 <i>Lepidium lyratogynum</i>			
470.	1075 <i>Lepidobolus preissianus</i>			
471.	933 <i>Lepidosperma gladiatum</i> (Coast Sword-sedge, Kerbin)			
472.	944 <i>Lepidosperma scabrum</i>			
473.	36060 <i>Lepidosperma</i> sp. Coastal Dunes (R.J. Cranfield 9963)			
474.	2350 <i>Leptomeria pauciflora</i> (Sparse-flowered Currant Bush)			
475.	2352 <i>Leptomeria preissiana</i>			
476.	17852 <i>Leptorhynchus scaber</i> (Lanky Buttons)			
477.	-15850 <i>Leptoscarus</i> sp.			Y
478.	27015 <i>Leptosomia rosea</i>			
479.	5857 <i>Leptospermum spinescens</i>			
480.	25148 <i>Lerista lineopunctulata</i>			
481.	25160 <i>Lerista planiventralis</i> subsp. <i>decora</i>			
482.	25165 <i>Lerista praepedita</i>			
483.	6370 <i>Leucopogon cochlearifolius</i>			
484.	6374 <i>Leucopogon conostephioides</i>			
485.	6427 <i>Leucopogon parviflorus</i> (Coast Beard-heath)			
486.	6434 <i>Leucopogon polymorphus</i>			
487.	25005 <i>Lialis burtonis</i>			
488.	25661 <i>Lichmera indistincta</i> (Brown Honeyeater)			
489.	25415 <i>Limnodynastes dorsalis</i> (Western Banjo Frog)			
490.	41413 <i>Liopholis multiscutata</i> (Bull Skink)			
491.	478 <i>Lolium rigidum</i> (Wimmera Ryegrass)	Y		
492.	11073 <i>Lolium x hybridum</i>	Y		
493.	1231 <i>Lomandra maritima</i>			
494.	1239 <i>Lomandra preissii</i>			
495.	-14395 <i>Lotella rhacinus</i>			
496.	42414 <i>Lucasium alboguttatum</i>			
497.	34736 <i>Lysinema pentapetalum</i>			
498.	2838 <i>Macarthuria apetala</i>			
499.	2839 <i>Macarthuria australis</i>			
500.	1477 <i>Macropidia fuliginosa</i> (Black Kangaroo Paw)			
501.	24132 <i>Macropus fuliginosus</i> (Western Grey Kangaroo)			
502.	24135 <i>Macropus robustus</i> subsp. <i>erubescens</i> (Euro, Biggada)			
503.	25651 <i>Malurus lamberti</i> (Variegated Fairy-wren)			
504.	25652 <i>Malurus leucopterus</i> (White-winged Fairy-wren)			
505.	24551 <i>Malurus pulcherrimus</i> (Blue-breasted Fairy-wren)			
506.	25654 <i>Malurus splendens</i> (Splendid Fairy-wren)			
507.	31351 <i>Malva preissiana</i>			
508.	13271 <i>Melaleuca huegelii</i> subsp. <i>huegelii</i>			
509.	5930 <i>Melaleuca leiopyxis</i>			
510.	18112 <i>Melaleuca leuopoma</i>			
511.	5949 <i>Melaleuca platycalyx</i>			
512.	5959 <i>Melaleuca raphiophylla</i> (Swamp Paperbark)			
513.	18598 <i>Melaleuca systema</i>			
514.	5983 <i>Melaleuca trichophylla</i>			
515.	5986 <i>Melaleuca urceolaris</i>			
516.	25184 <i>Menetia greyii</i>			
517.	955 <i>Mesomelaena pseudostygia</i>			
518.	27067 <i>Metagoniolithon chara</i>			
519.	27070 <i>Metamastophora flabellata</i>			

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520.	485 <i>Microlaena stipoides</i> (Weeping Grass)			
521.	8105 <i>Millotia myosotidifolia</i>			
522.	4100 <i>Mirbelia spinosa</i>			
523.	25191 <i>Morethia lineocellata</i>			
524.	25192 <i>Morethia obscura</i>			
525.	-17304 <i>Muraenichthys</i> sp.			
526.	24223 <i>Mus musculus</i> (House Mouse)	Y		
527.	27080 <i>Mychodea disticha</i>			
528.	7289 <i>Myoporum caprarioides</i> (Slender Myoporum)			
529.	7291 <i>Myoporum insulare</i> (Blueberry Tree, boobialla)			
530.	27090 <i>Myriodesma quercifolium</i>			
531.	-17076 <i>Nannocampus subosseus</i>			
532.	-14844 <i>Nectamia fusca</i>			
533.	25426 <i>Neobatrachus pelobatooides</i> (Humming Frog)			
534.	24739 <i>Neophema petrophila</i> (Rock Parrot)			
535.	27100 <i>Neurymenia fraxinifolia</i>			
536.	11327 <i>Nicotiana occidentalis</i> subsp. <i>hesperis</i>			
537.	25748 <i>Ninox novaeseelandiae</i> (Boobook Owl)			
538.	27103 <i>Nizyenia conferta</i>			
539.	27104 <i>Nizyenia furcata</i>			
540.	-15933 <i>Norfolkia brachylepis</i>			
541.	-15971 <i>Notolabus parilus</i>			
542.	2401 <i>Nuytsia floribunda</i> (Christmas Tree, Mudja)			
543.	24194 <i>Nyctophilus geoffroyi</i> (Lesser Long-eared Bat)			
544.	24495 <i>Oceanites marinus</i> subsp. <i>dulciae</i> (White-faced Storm Petrel)			
545.	24407 <i>Ocyphaps lophotes</i> (Crested Pigeon)			
546.	-17010 <i>Odax acroptilus</i>			
547.	-15144 <i>Odax cyanomelas</i>			
548.	16390 <i>Oenothera drummondii</i> subsp. <i>drummondii</i>	Y		
549.	14292 <i>Oenothera stricta</i> subsp. <i>stricta</i>	Y		
550.	2365 <i>Olex benthamiana</i>			
551.	8149 <i>Olearia rudis</i> (Rough Daisybush)			
552.	18255 <i>Opercularia vaginata</i> (Dog Weed)			
553.	-15993 <i>Ophiclinus gracilis</i>			
554.	7122 <i>Orobancha minor</i> (Lesser Broomrape)	Y		
555.	4355 <i>Oxalis perennans</i>			
556.	25679 <i>Pachycephala pectoralis</i> (Golden Whistler)			
557.	25680 <i>Pachycephala rufiventris</i> (Rufous Whistler)			
558.	27116 <i>Padina elegans</i>			
559.	27118 <i>Padina sanctae-crucis</i>			
560.	25543 <i>Pandion haliaetus</i> (Osprey)			
561.	24299 <i>Pandion haliaetus</i> subsp. <i>cristatus</i> (Osprey)			
562.	-16094 <i>Parablennius postocolomaculatus</i>			
563.	-17143 <i>Parapercis haackei</i>			
564.	516 <i>Parapholis incurva</i> (Coast Barbgrass)	Y		
565.	-14880 <i>Paraplesiops meleagris</i>			
566.	-13513 <i>Paraplotosus albilabris</i>			
567.	25253 <i>Parasuta gouldii</i>			
568.	25682 <i>Pardalotus striatus</i> (Striated Pardalote)			
569.	1762 <i>Parietaria debilis</i> (Pellitory)			
570.	-17166 <i>Parma mccullochi</i>			
571.	-14958 <i>Parma occidentalis</i>			
572.	-14381 <i>Parupeneus spilurus</i>			
573.	-15058 <i>Parvicrepis</i> ?			
574.	-14394 <i>Parvicrepis</i> sp.			
575.	1550 <i>Patersonia occidentalis</i> (Purple Flag, Koma)			
576.	24648 <i>Pelecanus conspicillatus</i> (Australian Pelican)			
577.	-13703 <i>Pempheris analis</i>			
578.	-14600 <i>Pempheris klunzingeri</i>			
579.	-16116 <i>Pempheris multiradiata</i>			
580.	27121 <i>Penicillus nodulosus</i>			
581.	20368 <i>Petrophile axillaris</i>			
582.	2286 <i>Petrophile brevifolia</i>			
583.	2301 <i>Petrophile macrostachya</i>			
584.	2309 <i>Petrophile serruriae</i>			
585.	27129 <i>Peyssonnelia novae-hollandiae</i>			
586.	27131 <i>Phacelocarpus alatus</i>			
587.	27133 <i>Phacelocarpus labillardieri</i>			
588.	25697 <i>Phalacrocorax carbo</i> (Great Cormorant)			
589.	25698 <i>Phalacrocorax melanoleucus</i> (Little Pied Cormorant)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
590.	24667 <i>Phalacrocorax sulcirostris</i> (Little Black Cormorant)			
591.	25699 <i>Phalacrocorax varius</i> (Pied Cormorant)			
592.	24409 <i>Phaps chalcoptera</i> (Common Bronzewing)			
593.	25587 <i>Phaps elegans</i> (Brush Bronzewing)			
594.	18529 <i>Philotheca spicata</i> (Pepper and Salt)			
595.	1479 <i>Phlebocarya filifolia</i>			
596.	4675 <i>Phyllanthus calycinus</i> (False Boronia)			
597.	-16479 <i>Phyllophichthus macrurus</i>			
598.	27974 <i>Physcia poncinsii</i>			
599.	-14180 <i>Pictilabrus laticlavus</i>			
600.	5231 <i>Pimelea angustifolia</i> (Narrow-leaved Pimelea)			
601.	5232 <i>Pimelea argentea</i> (Silvery Leaved Pimelea)			
602.	5243 <i>Pimelea ferruginea</i>			
603.	5244 <i>Pimelea floribunda</i>			
604.	5246 <i>Pimelea gilgiana</i>			
605.	11402 <i>Pimelea imbricata</i> var. <i>piliger</i>			
606.	5268 <i>Pimelea sulphurea</i> (Yellow Banjine)			
607.	42281 <i>Pithocarpa cordata</i>			
608.	18353 <i>Pithocarpa pulchella</i> var. <i>pulchella</i>			
609.	7302 <i>Plantago hispida</i>			
610.	-14874 <i>Platycephalus speculator</i>			
611.	24751 <i>Platycercus zonarius</i> subsp. <i>zonarius</i> (Port Lincoln Parrot)			
612.	6262 <i>Platysace xerophila</i>			
613.	27151 <i>Platythalia angustifolia</i>			
614.	-14357 <i>Plectranthias alleni</i>			
615.	-16012 <i>Plectroglyphidodon leucozonus</i>			
616.	25007 <i>Pletholax gracilis</i> subsp. <i>gracilis</i> (Keeled Legless Lizard)			
617.	27156 <i>Plocamium mertensii</i>			
618.	27157 <i>Plocamium preissianum</i>			
619.	573 <i>Poa drummondiana</i> (Knotted Poa)			
620.	577 <i>Poa poiformis</i> (Coastal Poa)			
621.	8175 <i>Podolepis gracilis</i> (Slender Podolepis)			
622.	8183 <i>Podotheca chrysantha</i> (Yellow Podotheca)			
623.	24907 <i>Pogona minor</i> subsp. <i>minor</i> (Dwarf Bearded Dragon)			
624.	29919 <i>Polianthion wichurae</i>			
625.	24681 <i>Poliiocephalus poliiocephalus</i> (Hoary-headed Grebe)			
626.	27161 <i>Pollexfenia lobata</i>			
627.	27162 <i>Pollexfenia pedicellata</i>			
628.	27173 <i>Polysiphonia decipiens</i>			
629.	30854 <i>Polytelis anthopeplus</i> subsp. <i>westralis</i> (Regent Parrot)			
630.	-14144 <i>Pomacentrus milleri</i>			
631.	-14676 <i>Porocephalichthys dasyrhynchus</i>			
632.	125 <i>Posidonia sinuosa</i>			
633.	-15969 <i>Posidonichthys hutchinsi</i>			
634.	1672 <i>Prasophyllum fimbria</i> (Fringed Leek Orchid)			
635.	1682 <i>Prasophyllum sargentii</i>			
636.	-16852 <i>Priolepis nuchifasciata</i>			
637.	-11930 <i>Protochelifer cavernarum</i>			
638.	27190 <i>Protokuetzingia australasica</i>			
639.	25261 <i>Pseudechis australis</i> (Mulga Snake)			
640.	-14154 <i>Pseudochromis wilsoni</i>			
641.	-16086 <i>Pseudogobius olorum</i>			
642.	-17541 <i>Pseudolabrus biserialis</i>			
643.	24230 <i>Pseudomys albocinereus</i> (Ash-grey Mouse)			
644.	42416 <i>Pseudonaja mengdeni</i> (Western Brown Snake)			
645.	25433 <i>Pseudophryne guentheri</i> (Crawling Toadlet)			
646.	27193 <i>Psilothallia siliculosa</i>			
647.	27194 <i>Psilothallia striata</i>			
648.	27195 <i>Pterocladia lucida</i>			
649.	11260 <i>Ptilotus drummondii</i> var. <i>drummondii</i> (Pussytail)			
650.	41505 <i>Ptilotus gaudichaudii</i> subsp. <i>eremita</i>			
651.	2742 <i>Ptilotus manglesii</i> (Pom Poms, Mulamula)			
652.	40841 <i>Ptilotus stirlingii</i> subsp. <i>stirlingii</i>			
653.	25712 <i>Puffinus assimilis</i> (Little Shearwater)			
654.	24711 <i>Puffinus assimilis</i> subsp. <i>assimilis</i> (Little Shearwater)			
655.	25008 <i>Pygopus lepidopodus</i> (Common Scaly Foot)			
656.	16367 <i>Pyrorchis nigricans</i> (Red beaks, Elephants ears)			
657.	32480 <i>Racopilum cuspidigerum</i> var. <i>convolutaceum</i>			
658.	25271 <i>Ramphotyphlops australis</i>			
659.	24243 <i>Rattus fuscipes</i> (Western Bush Rat)			

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660.	-17623 <i>Rattus fuscipies</i>			Y
661.	8197 <i>Reichardia tingitana</i> (False Sowthistle)	Y		
662.	27210 <i>Rhabdonia clavigera</i>			
663.	27211 <i>Rhabdonia coccinea</i>			
664.	11341 <i>Rhagodia baccata</i> subsp. <i>baccata</i>			
665.	2584 <i>Rhagodia preissii</i>			
666.	25614 <i>Rhipidura leucophrys</i> (Willie Wagtail)			
667.	13300 <i>Rhodanthe citrina</i>			
668.	27221 <i>Rhodopeltis borealis</i>			
669.	27224 <i>Rhodymenia sonderi</i>			
670.	19942 <i>Ricinocarpos undulatus</i>			
671.	10970 <i>Rostraria cristata</i>	Y		
672.	2906 <i>Sagina apetala</i> (Annual Pearlwort)	Y		
673.	30434 <i>Salsola australis</i>			
674.	6484 <i>Samolus repens</i> (Creeping Brookweed)			
675.	14107 <i>Samolus repens</i> var. <i>paucifolius</i>			
676.	2356 <i>Santalum acuminatum</i> (Quandong, Warnga)			
677.	27239 <i>Sargassum fallax</i>			
678.	27244 <i>Sargassum heteromorphum</i>			
679.	27246 <i>Sargassum lacerifolium</i>			
680.	27258 <i>Sargassum spinuligerum</i>			
681.	27260 <i>Sargassum tristichum</i>			
682.	27262 <i>Sargassum verruculosum</i>			
683.	27264 <i>Scaberia agardhii</i>			
684.	7603 <i>Scaevola canescens</i> (Grey Scaevola)			
685.	7606 <i>Scaevola crassifolia</i> (Thick-leaved Fan-flower)			
686.	7613 <i>Scaevola glandulifera</i> (Viscid Hand-flower)			
687.	7614 <i>Scaevola globulifera</i>			
688.	7626 <i>Scaevola nitida</i> (Shining Fanflower)			
689.	7634 <i>Scaevola phlebotopetala</i> (Velvet Fanflower)			
690.	29356 <i>Scaevola repens</i> subsp. <i>Northern Sandplains</i> (R.J. Cranfield & P.J. Spencer 8445)			
691.	13181 <i>Scaevola repens</i> var. <i>angustifolia</i>			
692.	7643 <i>Scaevola sericophylla</i>			
693.	7647 <i>Scaevola thesioides</i>			
694.	13152 <i>Scaevola thesioides</i> subsp. <i>thesioides</i>			
695.	997 <i>Schoenus lanatus</i> (Woolly Bog-rush)			
696.	6030 <i>Scholtzia ciliata</i>			
697.	6034 <i>Scholtzia laxiflora</i>			
698.	6037 <i>Scholtzia parviflora</i>			
699.	20379 <i>Scholtzia</i> sp. <i>Jurien</i> (R. Cranfield & P. Spencer RJC 8443)			
700.	20382 <i>Scholtzia</i> sp. <i>Wongonderrah</i> (M.E. & M.R. Trudgen MET 12000)			
701.	6041 <i>Scholtzia umbellifera</i>			
702.	-14633 <i>Schuettea woodwardi</i>			
703.	27269 <i>Scinaia aborealis</i>			
704.	-14173 <i>Scobinichthys granulatus</i>			
705.	-17080 <i>Scorpaena gasta</i>			
706.	-16033 <i>Scorpaena</i> n. sp. A			
707.	-14266 <i>Scorpaena</i> n.sp.			Y
708.	-17160 <i>Scorpaena panda</i>			
709.	-17496 <i>Scorpaenodes steenei</i>			
710.	6 <i>Selaginella gracillima</i> (Tiny Clubmoss)			
711.	27277 <i>Semnocarpa minuta</i>			
712.	20161 <i>Senecio pinnatifolius</i>			
713.	25884 <i>Senecio pinnatifolius</i> var. <i>latilobus</i>			
714.	25534 <i>Sericornis frontalis</i> (White-browed Scrubwren)			
715.	24279 <i>Sericornis frontalis</i> subsp. <i>maculatus</i> (White-browed Scrubwren)			
716.	-13514 <i>Siganus fuscescens</i>			
717.	-16912 <i>Siganus fuscescens?</i>			Y
718.	-14382 <i>Sillago ingenua</i>			
719.	8225 <i>Siloxerus humifusus</i> (Procumbent Siloxerus)			
720.	25267 <i>Simoselaps littoralis</i> (West Coast Banded Snake)			
721.	-16095 <i>Siphamia cephalotes</i>			
722.	-16114 <i>Siphonognathus radiatus</i>			
723.	3072 <i>Sisymbrium orientale</i> (Indian Hedge Mustard)	Y		
724.	24108 <i>Sminthopsis crassicaudata</i> (Fat-tailed Dunnart)			
725.	24109 <i>Sminthopsis dolichura</i> (Little long-tailed Dunnart)			
726.	24112 <i>Sminthopsis granulipes</i> (White-tailed Dunnart)			
727.	25515 <i>Sminthopsis griseoventer</i> (Grey-bellied Dunnart)			
728.	7022 <i>Solanum nigrum</i> (Black Berry Nightshade)	Y		
729.	7037 <i>Solanum symonii</i>			

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730.	27281 <i>Solieria robusta</i>			
731.	8231 <i>Sonchus oleraceus</i> (Common Sowthistle)	Y		
732.	1312 <i>Sowerbaea laxiflora</i> (Purple Tassels)			
733.	17551 <i>Sphaerolobium drummondii</i>			
734.	4207 <i>Sphaerolobium medium</i>			
735.	625 <i>Spinifex longifolius</i> (Beach Spinifex)			
736.	27301 <i>Spongoclonium conspicuum</i>			
737.	635 <i>Sporobolus virginicus</i> (Marine Couch)			
738.	-17048 <i>Spratelloides robustus</i>			
739.	27309 <i>Spyridia dasyoides</i>			
740.	27310 <i>Spyridia filamentosa</i>			
741.	4828 <i>Spyridium globulosum</i> (Basket Bush)			
742.	4733 <i>Stackhousia monogyna</i>			
743.	-14590 <i>Stegastes obreptus</i>			
744.	-17636 <i>Stenella coeruleoalba</i>			
745.	24522 <i>Sterna bergii</i> (Crested Tern)			
746.	27314 <i>Stictosporum nitophylloides</i>			
747.	-14746 <i>Stigmatopora</i> sp.			
748.	12856 <i>Stirlingia abrotanoides</i>			
749.	2316 <i>Stirlingia latifolia</i> (Blueboy)			
750.	25590 <i>Streptopelia senegalensis</i> (Laughing Turtle-Dove)	Y		
751.	24942 <i>Strophurus spinigerus</i> subsp. <i>spinigerus</i>			
752.	7709 <i>Stylidium crossocephalum</i> (Posy Triggerplant)			
753.	25801 <i>Stylidium hesperium</i>			
754.	20521 <i>Stylidium rigidulum</i>			
755.	2639 <i>Suaeda australis</i> (Seablite)			
756.	15532 <i>Synaphea spinulosa</i> subsp. <i>spinulosa</i>			
757.	-11340 <i>Synsphyronus callus</i>			
758.	32437 <i>Syntrichia antarctica</i>			
759.	24331 <i>Tadorna tadornoides</i> (Australian Shelduck, Mountain Duck)			
760.	24167 <i>Tarsipes rostratus</i> (Honey Possum, Noolbenger)			
761.	-11729 <i>Tasmanicosa leuckartii</i>			
762.	33236 <i>Tecticornia halocnemoides</i> (Shrubby Samphire)			
763.	33297 <i>Tecticornia pergranulata</i> subsp. <i>pergranulata</i> (Blackseed Samphire)			
764.	4256 <i>Templetonia retusa</i> (Cockies Tongues)			
765.	-15949 <i>Terapon jarbua</i>			
766.	2791 <i>Tersonia cyathiflora</i> (Button Creeper)			
767.	2820 <i>Tetragonia decumbens</i> (Sea Spinach)	Y		
768.	2823 <i>Tetragonia implexicoma</i> (Bower Spinach)			
769.	-15823 <i>Thalassoma lunare</i>			
770.	5080 <i>Thomasia foliosa</i>			
771.	5084 <i>Thomasia grandiflora</i> (Large Flowered Thomasia)			
772.	2644 <i>Threlkeldia diffusa</i> (Coast Bonefruit)			
773.	6051 <i>Thryptomene baeckeacea</i>			
774.	6057 <i>Thryptomene hyporhytis</i>			
775.	27331 <i>Thuretia quercifolia</i>			
776.	1338 <i>Thysanotus manglesianus</i> (Fringed Lily)			
777.	1343 <i>Thysanotus patersonii</i>			
778.	1351 <i>Thysanotus sparteus</i>			
779.	1358 <i>Thysanotus triandrus</i>			
780.	25203 <i>Tiliqua occipitalis</i> (Western Bluetongue)			
781.	25207 <i>Tiliqua rugosa</i> subsp. <i>rugosa</i>			
782.	1368 <i>Trachyandra divaricata</i>	Y		
783.	6280 <i>Trachymene pilosa</i> (Native Parsnip)			
784.	1361 <i>Tricoryne elatior</i> (Yellow Autumn Lily)			
785.	14738 <i>Trifolium resupinatum</i> var. <i>resupinatum</i>	Y		
786.	146 <i>Triglochin minutissima</i>			
787.	147 <i>Triglochin mucronata</i>			
788.	152 <i>Triglochin trichophora</i>			
789.	4737 <i>Tripterococcus brunonis</i> (Winged Stackhousia)			
790.	-17022 <i>Trygonoptera ovalis</i>			
791.	27345 <i>Turbinaria gracilis</i>			
792.	8254 <i>Urospermum picroides</i> (False Hawkbit)	Y		
793.	1767 <i>Urtica urens</i> (Small Nettle)	Y		
794.	30716 <i>Vachellia farnesiana</i> (Mimosa Bush)	Y		
795.	-15260 <i>Vanacampus margaritifer</i>			
796.	25218 <i>Varanus gouldii</i> (Bungarra or Sand Monitor)			
797.	7665 <i>Velleia trinervis</i>			
798.	7666 <i>Verreauxia reinwardtii</i> (Common Verreauxia)			
799.	12411 <i>Verticordia densiflora</i> var. <i>cespitosa</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
800.	15432 <i>Verticordia densiflora</i> var. <i>densiflora</i>			
801.	12437 <i>Verticordia laciniata</i>			
802.	6103 <i>Verticordia ovalifolia</i>			
803.	27360 <i>Vidalia spiralis</i>			
804.	4325 <i>Viminaria juncea</i> (Swishbush, Koweda)			
805.	33101 <i>Vulpia myuros</i> forma <i>myuros</i>	Y		
806.	7384 <i>Wahlenbergia capensis</i> (Cape Bluebell)	Y		
807.	6939 <i>Westringia dampieri</i>			
808.	6659 <i>Wilsonia humilis</i> (Silky Wilsonia)			
809.	27364 <i>Wollastoniella myriophylloides</i>			
810.	1398 <i>Wurmbea monantha</i>			
811.	-17542 <i>Zephyrichthys barryi</i>			
812.	27373 <i>Zonaria turneriana</i>			
813.	25765 <i>Zosterops lateralis</i> (Grey-breasted White-eye, Silvereye)			
814.	24856 <i>Zosterops lateralis</i> subsp. <i>gouldi</i> (Grey-breasted White-eye)			
815.	4387 <i>Zygophyllum billardieri</i> (Coast Twinleaf)			
816.	4390 <i>Zygophyllum fruticosum</i> (Shrubby Twinleaf)			
817.	12359 <i>Zygophyllum simile</i>			

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.

Appendix 2 EPBC Database Search Results

Database results for 1, 2 and 10km buffers



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: 08/07/13 17:46:15

[Summary](#)

[Details](#)

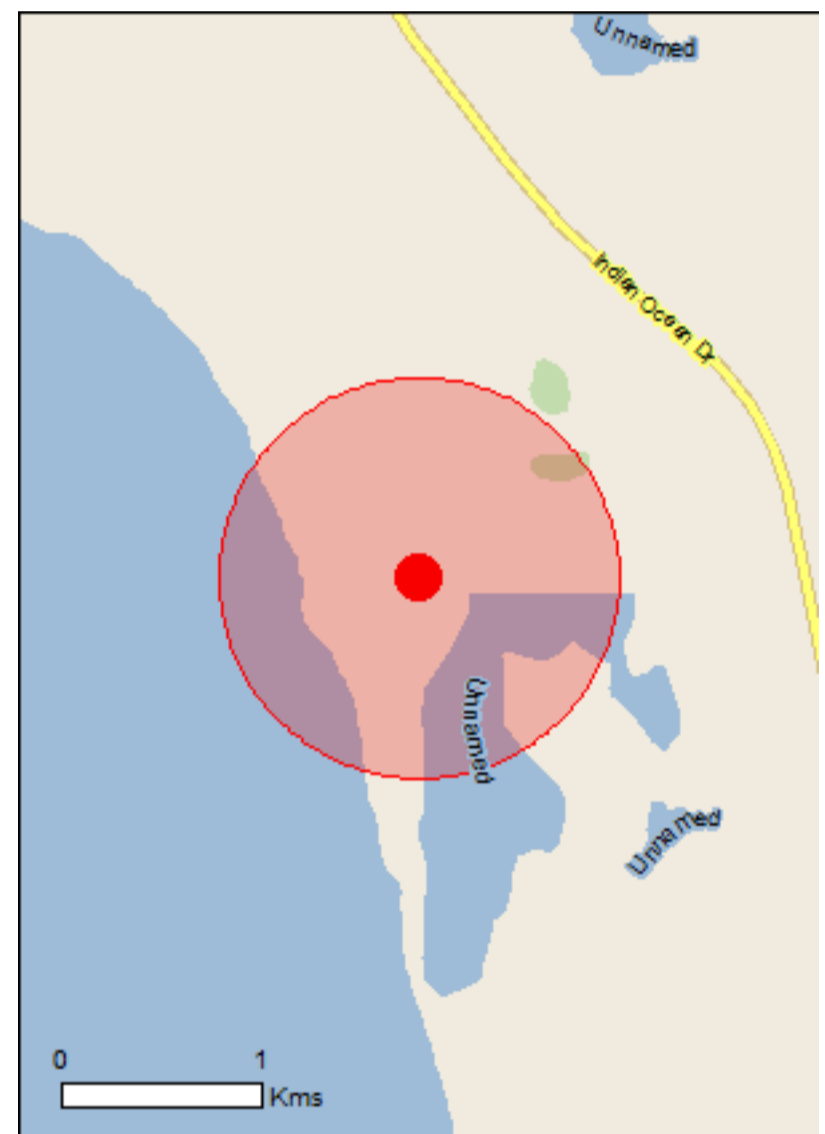
[Matters of NES](#)

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

[Extra Information](#)

[Caveat](#)

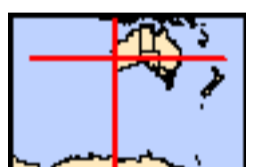
[Acknowledgements](#)



This map may contain data which are
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[Coordinates](#)

[Buffer: 1.0Km](#)



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 Areas:	None
Listed Threatened Ecological Communities:	None
Listed Threatened Species:	26
Listed Migratory Species:	28

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 and the heritage values of a place on the Register of the National Estate.

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.

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:	None
Commonwealth Heritage Places:	None
Listed Marine Species:	47
Whales and Other Cetaceans:	12
Critical Habitats:	None
Commonwealth Reserves:	None

Extra Information

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

Place on the RNE:	1
State and Territory Reserves:	2
Regional Forest Agreements:	None
Invasive Species:	17
Nationally Important Wetlands:	None
Key Ecological Features (Marine)	None

Details

Matters of National Environmental Significance

National Heritage Properties		[Resource Information]
Name	State	Status
Natural		
Beekeepers-Lesueur-Coomallo Area and Nambung National Park	WA	Nominated place

Listed Threatened Species		[Resource Information]
Name	Status	Type of Presence
Birds		
Anous tenuirostris melanops Australian Lesser Noddy [26000]	Vulnerable	Species or species habitat may occur within area
Calyptorhynchus latirostris Carnaby's Black-Cockatoo, Short-billed Black-Cockatoo [59523]	Endangered	Species or species habitat likely to occur within area
Diomedea exulans amsterdamensis Amsterdam Albatross [82330]	Endangered	Species or species habitat may occur within area
Diomedea exulans exulans Tristan Albatross [82337]	Endangered	Species or species habitat may occur within area
Diomedea exulans (sensu lato) Wandering Albatross [1073]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Leipoa ocellata Malleefowl [934]	Vulnerable	Species or species habitat may occur within area
Macronectes giganteus Southern Giant-Petrel [1060]	Endangered	Species or species habitat may occur within area
Macronectes halli Northern Giant-Petrel [1061]	Vulnerable	Species or species habitat may occur within area

Name	Status	Type of Presence
Thalassarche cauta cauta Shy Albatross, Tasmanian Shy Albatross [82345]	Vulnerable	Species or species habitat may occur within area
Mammals		
Dasyurus geoffroii Chuditch, Western Quoll [330]	Vulnerable	Species or species habitat likely to occur within area
Eubalaena australis Southern Right Whale [40]	Endangered	Species or species habitat likely to occur within area
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Species or species habitat known to occur within area
Neophoca cinerea Australian Sea-lion [22]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Parantechinus apicalis Dibbler [313]	Endangered	Species or species habitat may occur within area
Other		
Idiosoma nigrum Shield-backed Trapdoor Spider, Black Rugose Trapdoor Spider [66798]	Vulnerable	Species or species habitat likely to occur within area
Plants		
Centrolepis caespitosa [6393]	Endangered	Species or species habitat may occur within area
Grevillea christineae Christine's Grevillea [64520]	Endangered	Species or species habitat may occur within area
Hemiandra gardneri Red Snakebush [7945]	Endangered	Species or species habitat likely to occur within area
Isopogon uncinatus Hook-leaf Isopogon [20871]	Endangered	Species or species habitat may occur within area
Reptiles		
Caretta caretta Loggerhead Turtle [1763]	Endangered	Species or species habitat known to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Species or species habitat known to occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Species or species habitat known to occur within area
Natator depressus Flatback Turtle [59257]	Vulnerable	Species or species habitat known to occur within area
Sharks		
Carcharias taurus (west coast population) Grey Nurse Shark (west coast population) [68752]	Vulnerable	Species or species habitat may occur within area
Carcharodon carcharias Great White Shark [64470]	Vulnerable	Species or species habitat likely to occur within area

Name	Status	Type of Presence
Rhincodon typus Whale Shark [66680]	Vulnerable	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
Diomedea amsterdamensis Amsterdam Albatross [64405]	Endangered*	Species or species habitat may occur within area
Diomedea dabbenena Tristan Albatross [66471]	Endangered*	Species or species habitat may occur within area
Diomedea exulans (sensu lato) Wandering Albatross [1073]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Macronectes giganteus Southern Giant-Petrel [1060]	Endangered	Species or species habitat may occur within area
Macronectes halli Northern Giant-Petrel [1061]	Vulnerable	Species or species habitat may occur within area
Puffinus carneipes Flesh-footed Shearwater, Fleshy-footed Shearwater [1043]		Foraging, feeding or related behaviour likely to occur within area
Sterna caspia Caspian Tern [59467]		Foraging, feeding or related behaviour known to occur within area
Sterna dougallii Roseate Tern [817]		Foraging, feeding or related behaviour likely to occur within area
Thalassarche cauta (sensu stricto) Shy Albatross, Tasmanian Shy Albatross [64697]	Vulnerable*	Species or species habitat may occur within area
Migratory Marine Species		
Balaenoptera edeni Bryde's Whale [35]		Species or species habitat may occur within area
Caperea marginata Pygmy Right Whale [39]		Species or species habitat may occur within area
Carcharodon carcharias Great White Shark [64470]	Vulnerable	Species or species habitat likely to occur within area
Caretta caretta Loggerhead Turtle [1763]	Endangered	Species or species habitat known to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Species or species habitat known to occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Species or species habitat known to occur

Name	Threatened	Type of Presence within area
Eubalaena australis Southern Right Whale [40]	Endangered	Species or species habitat likely to occur within area
Lagenorhynchus obscurus Dusky Dolphin [43]		Species or species habitat may occur within area
Lamna nasus Porbeagle, Mackerel Shark [83288]		Species or species habitat may occur within area
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Species or species habitat known to occur within area
Natator depressus Flatback Turtle [59257]	Vulnerable	Species or species habitat known to occur within area
Orcinus orca Killer Whale, Orca [46]		Species or species habitat may occur within area
Rhincodon typus Whale Shark [66680]	Vulnerable	Species or species habitat may occur within area
Migratory Terrestrial Species		
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat likely to occur within area
Leipoa ocellata Malleefowl [934]	Vulnerable	Species or species habitat may occur within area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area
Migratory Wetlands Species		
Ardea alba Great Egret, White Egret [59541]		Species or species habitat likely to occur within area
Ardea ibis Cattle Egret [59542]		Species or species habitat may occur within area
Other Matters Protected by the EPBC Act		
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		
Anous tenuirostris melanops Australian Lesser Noddy [26000]	Vulnerable	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

Name	Threatened	Type of Presence
Ardea ibis Cattle Egret [59542]		habitat likely to occur within area
Diomedea amsterdamensis Amsterdam Albatross [64405]	Endangered*	Species or species habitat may occur within area
Diomedea dabbenena Tristan Albatross [66471]	Endangered*	Species or species habitat may occur within area
Diomedea exulans (sensu lato) Wandering Albatross [1073]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat likely to occur within area
Larus pacificus Pacific Gull [811]		Foraging, feeding or related behaviour known to occur within area
Macronectes giganteus Southern Giant-Petrel [1060]	Endangered	Species or species habitat may occur within area
Macronectes halli Northern Giant-Petrel [1061]	Vulnerable	Species or species habitat may occur within area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area
Pandion haliaetus Osprey [952]		Species or species habitat may occur within area
Puffinus assimilis Little Shearwater [59363]		Foraging, feeding or related behaviour known to occur within area
Puffinus carneipes Flesh-footed Shearwater, Fleshy-footed Shearwater [1043]		Foraging, feeding or related behaviour likely to occur within area
Sterna caspia Caspian Tern [59467]		Foraging, feeding or related behaviour known to occur within area
Sterna dougallii Roseate Tern [817]		Foraging, feeding or related behaviour likely to occur within area
Thalassarche cauta (sensu stricto) Shy Albatross, Tasmanian Shy Albatross [64697]	Vulnerable*	Species or species habitat may occur within area
Fish		
Acentronura australe Southern Pygmy Pipehorse [66185]		Species or species habitat may occur within area
Campichthys galei Gale's Pipefish [66191]		Species or species habitat may occur within area
Choeroichthys suillus Pig-snouted Pipefish [66198]		Species or species

Name	Threatened	Type of Presence
Halicampus brocki Brock's Pipefish [66219]		habitat may occur within area Species or species habitat may occur within area
Hippocampus angustus Western Spiny Seahorse, Narrow-bellied Seahorse [66234]		Species or species habitat may occur within area
Hippocampus breviceps Short-head Seahorse, Short-snouted Seahorse [66235]		Species or species habitat may occur within area
Hippocampus subelongatus West Australian Seahorse [66722]		Species or species habitat may occur within area
Lissocampus fatiloquus Prophet's Pipefish [66250]		Species or species habitat may occur within area
Maroubra perserrata Sawtooth Pipefish [66252]		Species or species habitat may occur within area
Mitotichthys meraculus Western Crested Pipefish [66259]		Species or species habitat may occur within area
Nannocampus subosseus Bonyhead Pipefish, Bony-headed Pipefish [66264]		Species or species habitat may occur within area
Phycodurus eques Leafy Seadragon [66267]		Species or species habitat may occur within area
Phyllopteryx taeniolatus Common Seadragon, Weedy Seadragon [66268]		Species or species habitat may occur within area
Pugnaso curtirostris Pugnose Pipefish, Pug-nosed Pipefish [66269]		Species or species habitat may occur within area
Solegnathus lettiensis Gunther's Pipehorse, Indonesian Pipefish [66273]		Species or species habitat may occur within area
Stigmatopora argus Spotted Pipefish, Gulf Pipefish [66276]		Species or species habitat may occur within area
Stigmatopora nigra Widebody Pipefish, Wide-bodied Pipefish, Black Pipefish [66277]		Species or species habitat may occur within area
Syngnathoides biaculeatus Double-end Pipehorse, Double-ended Pipehorse, Alligator Pipefish [66279]		Species or species habitat may occur within area
Urocampus carinirostris Hairy Pipefish [66282]		Species or species habitat may occur within area
Vanacampus margaritifer Mother-of-pearl Pipefish [66283]		Species or species habitat may occur within area
Mammals		
Arctocephalus forsteri New Zealand Fur-seal [20]		Species or species

Name	Threatened	Type of Presence
Neophoca cinerea Australian Sea-lion [22]	Vulnerable	habitat may occur within area Foraging, feeding or related behaviour likely to occur within area
Reptiles		
Aipysurus pooleorum Shark Bay Seasnake [66061]		Species or species habitat may occur within area
Caretta caretta Loggerhead Turtle [1763]	Endangered	Species or species habitat known to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Species or species habitat known to occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Species or species habitat known to occur within area
Disteira kingii Spectacled Seasnake [1123]		Species or species habitat may occur within area
Natator depressus Flatback Turtle [59257]	Vulnerable	Species or species habitat known to occur within area
Pelamis platurus Yellow-bellied Seasnake [1091]		Species or species habitat may occur within area
Whales and other Cetaceans		
		[Resource Information]
Name	Status	Type of Presence
Mammals		
Balaenoptera acutorostrata Minke Whale [33]		Species or species habitat may occur within area
Balaenoptera edeni Bryde's Whale [35]		Species or species habitat may occur within area
Caperea marginata Pygmy Right Whale [39]		Species or species habitat may occur within area
Delphinus delphis Common Dophin, Short-beaked Common Dolphin [60]		Species or species habitat may occur within area
Eubalaena australis Southern Right Whale [40]	Endangered	Species or species habitat likely to occur within area
Grampus griseus Risso's Dolphin, Grampus [64]		Species or species habitat may occur within area
Lagenorhynchus obscurus Dusky Dolphin [43]		Species or species habitat may occur within area
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Species or species habitat known to occur within area
Orcinus orca Killer Whale, Orca [46]		Species or species

Name	Status	Type of Presence
Stenella attenuata Spotted Dolphin, Pantropical Spotted Dolphin [51]		habitat may occur within area
Tursiops aduncus Indian Ocean Bottlenose Dolphin, Spotted Bottlenose Dolphin [68418]		Species or species habitat may occur within area
Tursiops truncatus s. str. Bottlenose Dolphin [68417]		Species or species habitat likely to occur within area
		Species or species habitat may occur within area

Extra Information

Places on the RNE [\[Resource Information \]](#)

Note that not all Indigenous sites may be listed.

Name	State	Status
Natural		
Moore River to Murchison River Area	WA	Indicative Place

State and Territory Reserves [\[Resource Information \]](#)

Name	State
Beekeepers	WA
Jurien Bay	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		
Columba livia Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
Streptopelia senegalensis Laughing Turtle-dove, Laughing Dove [781]		Species or species habitat likely to occur within area
Mammals		
Capra hircus Goat [2]		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
Feral deer Feral deer species in Australia [85733]		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

Name	Status	Type of Presence 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
Brachiaria mutica Para Grass [5879]		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
Genista sp. X Genista monspessulana Broom [67538]		Species or species habitat may occur within area
Olea europaea Olive, Common Olive [9160]		Species or species habitat may occur within area
Pinus radiata Radiata Pine Monterey Pine, Insignis Pine, Wilding Pine [20780]		Species or species habitat may 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

Coordinates

-30.2481 115.03991

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 Heritage and Register of National Estate properties, Wetlands of International 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.

For species where the distributions are well known, maps are digitised from sources such as recovery plans and detailed habitat studies. Where appropriate, core breeding, foraging and roosting areas are indicated under 'type of presence'. For species whose distributions are less well known, point locations are collated from government wildlife authorities, museums, and non-government organisations; bioclimatic distribution models are generated and these validated by experts. In some cases, the distribution maps are based solely on expert knowledge.

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.

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:

- [-Department of Environment, Climate Change and Water, New South Wales](#)
- [-Department of Sustainability and Environment, Victoria](#)
- [-Department of Primary Industries, Parks, Water and Environment, Tasmania](#)
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- [-Parks and Wildlife Service NT, NT Dept of Natural Resources, Environment and the Arts](#)
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- [-State Forests of NSW](#)
- [-Geoscience Australia](#)
- [-CSIRO](#)
- 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.

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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: 08/07/13 17:45:56

[Summary](#)

[Details](#)

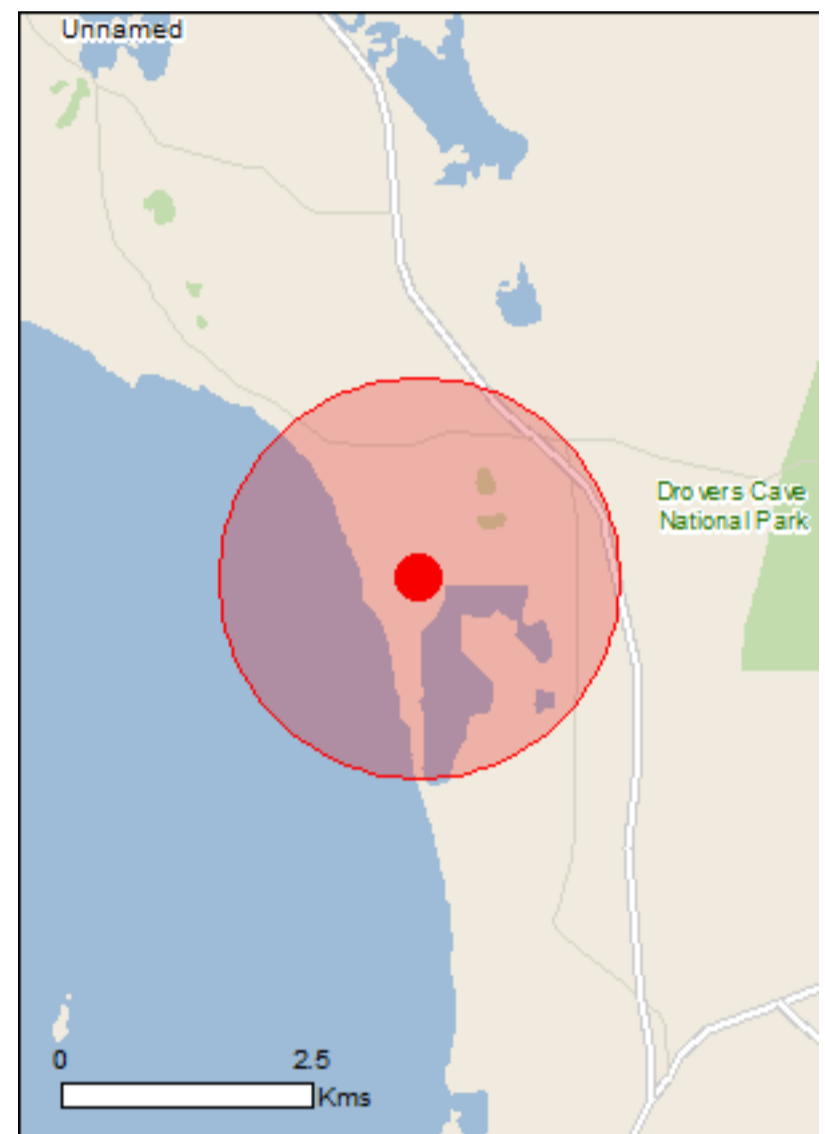
[Matters of NES](#)

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

[Extra Information](#)

[Caveat](#)

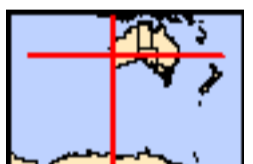
[Acknowledgements](#)



This map may contain data which are
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[Coordinates](#)

Buffer: 2.0Km



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 Areas:	None
Listed Threatened Ecological Communities:	None
Listed Threatened Species:	28
Listed Migratory Species:	28

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 and the heritage values of a place on the Register of the National Estate.

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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:	None
Commonwealth Heritage Places:	None
Listed Marine Species:	47
Whales and Other Cetaceans:	12
Critical Habitats:	None
Commonwealth Reserves:	None

Extra Information

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

Place on the RNE:	1
State and Territory Reserves:	2
Regional Forest Agreements:	None
Invasive Species:	17
Nationally Important Wetlands:	None
Key Ecological Features (Marine)	None

Details

Matters of National Environmental Significance

National Heritage Properties		[Resource Information]
Name	State	Status
Natural		
Beekeepers-Lesueur-Coomallo Area and Nambung National Park	WA	Nominated place

Listed Threatened Species		[Resource Information]
Name	Status	Type of Presence
Birds		
Anous tenuirostris melanops Australian Lesser Noddy [26000]	Vulnerable	Species or species habitat may occur within area
Calyptorhynchus latirostris Carnaby's Black-Cockatoo, Short-billed Black-Cockatoo [59523]	Endangered	Species or species habitat likely to occur within area
Diomedea exulans amsterdamensis Amsterdam Albatross [82330]	Endangered	Species or species habitat may occur within area
Diomedea exulans exulans Tristan Albatross [82337]	Endangered	Species or species habitat may occur within area
Diomedea exulans (sensu lato) Wandering Albatross [1073]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Leipoa ocellata Malleefowl [934]	Vulnerable	Species or species habitat may occur within area
Macronectes giganteus Southern Giant-Petrel [1060]	Endangered	Species or species habitat may occur within area
Macronectes halli Northern Giant-Petrel [1061]	Vulnerable	Species or species habitat may occur within area

Name	Status	Type of Presence
Sternula nereis nereis Australian Fairy Tern [82950]	Vulnerable	Species or species habitat may occur within area
Thalassarche cauta cauta Shy Albatross, Tasmanian Shy Albatross [82345]	Vulnerable	Species or species habitat may occur within area
Mammals		
Dasyurus geoffroii Chuditch, Western Quoll [330]	Vulnerable	Species or species habitat likely to occur within area
Eubalaena australis Southern Right Whale [40]	Endangered	Species or species habitat likely to occur within area
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Species or species habitat known to occur within area
Neophoca cinerea Australian Sea-lion [22]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Parantechinus apicalis Dibbler [313]	Endangered	Species or species habitat may occur within area
Other		
Idiosoma nigrum Shield-backed Trapdoor Spider, Black Rugose Trapdoor Spider [66798]	Vulnerable	Species or species habitat likely to occur within area
Plants		
Caladenia huegelii King Spider-orchid, Grand Spider-orchid, Rusty Spider-orchid [7309]	Endangered	Species or species habitat may occur within area
Centrolepis caespitosa [6393]	Endangered	Species or species habitat may occur within area
Grevillea christineae Christine's Grevillea [64520]	Endangered	Species or species habitat may occur within area
Hemiandra gardneri Red Snakebush [7945]	Endangered	Species or species habitat likely to occur within area
Isopogon uncinatus Hook-leaf Isopogon [20871]	Endangered	Species or species habitat may occur within area
Reptiles		
Caretta caretta Loggerhead Turtle [1763]	Endangered	Foraging, feeding or related behaviour known to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Foraging, feeding or related behaviour known to occur within area
Natator depressus Flatback Turtle [59257]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Sharks		

Name	Status	Type of Presence
Carcharias taurus (west coast population) Grey Nurse Shark (west coast population) [68752]	Vulnerable	Species or species habitat may occur within area
Carcharodon carcharias Great White Shark [64470]	Vulnerable	Species or species habitat likely to occur within area
Rhincodon typus Whale Shark [66680]	Vulnerable	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
Diomedea amsterdamensis Amsterdam Albatross [64405]	Endangered*	Species or species habitat may occur within area
Diomedea dabbenena Tristan Albatross [66471]	Endangered*	Species or species habitat may occur within area
Diomedea exulans (sensu lato) Wandering Albatross [1073]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Macronectes giganteus Southern Giant-Petrel [1060]	Endangered	Species or species habitat may occur within area
Macronectes halli Northern Giant-Petrel [1061]	Vulnerable	Species or species habitat may occur within area
Puffinus carneipes Flesh-footed Shearwater, Fleshy-footed Shearwater [1043]		Foraging, feeding or related behaviour likely to occur within area
Sterna caspia Caspian Tern [59467]		Foraging, feeding or related behaviour known to occur within area
Sterna dougallii Roseate Tern [817]		Foraging, feeding or related behaviour likely to occur within area
Thalassarche cauta (sensu stricto) Shy Albatross, Tasmanian Shy Albatross [64697]	Vulnerable*	Species or species habitat may occur within area

Migratory Marine Species

Balaenoptera edeni Bryde's Whale [35]		Species or species habitat may occur within area
Caperea marginata Pygmy Right Whale [39]		Species or species habitat may occur within area
Carcharodon carcharias Great White Shark [64470]	Vulnerable	Species or species habitat likely to occur within area
Caretta caretta Loggerhead Turtle [1763]	Endangered	Foraging, feeding or related behaviour known

Name	Threatened	Type of Presence to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Foraging, feeding or related behaviour known to occur within area
Eubalaena australis Southern Right Whale [40]	Endangered	Species or species habitat likely to occur within area
Lagenorhynchus obscurus Dusky Dolphin [43]		Species or species habitat may occur within area
Lamna nasus Porbeagle, Mackerel Shark [83288]		Species or species habitat may occur within area
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Species or species habitat known to occur within area
Natator depressus Flatback Turtle [59257]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Orcinus orca Killer Whale, Orca [46]		Species or species habitat may occur within area
Rhincodon typus Whale Shark [66680]	Vulnerable	Species or species habitat may occur within area
Migratory Terrestrial Species		
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat likely to occur within area
Leipoa ocellata Malleefowl [934]	Vulnerable	Species or species habitat may occur within area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area
Migratory Wetlands Species		
Ardea alba Great Egret, White Egret [59541]		Species or species habitat likely to occur within area
Ardea ibis Cattle Egret [59542]		Species or species habitat may occur within area

Other Matters Protected by the EPBC Act

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		
Anous tenuirostris melanops Australian Lesser Noddy [26000]	Vulnerable	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 likely to occur within area
Ardea ibis Cattle Egret [59542]		Species or species habitat may occur within area
Diomedea amsterdamensis Amsterdam Albatross [64405]	Endangered*	Species or species habitat may occur within area
Diomedea dabbenena Tristan Albatross [66471]	Endangered*	Species or species habitat may occur within area
Diomedea exulans (sensu lato) Wandering Albatross [1073]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat likely to occur within area
Larus pacificus Pacific Gull [811]		Foraging, feeding or related behaviour known to occur within area
Macronectes giganteus Southern Giant-Petrel [1060]	Endangered	Species or species habitat may occur within area
Macronectes halli Northern Giant-Petrel [1061]	Vulnerable	Species or species habitat may occur within area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area
Pandion haliaetus Osprey [952]		Species or species habitat likely to occur within area
Puffinus assimilis Little Shearwater [59363]		Foraging, feeding or related behaviour known to occur within area
Puffinus carneipes Flesh-footed Shearwater, Fleshy-footed Shearwater [1043]		Foraging, feeding or related behaviour likely to occur within area
Sterna caspia Caspian Tern [59467]		Foraging, feeding or related behaviour known

Name	Threatened	Type of Presence
Sterna dougallii Roseate Tern [817]		to occur within area Foraging, feeding or related behaviour likely to occur within area
Thalassarche cauta (sensu stricto) Shy Albatross, Tasmanian Shy Albatross [64697]	Vulnerable*	Species or species habitat may occur within area
Fish		
Acentronura australe Southern Pygmy Pipehorse [66185]		Species or species habitat may occur within area
Campichthys galei Gale's Pipefish [66191]		Species or species habitat may occur within area
Choeroichthys suillus Pig-snouted Pipefish [66198]		Species or species habitat may occur within area
Halicampus brocki Brock's Pipefish [66219]		Species or species habitat may occur within area
Hippocampus angustus Western Spiny Seahorse, Narrow-bellied Seahorse [66234]		Species or species habitat may occur within area
Hippocampus breviceps Short-head Seahorse, Short-snouted Seahorse [66235]		Species or species habitat may occur within area
Hippocampus subelongatus West Australian Seahorse [66722]		Species or species habitat may occur within area
Lissocampus fatiloquus Prophet's Pipefish [66250]		Species or species habitat may occur within area
Maroubra perserrata Sawtooth Pipefish [66252]		Species or species habitat may occur within area
Mitotichthys meraculus Western Crested Pipefish [66259]		Species or species habitat may occur within area
Nannocampus subosseus Bonyhead Pipefish, Bony-headed Pipefish [66264]		Species or species habitat may occur within area
Phycodurus eques Leafy Seadragon [66267]		Species or species habitat may occur within area
Phyllopteryx taeniolatus Common Seadragon, Weedy Seadragon [66268]		Species or species habitat may occur within area
Pugnaso curtirostris Pugnose Pipefish, Pug-nosed Pipefish [66269]		Species or species habitat may occur within area
Solegnathus lettiensis Gunther's Pipehorse, Indonesian Pipefish [66273]		Species or species habitat may occur within area
Stigmatopora argus Spotted Pipefish, Gulf Pipefish [66276]		Species or species habitat may occur within area

Name	Threatened	Type of Presence
Stigmatopora nigra Widebody Pipefish, Wide-bodied Pipefish, Black Pipefish [66277]		Species or species habitat may occur within area
Syngnathoides biaculeatus Double-end Pipehorse, Double-ended Pipehorse, Alligator Pipefish [66279]		Species or species habitat may occur within area
Urocampus carinirostris Hairy Pipefish [66282]		Species or species habitat may occur within area
Vanacampus margaritifer Mother-of-pearl Pipefish [66283]		Species or species habitat may occur within area
Mammals		
Arctocephalus forsteri New Zealand Fur-seal [20]		Species or species habitat may occur within area
Neophoca cinerea Australian Sea-lion [22]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Reptiles		
Aipysurus pooleorum Shark Bay Seasnake [66061]		Species or species habitat may occur within area
Caretta caretta Loggerhead Turtle [1763]	Endangered	Foraging, feeding or related behaviour known to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Foraging, feeding or related behaviour known to occur within area
Disteira kingii Spectacled Seasnake [1123]		Species or species habitat may occur within area
Natator depressus Flatback Turtle [59257]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Pelamis platurus Yellow-bellied Seasnake [1091]		Species or species habitat may occur within area
Whales and other Cetaceans		
[Resource Information]		
Name	Status	Type of Presence
Mammals		
Balaenoptera acutorostrata Minke Whale [33]		Species or species habitat may occur within area
Balaenoptera edeni Bryde's Whale [35]		Species or species habitat may occur within area
Caperea marginata Pygmy Right Whale [39]		Species or species habitat may occur within area

Name	Status	Type of Presence
Delphinus delphis Common Dolphin, Short-beaked Common Dolphin [60]		Species or species habitat may occur within area
Eubalaena australis Southern Right Whale [40]	Endangered	Species or species habitat likely to occur within area
Grampus griseus Risso's Dolphin, Grampus [64]		Species or species habitat may occur within area
Lagenorhynchus obscurus Dusky Dolphin [43]		Species or species habitat may occur within area
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Species or species habitat known to occur within area
Orcinus orca Killer Whale, Orca [46]		Species or species habitat may occur within area
Stenella attenuata Spotted Dolphin, Pantropical Spotted Dolphin [51]		Species or species habitat may occur within area
Tursiops aduncus Indian Ocean Bottlenose Dolphin, Spotted Bottlenose Dolphin [68418]		Species or species habitat likely to occur within area
Tursiops truncatus s. str. Bottlenose Dolphin [68417]		Species or species habitat may occur within area

Extra Information

Places on the RNE [\[Resource Information \]](#)

Note that not all Indigenous sites may be listed.

Name	State	Status
Natural		
Moore River to Murchison River Area	WA	Indicative Place

State and Territory Reserves [\[Resource Information \]](#)

Name	State
Beekeepers	WA
Jurien Bay	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		
Columba livia Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
Streptopelia senegalensis Laughing Turtle-dove, Laughing Dove [781]		Species or species

Name	Status	Type of Presence
Mammals		
Capra hircus		habitat likely to occur within area
Goat [2]		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
Feral deer		
Feral deer species in Australia [85733]		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
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		
Asparagoides		
Bridal Creeper, Bridal Veil Creeper, Smilax, Florist's Smilax, Smilax Asparagus [22473]		Species or species habitat likely to occur within area
Brachiaria mutica		
Para Grass [5879]		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
Genista sp. X Genista monspessulana		
Broom [67538]		Species or species habitat may occur within area
Olea europaea		
Olive, Common Olive [9160]		Species or species habitat may occur within area
Pinus radiata		
Radiata Pine Monterey Pine, Insignis Pine, Wilding Pine [20780]		Species or species habitat may 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

Coordinates

-30.24813 115.03978

Caveat

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- [-Department of Primary Industries, Parks, Water and Environment, Tasmania](#)
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- [-Environmental and Resource Management, Queensland](#)
- [-Department of Environment and Conservation, Western Australia](#)
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- Other groups and individuals

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Department of Sustainability, Environment, Water, Population and Communities

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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: 08/07/13 17:46:56

[Summary](#)

[Details](#)

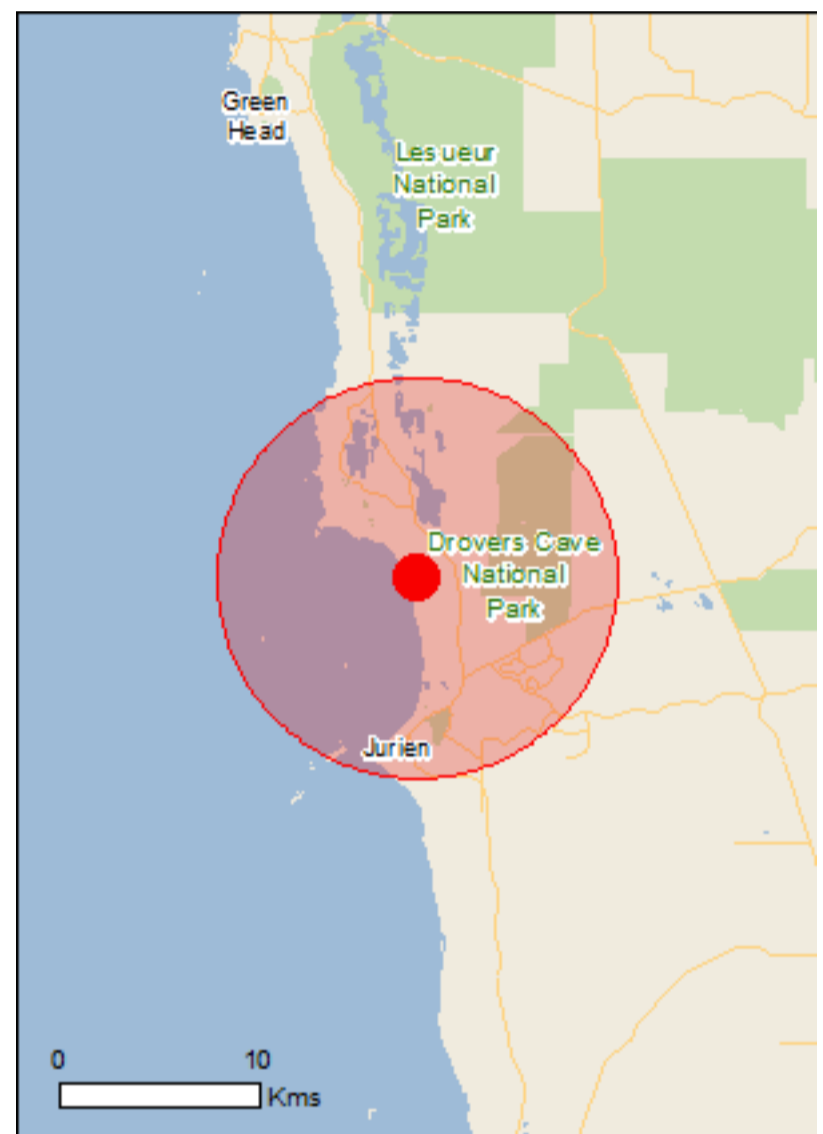
[Matters of NES](#)

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

[Extra Information](#)

[Caveat](#)

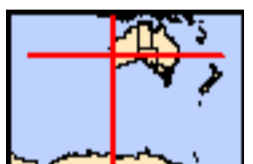
[Acknowledgements](#)



This map may contain data which are
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[Coordinates](#)

Buffer: 10.0Km



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 Areas:	None
Listed Threatened Ecological Communities:	None
Listed Threatened Species:	42
Listed Migratory Species:	33

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 and the heritage values of a place on the Register of the National Estate.

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.

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:	None
Listed Marine Species:	58
Whales and Other Cetaceans:	13
Critical Habitats:	None
Commonwealth Reserves:	None

Extra Information

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

Place on the RNE:	4
State and Territory Reserves:	9
Regional Forest Agreements:	None
Invasive Species:	17
Nationally Important Wetlands:	None
Key Ecological Features (Marine)	None

Details

Matters of National Environmental Significance

National Heritage Properties		[Resource Information]
Name	State	Status
Natural		
Beekeepers-Lesueur-Coomallo Area and Nambung National Park	WA	Nominated place

Listed Threatened Species		[Resource Information]
Name	Status	Type of Presence
Birds		
Anous tenuirostris melanops Australian Lesser Noddy [26000]	Vulnerable	Species or species habitat may occur within area
Calyptorhynchus latirostris Carnaby's Black-Cockatoo, Short-billed Black-Cockatoo [59523]	Endangered	Species or species habitat likely to occur within area
Diomedea exulans amsterdamensis Amsterdam Albatross [82330]	Endangered	Species or species habitat may occur within area
Diomedea exulans exulans Tristan Albatross [82337]	Endangered	Species or species habitat may occur within area
Diomedea exulans (sensu lato) Wandering Albatross [1073]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Leipoa ocellata Malleefowl [934]	Vulnerable	Species or species habitat may occur within area
Macronectes giganteus Southern Giant-Petrel [1060]	Endangered	Species or species habitat may occur within area
Macronectes halli Northern Giant-Petrel [1061]	Vulnerable	Species or species habitat may occur within area

Name	Status	Type of Presence
Pterodroma mollis Soft-plumaged Petrel [1036]	Vulnerable	Species or species habitat may occur within area
Sternula nereis nereis Australian Fairy Tern [82950]	Vulnerable	Species or species habitat may occur within area
Thalassarche carteri Indian Yellow-nosed Albatross [64464]	Vulnerable	Foraging, feeding or related behaviour may occur within area
Thalassarche cauta cauta Shy Albatross, Tasmanian Shy Albatross [82345]	Vulnerable	Species or species habitat may occur within area
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area
Mammals		
Balaenoptera musculus Blue Whale [36]	Endangered	Species or species habitat may occur within area
Dasyurus geoffroii Chuditch, Western Quoll [330]	Vulnerable	Species or species habitat likely to occur within area
Eubalaena australis Southern Right Whale [40]	Endangered	Species or species habitat likely to occur within area
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Species or species habitat known to occur within area
Neophoca cinerea Australian Sea-lion [22]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Parantechinus apicalis Dibbler [313]	Endangered	Species or species habitat known to occur within area
Other		
Idiosoma nigrum Shield-backed Trapdoor Spider, Black Rugose Trapdoor Spider [66798]	Vulnerable	Species or species habitat likely to occur within area
Plants		
Andersonia gracilis Slender Andersonia [14470]	Endangered	Species or species habitat may occur within area
Anigozanthos viridis subsp. terraspectans Dwarf Green Kangaroo Paw [3435]	Vulnerable	Species or species habitat likely to occur within area
Caladenia huegelii King Spider-orchid, Grand Spider-orchid, Rusty Spider-orchid [7309]	Endangered	Species or species habitat may occur within area
Centrolepis caespitosa [6393]	Endangered	Species or species habitat may occur within area
Darwinia foetida Muceha Bell [83190]	Critically Endangered	Species or species habitat likely to occur within area
Drakaea elastica Glossy-leafed Hammer-orchid, Praying Virgin	Endangered	Species or species

Name	Status	Type of Presence
[16753]		habitat may occur within area
Eucalyptus balanites Cadda Road Mallee, Cadda Mallee [24264]	Endangered	Species or species habitat may occur within area
Eucalyptus impensa Eneabba Mallee [56711]	Endangered	Species or species habitat may occur within area
Grevillea christineae Christine's Grevillea [64520]	Endangered	Species or species habitat may occur within area
Grevillea humifusa Spreading Grevillea [61182]	Endangered	Species or species habitat may occur within area
Hemiandra gardneri Red Snakebush [7945]	Endangered	Species or species habitat likely to occur within area
Isopogon uncinatus Hook-leaf Isopogon [20871]	Endangered	Species or species habitat may occur within area
Thelymitra stellata Star Sun-orchid [7060]	Endangered	Species or species habitat likely to occur within area
Reptiles		
Caretta caretta Loggerhead Turtle [1763]	Endangered	Foraging, feeding or related behaviour known to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Ctenotus lancelini Lancelin Island Skink [1482]	Vulnerable	Translocated population known to occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Foraging, feeding or related behaviour known to occur within area
Liopholis pulchra longicauda Jurien Bay Skink, Jurien Bay Rock-skink [83162]	Vulnerable	Roosting known to occur within area
Natator depressus Flatback Turtle [59257]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Sharks		
Carcharias taurus (west coast population) Grey Nurse Shark (west coast population) [68752]	Vulnerable	Species or species habitat may occur within area
Carcharodon carcharias Great White Shark [64470]	Vulnerable	Species or species habitat likely to occur within area
Rhincodon typus Whale Shark [66680]	Vulnerable	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		

Name	Threatened	Type of Presence
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Diomedea amsterdamensis Amsterdam Albatross [64405]	Endangered*	Species or species habitat may occur within area
Diomedea dabbenena Tristan Albatross [66471]	Endangered*	Species or species habitat may occur within area
Diomedea exulans (sensu lato) Wandering Albatross [1073]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Macronectes giganteus Southern Giant-Petrel [1060]	Endangered	Species or species habitat may occur within area
Macronectes halli Northern Giant-Petrel [1061]	Vulnerable	Species or species habitat may occur within area
Puffinus carneipes Flesh-footed Shearwater, Fleshy-footed Shearwater [1043]		Foraging, feeding or related behaviour likely to occur within area
Puffinus pacificus Wedge-tailed Shearwater [1027]		Breeding known to occur within area
Sterna anaethetus Bridled Tern [814]		Breeding known to occur within area
Sterna caspia Caspian Tern [59467]		Breeding known to occur within area
Sterna dougallii Roseate Tern [817]		Foraging, feeding or related behaviour likely to occur within area
Thalassarche carteri Indian Yellow-nosed Albatross [64464]	Vulnerable	Foraging, feeding or related behaviour may occur within area
Thalassarche cauta (sensu stricto) Shy Albatross, Tasmanian Shy Albatross [64697]	Vulnerable*	Species or species habitat may occur within area
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area
Migratory Marine Species		
Balaenoptera edeni Bryde's Whale [35]		Species or species habitat may occur within area
Balaenoptera musculus Blue Whale [36]	Endangered	Species or species habitat may occur within area
Caperea marginata Pygmy Right Whale [39]		Species or species habitat may occur within area
Carcharodon carcharias Great White Shark [64470]	Vulnerable	Species or species habitat likely to occur within area
Caretta caretta Loggerhead Turtle [1763]	Endangered	Foraging, feeding or related behaviour known

Name	Threatened	Type of Presence to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Foraging, feeding or related behaviour known to occur within area
Eubalaena australis Southern Right Whale [40]	Endangered	Species or species habitat likely to occur within area
Lagenorhynchus obscurus Dusky Dolphin [43]		Species or species habitat may occur within area
Lamna nasus Porbeagle, Mackerel Shark [83288]		Species or species habitat may occur within area
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Species or species habitat known to occur within area
Natator depressus Flatback Turtle [59257]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Orcinus orca Killer Whale, Orca [46]		Species or species habitat may occur within area
Rhincodon typus Whale Shark [66680]	Vulnerable	Species or species habitat may occur within area
Migratory Terrestrial Species		
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat likely to occur within area
Leipoa ocellata Malleefowl [934]	Vulnerable	Species or species habitat may occur within area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area
Migratory Wetlands Species		
Ardea alba Great Egret, White Egret [59541]		Species or species habitat likely to occur within area
Ardea ibis Cattle Egret [59542]		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 -

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		
Anous tenuirostris melanops Australian Lesser Noddy [26000]	Vulnerable	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 likely to occur within area
Ardea ibis Cattle Egret [59542]		Species or species habitat may occur within area
Catharacta skua Great Skua [59472]		Species or species habitat may occur within area
Diomedea amsterdamensis Amsterdam Albatross [64405]	Endangered*	Species or species habitat may occur within area
Diomedea dabbenena Tristan Albatross [66471]	Endangered*	Species or species habitat may occur within area
Diomedea exulans (sensu lato) Wandering Albatross [1073]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat likely to occur within area
Larus novaehollandiae Silver Gull [810]		Breeding known to occur within area
Larus pacificus Pacific Gull [811]		Breeding known to occur within area
Macronectes giganteus Southern Giant-Petrel [1060]	Endangered	Species or species habitat may occur within area
Macronectes halli Northern Giant-Petrel [1061]	Vulnerable	Species or species habitat may occur within area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area
Pandion haliaetus Osprey [952]		Breeding known to occur

Name	Threatened	Type of Presence within area
Pelagodroma marina White-faced Storm-Petrel [1016]		Breeding known to occur within area
Pterodroma mollis Soft-plumaged Petrel [1036]	Vulnerable	Species or species habitat may occur within area
Puffinus assimilis Little Shearwater [59363]		Breeding known to occur within area
Puffinus carneipes Flesh-footed Shearwater, Fleshy-footed Shearwater [1043]		Foraging, feeding or related behaviour likely to occur within area
Puffinus pacificus Wedge-tailed Shearwater [1027]		Breeding known to occur within area
Sterna anaethetus Bridled Tern [814]		Breeding known to occur within area
Sterna bergii Crested Tern [816]		Breeding known to occur within area
Sterna caspia Caspian Tern [59467]		Breeding known to occur within area
Sterna dougallii Roseate Tern [817]		Foraging, feeding or related behaviour likely to occur within area
Sterna fuscata Sooty Tern [794]		Breeding known to occur within area
Sterna nereis Fairy Tern [796]		Breeding known to occur within area
Thalassarche carteri Indian Yellow-nosed Albatross [64464]	Vulnerable	Foraging, feeding or related behaviour may occur within area
Thalassarche cauta (sensu stricto) Shy Albatross, Tasmanian Shy Albatross [64697]	Vulnerable*	Species or species habitat may occur within area
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area
Fish		
Acentronura australe Southern Pygmy Pipehorse [66185]		Species or species habitat may occur within area
Campichthys galei Gale's Pipefish [66191]		Species or species habitat may occur within area
Choeroichthys suillus Pig-snouted Pipefish [66198]		Species or species habitat may occur within area
Halicampus brocki Brock's Pipefish [66219]		Species or species habitat may occur within area
Hippocampus angustus Western Spiny Seahorse, Narrow-bellied Seahorse [66234]		Species or species habitat may occur within area
Hippocampus breviceps Short-head Seahorse, Short-snouted Seahorse		Species or species

Name	Threatened	Type of Presence
[66235]		habitat may occur within area
Hippocampus subelongatus West Australian Seahorse [66722]		Species or species habitat may occur within area
Lissocampus fatiloquus Prophet's Pipefish [66250]		Species or species habitat may occur within area
Maroubra perserrata Sawtooth Pipefish [66252]		Species or species habitat may occur within area
Mitotichthys meraculus Western Crested Pipefish [66259]		Species or species habitat may occur within area
Nannocampus subosseus Bonyhead Pipefish, Bony-headed Pipefish [66264]		Species or species habitat may occur within area
Phycodurus eques Leafy Seadragon [66267]		Species or species habitat may occur within area
Phyllopteryx taeniolatus Common Seadragon, Weedy Seadragon [66268]		Species or species habitat may occur within area
Pugnaso curtirostris Pugnose Pipefish, Pug-nosed Pipefish [66269]		Species or species habitat may occur within area
Solegnathus lettiensis Gunther's Pipehorse, Indonesian Pipefish [66273]		Species or species habitat may occur within area
Stigmatopora argus Spotted Pipefish, Gulf Pipefish [66276]		Species or species habitat may occur within area
Stigmatopora nigra Widebody Pipefish, Wide-bodied Pipefish, Black Pipefish [66277]		Species or species habitat may occur within area
Syngnathoides biaculeatus Double-end Pipehorse, Double-ended Pipehorse, Alligator Pipefish [66279]		Species or species habitat may occur within area
Urocampus carinirostris Hairy Pipefish [66282]		Species or species habitat may occur within area
Vanacampus margaritifer Mother-of-pearl Pipefish [66283]		Species or species habitat may occur within area
Mammals		
Arctocephalus forsteri New Zealand Fur-seal [20]		Species or species habitat may occur within area
Neophoca cinerea Australian Sea-lion [22]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Reptiles		
Aipysurus pooleorum Shark Bay Seasnake [66061]		Species or species habitat may occur within area

Name	Threatened	Type of Presence
Caretta caretta Loggerhead Turtle [1763]	Endangered	Foraging, feeding or related behaviour known to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Foraging, feeding or related behaviour known to occur within area
Disteira kingii Spectacled Seasnake [1123]		Species or species habitat may occur within area
Natator depressus Flatback Turtle [59257]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Pelamis platurus Yellow-bellied Seasnake [1091]		Species or species habitat may occur within area

Whales and other Cetaceans [\[Resource Information \]](#)

Name	Status	Type of Presence
Mammals		
Balaenoptera acutorostrata Minke Whale [33]		Species or species habitat may occur within area
Balaenoptera edeni Bryde's Whale [35]		Species or species habitat may occur within area
Balaenoptera musculus Blue Whale [36]	Endangered	Species or species habitat may occur within area
Caperea marginata Pygmy Right Whale [39]		Species or species habitat may occur within area
Delphinus delphis Common Dolphin, Short-beaked Common Dolphin [60]		Species or species habitat may occur within area
Eubalaena australis Southern Right Whale [40]	Endangered	Species or species habitat likely to occur within area
Grampus griseus Risso's Dolphin, Grampus [64]		Species or species habitat may occur within area
Lagenorhynchus obscurus Dusky Dolphin [43]		Species or species habitat may occur within area
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Species or species habitat known to occur within area
Orcinus orca Killer Whale, Orca [46]		Species or species habitat may occur within area
Stenella attenuata Spotted Dolphin, Pantropical Spotted Dolphin [51]		Species or species habitat may occur within area

Name	Status	Type of Presence
Tursiops aduncus Indian Ocean Bottlenose Dolphin, Spotted Bottlenose Dolphin [68418]		Species or species habitat likely to occur within area
Tursiops truncatus s. str. Bottlenose Dolphin [68417]		Species or species habitat may occur within area

Extra Information

Places on the RNE [[Resource Information](#)]

Note that not all Indigenous sites may be listed.

Name	State	Status
Natural		
Moore River to Murchison River Area	WA	Indicative Place
Drovers Cave National Park	WA	Registered
Islands between Dongara and Lancelin	WA	Registered
Historic		
Lubra Shipwreck	WA	Indicative Place

State and Territory Reserves [[Resource Information](#)]

Name	State
Beekeepers	WA
Boullanger, Whitlock, Favourite, Tern & Osprey Islands	WA
Drovers Cave	WA
Jurien Bay	WA
Lesueur	WA
Sandland Islands	WA
Unnamed WA11883	WA
Unnamed WA43786	WA
Unnamed WA48717	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		
Columba livia Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
Streptopelia senegalensis Laughing Turtle-dove, Laughing Dove [781]		Species or species habitat likely to occur within area
Mammals		
Capra hircus Goat [2]		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
Feral deer Feral deer species in Australia [85733]		Species or species habitat likely to occur within area

Name	Status	Type of Presence
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
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
Brachiaria mutica Para Grass [5879]		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
Genista sp. X Genista monspessulana Broom [67538]		Species or species habitat may occur within area
Olea europaea Olive, Common Olive [9160]		Species or species habitat may occur within area
Pinus radiata Radiata Pine Monterey Pine, Insignis Pine, Wilding Pine [20780]		Species or species habitat may 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

Coordinates

-30.24806 115.03987

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 Heritage and Register of National Estate properties, Wetlands of International 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.

For species where the distributions are well known, maps are digitised from sources such as recovery plans and detailed habitat studies. Where appropriate, core breeding, foraging and roosting areas are indicated under 'type of presence'. For species whose distributions are less well known, point locations are collated from government wildlife authorities, museums, and non-government organisations; bioclimatic distribution models are generated and these validated by experts. In some cases, the distribution maps are based solely on expert knowledge.

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.

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:

- [-Department of Environment, Climate Change and Water, New South Wales](#)
- [-Department of Sustainability and Environment, Victoria](#)
- [-Department of Primary Industries, Parks, Water and Environment, Tasmania](#)
- [-Department of Environment and Natural Resources, South Australia](#)
- [-Parks and Wildlife Service NT, NT Dept of Natural Resources, Environment and the Arts](#)
- [-Environmental and Resource Management, Queensland](#)
- [-Department of Environment and Conservation, Western Australia](#)
- [-Department of the Environment, Climate Change, Energy and Water](#)
- [-Birds Australia](#)
- [-Australian Bird and Bat Banding Scheme](#)
- [-Australian National Wildlife Collection](#)
- Natural history museums of Australia
- [-Museum Victoria](#)
- [-Australian Museum](#)
- [-SA 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, Atherton and Canberra](#)
- [-University of New England](#)
- [-Ocean Biogeographic Information System](#)
- [-Australian Government, Department of Defence](#)
- [-State Forests of NSW](#)
- [-Geoscience Australia](#)
- [-CSIRO](#)
- Other groups and individuals

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