



# **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 <u>Environment Assessments</u> and the EPBC Act including significance guidelines, forms and application process details.

Report created: 28/08/12 19:33:09

Summary Details

Matters of NES
Other Matters Protected by the EPBC Act
Extra Information

Caveat

**Acknowledgements** 



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

Coordinates
Buffer: 5.0Km



#### 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 <u>Administrative Guidelines on Significance</u>.

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance:	None
Great Barrier Reef Marine Park:	None
Commonwealth Marine Areas:	None
Listed Threatened Ecological Communities:	1
Listed Threatened Species:	59
Listed Migratory Species:	60

#### 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 <a href="https://example.com/heritage-values">heritage-values</a> 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 <u>permit</u> 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:	92
Whales and Other Cetaceans:	14
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:	3
State and Territory Reserves:	6
Regional Forest Agreements:	None
Invasive Species:	9
Nationally Important Wetlands:	1
Key Ecological Features (Marine)	None

#### **Details**

Matters of National Environmental Significance

#### Listed Threatened Ecological Communities

[ Resource Information ]

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

·		
Name	Status	Type of Presence
Lowland Rainforest of Subtropical Australia	Critically Endangered	Community may occur within area
Listed Threatened Species		[ Resource Information ]
Name	Status	Type of Presence
Birds		
Anthochaera phrygia		
Regent Honeyeater [82338]	Endangered	Species or species habitat may occur within area
Botaurus poiciloptilus		
Australasian Bittern [1001]  Cyclopsitta diophthalma coxeni	Endangered	Species or species habitat known to occur within area
Coxen's Fig-Parrot [59714]	Endangered	Species or species
Diomedea exulans exulans	Lituarigered	habitat likely to occur within area
Tristan Albatross [82337]	Endangered	Foraging, feeding or
Erythrotriorchis radiatus	Lindangorod	related behaviour may occur within area
Red Goshawk [942]	Vulnerable	Species or species
	Valiforable	habitat known to occur within area
Fregetta grallaria grallaria		
White-bellied Storm-Petrel (Tasman Sea), White-bellied Storm-Petrel (Australasian) [64438]	Vulnerable	Species or species habitat likely to occur within area
Lathamus discolor Swift Parrot [744]	Endangarad	Charina ar angaina
	Endangered	Species or species habitat likely to occur within area
Macronectes giganteus	Fadanasad	Caraina ay anasina
Southern Giant-Petrel [1060]	Endangered	Species or species

Name	Status	Type of Presence habitat may occur with
Magrapagtas halli		area
Macronectes halli Northern Giant-Petrel [1061]	Vulnerable	Species or species habitat may occur with area
Poephila cincta cincta	Endonosia	0
Black-throated Finch (southern) [64447]	Endangered	Species or species habitat may occur with area
Pterodroma neglecta neglecta Kermadec Petrel (western) [64450]	Vulnerable	Species or species
, , , , ,	vuirierable	habitat may occur with area
Rostratula australis Australian Painted Snipe [77037]	Vulnerable	Species or species habitat likely to occur within area
Thalassarche melanophris impavida		
Campbell Albatross [82449]	Vulnerable	Species or species habitat may occur with area
Turnix melanogaster Black-breasted Button-quail [923]	Vulnerable	Species or species
	v uniolabic	habitat likely to occur within area
Fish Epinephelus daemelii		
Black Rockcod, Black Cod, Saddled Rockcod [68449]	Vulnerable	Species or species habitat may occur with area
Maccullochella mariensis Mary River Cod [83806]	Endangered	Species or species habitat likely to occur within area
Frogs		
Litoria olongburensis		
Wallum Sedge Frog [1821]	Vulnerable	Species or species habitat known to occur within area
Mixophyes iteratus Giant Barred Frog, Southern Barred Frog [1944]	Endangered	Species or species habitat likely to occur within area
Mammals		
Balaenoptera musculus		
Blue Whale [36]  Chalinolobus dwyeri	Endangered	Species or species habitat may occur with area
Large-eared Pied Bat, Large Pied Bat [183]	Vulnerable	Species or species
	vunierable	habitat may occur with area
Dasyurus hallucatus Northern Quoll [331]	Endangered	Species or species
Dasyurus maculatus maculatus (SE mainland popula	Ç	habitat may occur with area
Dasyurus maculatus maculatus (SE mainiano popula Spot-tailed Quoll, Spotted-tail Quoll, Tiger Quoll	Endangered	Species or species
(southeastern main and population) [75184]	Lindingolod	habitat may occur with area
<u>Eubalaena australis</u> Southern Right Whale [40]	Endangered	Species or species
	Lindangored	habitat likely to occur within area
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Breeding known to occ within area
		maini aroa
Phascolarctos cinereus (combined populations of Qld	, NSW and the ACT)	

Name Potorous tridactylus tridactylus	Status	Type of Presence
Long-nosed Potoroo (SE mainland) [66645]	Vulnerable	Species or species habitat may occur within area
Pteropus poliocephalus Grey-headed Flying-fox [186]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Xeromys myoides Water Mouse, False Water Rat [66]	Vulnerable	Species or species habitat known to occur within area
Plants		
Acacia attenuata [10690]	Vulnerable	Species or species habitat likely to occur within area
Allocasuarina defungens Dwarf Heath Casuarina [21924]	Endangered	Species or species habitat may occur within area
Allocasuarina emuina Emu Mountain Sheoak [21926]	Endangered	Species or species habitat likely to occur within area
Allocasuarina thalassoscopica [21927]	Endangered	Species or species habitat likely to occur within area
<u>Arthraxon hispidus</u> Hairy-joint Grass [9338]	Vulnerable	Species or species habitat may occur within area
<u>Baloghia marmorata</u> Marbled Balogia, Jointed Baloghia [8463]	Vulnerable	Species or species habitat may occur within area
Bosistoa selwynii Heart-leaved Bosistoa [13702]	Vulnerable	Species or species habitat likely to occur within area
Bosistoa transversa Three-leaved Bosistoa [16091]	Vulnerable	Species or species habitat likely to occur within area
Bulbophyllum globuliforme Miniature Moss-orchid [6649]	Vulnerable	Species or species habitat likely to occur within area
Cryptocarya foetida Stinking Cryptocarya, Stinking Laurel [11976]	Vulnerable	Species or species habitat likely to occur within area
Eucalyptus conglomerata Swamp Stringybark [3160]	Endangered	Species or species habitat likely to occur within area
Macadamia ternifolia Small-fruited Queensland Nut, Gympie Nut [7214]	Vulnerable	Species or species habitat likely to occur within area
Phaius australis Lesser Swamp-orchid [5872]	Endangered	Species or species habitat likely to occur within area
Phebalium distans Mt Berryman Phebalium [81869]	Critically Endangered	Species or species habitat may occur within area
Plectranthus torrenticola		

Name	Status	Type of Presence
Prasophyllum wallum [55148]	Vulnerable	Species or species habitat likely to occur
		within area
Streblus pendulinus Siah's Backbone, Sia's Backbone, Isaac Wood 21618]	Endangered	Species or species habitat likely to occur within area
<u>Faeniophyllum muelleri</u> Minute Orchid, Ribbon-root Orchid [10771]	Vulnerable	Species or species habitat may occur within area
Triunia robusta [14747]	Endangered	Species or species habitat known to occur within area
Reptiles		William Grod
Caretta caretta Loggerhead Turtle [1763]	Endangered	Species or species habitat known to occur within area
<u>Chelonia mydas</u> Green Turtle [1765]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Coeranoscincus reticulatus Three-toed Snake-tooth Skink [59628]	Vulnerable	Species or species habitat may occur within area
<u>Delma torquata</u> Collared Delma [1656]	Vulnerable	Species or species habitat may occur within area
Dermochelys coriacea		alea
Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Species or species habitat likely to occur within area
Eretmochelys imbricata Hawksbill Turtle [1766]	Vulnerable	Species or species habitat likely to occur within area
<del>Furina dunmalli</del> Dunmall's Snake [59254]	Vulnerable	Species or species habitat may occur within area
<u>Lepidochelys olivacea</u> Dlive Ridley Turtle, Pacific Ridley Turtle [1767]	Endangered	Species or species habitat likely to occur within area
Natator depressus Flatback Turtle [59257]	Vulnerable	Species or species habitat likely to occur within area
Sharks		within alba
Carcharias taurus (east coast population) Grey Nurse Shark (east coast population) [68751]	Critically Endangered	Species or species habitat may occur within area
Pristis zijsron Green Sawfish, Dindagubba, Narrowsnout Sawfish 68442]	Vulnerable	Species or species habitat may occur within area
Rhincodon typus Whale Shark [66680]	Vulnerable	Species or species habitat may occur within area
Listed Migratory Species  Species is listed under a different scientific name on	the EPBC Act - Threatene	[ Resource Information of Species list.
Name	Threatened	Type of Presence

Name	Threatened	Type of Presence
Apus pacificus Fork-tailed Swift [678]		Species or species habitat may occur within area
Ardea alba Great Egret, White Egret [59541]		Species or species habitat may occur within
Ardea ibis		area
Cattle Egret [59542]		Species or species habitat may occur within area
Calonectris leucomelas Streaked Shearwater [1077]		Species or species habitat may occur within area
Diomedea dabbenena Tristan Albatross [66471]	Endangered*	Foraging, feeding or related behaviour may occur within area
Macronectes giganteus Southern Giant-Petrel [1060]	Endangered	Species or species
	Liluangereu	habitat may occur within area
Macronectes halli Northern Giant-Petrel [1061]	Vulnerable	Species or species habitat may occur within area
Puffinus leucomelas Streaked Shearwater [66541]		Species or species habitat may occur within area
Puffinus pacificus Wedge-tailed Shearwater [1027]		Breeding known to occur within area
Sterna albifrons Little Tern [813]		Species or species habitat may occur within
Thalassarche impavida		area
Campbell Albatross [64459]	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
Caretta caretta Loggerhead Turtle [1763]	Endangered	Species or species habitat known to occur within area
<u>Chelonia mydas</u>		
Green Turtle [1765]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
<u>Dermochelys coriacea</u> Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Species or species habitat likely to occur within area
<u>Dugong dugon</u> Dugong [28]		Species or species habitat known to occur
		within area

Name  Fuhalagna quetralia	Threatened	Type of Presence
Eubalaena australis Southern Right Whale [40]	Endangered	Species or species habitat likely to occur within area
Lagenorhynchus obscurus Dusky Dolphin [43]		Species or species
Lampa pagua		habitat may occur within area
Lamna nasus Porbeagle, Mackerel Shark [83288]		Species or species habitat may occur within area
Lepidochelys olivacea Olive Ridley Turtle, Pacific Ridley Turtle [1767]	Endangered	Species or species habitat likely to occur within area
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Breeding known to occur within area
Natator depressus Flatback Turtle [59257]	Vulnerable	Species or species habitat likely to occur
Orcaella brevirostris		within area
Irrawaddy Dolphin [45]		Species or species habitat may 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
Sousa chinensis Indo-Pacific Humpback Dolphin [50]		Species or species habitat may occur within
Migratory Terrestrial Species		area
Migratory Terrestrial Species Cyclopsitta diophthalma_coxeni		
Cyclopsitta diophthalma_coxeni Coxen's Fig-Parrot [59714]	Endangered	
Cyclopsitta diophthalma coxeni	Endangered	area Species or species habitat likely to occur
Cyclopsitta diophthalma coxeni Coxen's Fig-Parrot [59714]  Haliaeetus leucogaster	Endangered	Species or species habitat likely to occur within area  Species or species habitat likely to occur within area  Species or species habitat known to occur
Cyclopsitta diophthalma coxeni Coxen's Fig-Parrot [59714]  Haliaeetus leucogaster White-bellied Sea-Eagle [943]  Hirundapus caudacutus	Endangered	Species or species habitat likely to occur within area  Species or species habitat likely to occur within area  Species or species habitat known to occur within area  Species or species habitat may occur within
Cyclopsitta diophthalma_coxeni Coxen's Fig-Parrot [59714]  Haliaeetus leucogaster White-bellied Sea-Eagle [943]  Hirundapus caudacutus White-throated Needletail [682]	Endangered	Species or species habitat likely to occur within area  Species or species habitat likely to occur within area  Species or species habitat known to occur within area  Species or species habitat known to occur within area  Species or species habitat may occur within area  Species or species
Cyclopsitta diophthalma coxeni Coxen's Fig-Parrot [59714]  Haliaeetus leucogaster White-bellied Sea-Eagle [943]  Hirundapus caudacutus White-throated Needletail [682]  Merops ornatus Rainbow Bee-eater [670]	Endangered	Species or species habitat likely to occur within area  Species or species habitat likely to occur within area  Species or species habitat known to occur within area  Species or species habitat may occur within area
Cyclopsitta diophthalma_coxeni Coxen's Fig-Parrot [59714]  Haliaeetus leucogaster White-bellied Sea-Eagle [943]  Hirundapus caudacutus White-throated Needletail [682]  Merops ornatus Rainbow Bee-eater [670]  Monarcha melanopsis Black-faced Monarch [609]  Monarcha trivirgatus Spectacled Monarch [610]	Endangered	Species or species habitat likely to occur within area  Species or species habitat likely to occur within area  Species or species habitat known to occur within area  Species or species habitat may occur within area  Species or species habitat may occur within area  Species or species habitat known to occur
Cyclopsitta diophthalma_coxeni Coxen's Fig-Parrot [59714]  Haliaeetus leucogaster White-bellied Sea-Eagle [943]  Hirundapus caudacutus White-throated Needletail [682]  Merops ornatus Rainbow Bee-eater [670]  Monarcha melanopsis Black-faced Monarch [609]  Monarcha trivirgatus Spectacled Monarch [610]  Myiagra cyanoleuca Satin Flycatcher [612]	Endangered	Species or species habitat likely to occur within area  Species or species habitat likely to occur within area  Species or species habitat known to occur within area  Species or species habitat may occur within area  Species or species habitat may occur within area  Species or species habitat known to occur within area  Species or species habitat known to occur within area
Cyclopsitta diophthalma_coxeni Coxen's Fig-Parrot [59714]  Haliaeetus leucogaster White-bellied Sea-Eagle [943]  Hirundapus caudacutus White-throated Needletail [682]  Merops ornatus Rainbow Bee-eater [670]  Monarcha melanopsis Black-faced Monarch [609]  Monarcha trivirgatus Spectacled Monarch [610]  Myiagra cyanoleuca	Endangered	Species or species habitat likely to occur within area  Species or species habitat likely to occur within area  Species or species habitat known to occur within area  Species or species habitat may occur within area  Species or species habitat may occur within area  Species or species habitat known to occur within area  Breeding likely to occur within area  Breeding likely to occur

Name Migratory Wetlands Species	Threatened	Type of Presence
Actitis hypoleucos		
Common Sandpiper [59309]		Roosting known to occur within area
Ardea alba		
Great Egret, White Egret [59541]		Species or species habitat may occur within area
<u>Ardea ibis</u>		
Cattle Egret [59542]		Species or species habitat may occur within area
Arenaria interpres Ruddy Turnstone [872]		Roosting known to occur within area
Calidris alba		
Sanderling [875]		Roosting known to occur within area
Curlow Sandpiper [956]		Poorting known to occur
Curlew Sandpiper [856]  Calidris ruficollis		Roosting known to occur within area
Red-necked Stint [860]		Roosting known to occur
Calidris tenuirostris		within area
Great Knot [862]		Roosting known to occur
		within area
Charadrius bicinctus		
Double-banded Plover [895]		Roosting known to occur within area
Charadrius leschenaultii Croster Sand Blover Large Sand Blover (977)		Poorting known to occur
Greater Sand Plover, Large Sand Plover [877]		Roosting known to occur within area
Charadrius mongolus Legger Sand Player, Mangalian Player 19701		Poorting known to occur
Lesser Sand Plover, Mongolian Plover [879]		Roosting known to occur within area
Gallinago hardwickii Latham's Snipe, Japanese Snipe [863]		Roosting may occur
		within area
Heteroscelus brevipes Croy toiled Tettler [50311]		Poorting known to occur
Grey-tailed Tattler [59311]		Roosting known to occur within area
Limicola falcinellus Broad-billed Sandpiper [842]		Deseting known to accur
		Roosting known to occur within area
Limosa Iapponica Bar-tailed Godwit [844]		Roosting known to occur
Limosa limosa		within area
Black-tailed Godwit [845]		Roosting known to occur
Numenius madagascariensis		within area
Eastern Curlew [847]		Roosting known to occur
Numenius minutus		within area
Little Curlew, Little Whimbrel [848]		Roosting likely to occur within area
Numenius phaeopus		**************************************
Whimbrel [849]		Roosting known to occur within area
Pluvialis fulva		
Pacific Golden Plover [25545]		Roosting known to occur within area
Pluvialis squatarola Grey Plover [865]		Roosting known to occur
Postratula hanghalansis (consulata)		within area
Rostratula benghalensis (sensu lato) Painted Snipe [889]	Vulnerable*	Species or species
r annot ompo [000]	v dil loi dolo	habitat likely to occur within area
Xenus cinereus		
Terek Sandpiper [59300]		Roosting known to occur

Name	Threatened	Type of Presence
		within area

#### Other Matters Protected by the EPBC Act

Other Matters i Totected by the Li bo Act		
Listed Marine Species		[ Resource Information
* Species is listed under a different scientific name of	on the EPBC Act - Threatened	d Species list.
Name	Threatened	Type of Presence
Birds		•
Actitis hypoleucos		
Common Sandpiper [59309]		Roosting known to occur within area
Anseranas semipalmata		
Magpie Goose [978]		Species or species habitat may occur within area
Apus pacificus		
Fork-tailed Swift [678]		Species or species habitat may occur within area
Ardea alba		0
Great Egret, White Egret [59541]		Species or species habitat may occur within area
Ardea ibis		
Cattle Egret [59542]		Species or species habitat may occur within area
Arenaria interpres		
Ruddy Turnstone [872]		Roosting known to occur within area
Calidris alba		
Sanderling [875]		Roosting known to occur within area
Calidris ferruginea		- · · · ·
Curlew Sandpiper [856]		Roosting known to occur within area
Calidris ruficollis  Pad packed Stint 19601		Departing language to accoun
Red-necked Stint [860]		Roosting known to occur within area
Calidris tenuirostris		Desetion Income to seem
Great Knot [862]  Calonectris leucomelas		Roosting known to occur within area
Streaked Shearwater [1077]		Species or species
Catharacta skua		habitat may occur within area
Great Skua [59472]		Species or species
Grout Onda [007/2]		habitat may occur within

Name	Threatened	Type of Presence
		area
Charadrius bicinctus  Double-handed Player [895]		Possting known to occur
Double-banded Plover [895]		Roosting known to occur within area
Charadrius leschenaultii		
Greater Sand Plover, Large Sand Plover [877]		Roosting known to occur
Charadrius mongolus		within area
Lesser Sand Plover, Mongolian Plover [879]		Roosting known to occur
		within area
Charadrius ruficapillus  Pada and Physica (2011)		Described by the second
Red-capped Plover [881]		Roosting known to occur within area
<u>Diomedea dabbenena</u>		
Tristan Albatross [66471]	Endangered*	Foraging, feeding or
		related behaviour may occur within area
Gallinago hardwickii		occui within area
Latham's Snipe, Japanese Snipe [863]		Roosting may occur
Gallinago megala		within area
Gallinago megala Swinhoe's Snipe [864]		Roosting likely to occur
Chimico o Orinpo [00-1]		within area
Gallinago stenura		
Pin-tailed Snipe [841]		Roosting likely to occur within area
Haliaeetus leucogaster		witilli alea
White-bellied Sea-Eagle [943]		Species or species
		habitat likely to occur
Heteroscelus brevipes		within area
Grey-tailed Tattler [59311]		Roosting known to occur
Hatawaaalia Saaania		within area
Heteroscelus incanus Wandering Tattler [59547]		Roosting known to occur
Wandering Tattler [59547]		within area
<u>Himantopus himantopus</u>		
Black-winged Stilt [870]		Roosting known to occur within area
Hirundapus caudacutus		wittiiii alea
White-throated Needletail [682]		Species or species
		habitat known to occur
Lathamus discolor		within area
Swift Parrot [744]	Endangered	Species or species
		habitat likely to occur within area
Limicola falcinellus		within area
Broad-billed Sandpiper [842]		Roosting known to occur
Limosa lapponica		within area
Bar-tailed Godwit [844]		Roosting known to occur
		within area
Limosa limosa		Baratina I
Black-tailed Godwit [845]		Roosting known to occur within area
Macronectes giganteus		mam aroa
Southern Giant-Petrel [1060]	Endangered	Species or species
		habitat may occur within area
Macronectes halli		area
Northern Giant-Petrel [1061]	Vulnerable	Species or species
		habitat may occur within
Merops ornatus		area
Rainbow Bee-eater [670]		Species or species
		habitat may occur within
Monarcha melanopsis		area
Black-faced Monarch [609]		Species or species
		habitat known to occur
		within area

Name Monarcha trivirgatus	Threatened	Type of Presence
		Prooding likely to occur
Spectacled Monarch [610]		Breeding likely to occur within area
Myiagra cyanoleuca Satin Flycatcher [612]		Breeding likely to occur within area
Numenius madagascariensis Eastern Curlew [847]		Roosting known to occur
Numenius minutus		within area
Little Curlew, Little Whimbrel [848]		Roosting likely to occur within area
<u>Numenius phaeopus</u> Whimbrel [849]		Roosting known to occur within area
Pluvialis fulva Pacific Golden Plover [25545]		Roosting known to occur
Pluvialis squatarola		within area
Grey Plover [865]		Roosting known to occur within area
Puffinus pacificus Wedge-tailed Shearwater [1027]		Breeding known to occur within area
<u>Rhipidura rufifrons</u> Rufous Fantail [592]		Breeding may occur within area
Rostratula benghalensis (sensu lato)		
Painted Snipe [889]	Vulnerable*	Species or species habitat likely to occur within area
Sterna albifrons Little Tern [813]		Species or species habitat may occur within area
Thalassarche impavida	Volas valsta*	
Campbell Albatross [64459]	Vulnerable*	Species or species habitat may occur within area
Xenus cinereus Terek Sandpiper [59300]		Roosting known to occur within area
Fish		
Acentronura tentaculata Shortpouch Pygmy Pipehorse [66187]		Species or species habitat may occur within area
Campichthys tryoni Tryon's Pipefish [66193]		Species or species habitat may occur within area
Corythoichthys amplexus Fijian Banded Pipefish, Brown-banded Pipefish [66199]		Species or species habitat may occur within
Corythoichthys ocellatus		area
Orange-spotted Pipefish, Ocellated Pipefish [66203]		Species or species habitat may occur within area
Festucalex cinctus		
Girdled Pipefish [66214]		Species or species habitat may occur within area
Filicampus tigris		
Tiger Pipefish [66217]		Species or species habitat may occur within area
Halicampus grayi		_
Mud Pipefish, Gray's Pipefish [66221]		Species or species habitat may occur within

Name Hippichthys cyanospilos Blue-speckled Pipefish, Blue-spotted Pipefish [66228] Species or species habitat may occur within area  Hippichthys heptagonus  Madura Pipefish, Reticulated Freshwater Pipefish [66229] Species or species habitat may occur within area  Hippichthys penicillus  Beady Pipefish, Steep-nosed Pipefish [66231] Species or species habitat may occur within area  Hippichthys penicillus  Beady Pipefish, Steep-nosed Pipefish [66231] Species or species habitat may occur within area  Hippocampus kelloggi  Kellogg's Seahorse, Great Seahorse [66723] Species or species habitat may occur within area  Hippocampus kuda  Spotted Seahorse, Yellow Seahorse [66237] Species or species habitat may occur within area  Hippocampus planifrons  Flat-face Seahorse [66238] Species or species habitat may occur within area  Hippocampus whitei  White's Seahorse, Crowned Seahorse, Sydney Species or species habitat may occur within area  Javelin Pipefish [66251] Species or species habitat may occur within area  Maroubra perserrata  Sawtooth Pipefish [66252] Species or species habitat may occur within area  Micrognathus andersonii  Anderson's Pipefish, Shortnose Pipefish [66253] Species or species habitat may occur within area  Micrognathus brevirostris  thorntail Pipefish, Thorn-tailed Pipefish [66254] Species or species habitat may occur within area
Blue-speckled Pipefish, Blue-spotted Pipefish (66228) Hippichthys heptagonus Madura Pipefish, Reticulated Freshwater Pipefish (66229) Hippichthys penicillus Beady Pipefish, Steep-nosed Pipefish [66231] Hippocampus kelloggi Kelloggis Seahorse, Great Seahorse [66723] Hippocampus kelloggi Kelloggis Seahorse, Great Seahorse [66237] Hippocampus kelloggi Kelloggis Seahorse, Great Seahorse [66237] Hippocampus kuda Spotted Seahorse, Yellow Seahorse [66237] Species or species habitat may occur within area Hippocampus planifrons Flat-face Seahorse [66238] Hippocampus planifrons Flat-face Seahorse [66238] Species or species habitat may occur within area Hippocampus whitei White's Seahorse, Crowned Seahorse, Sydney Seahorse [66240] Species or species habitat may occur within area Lissocampus runa Javelin Pipefish [66251] Species or species habitat may occur within area Maroubra perserrata Sawtooth Pipefish [66252] Micrognathus andersonii Anderson's Pipefish, Shortnose Pipefish [66253] Micrognathus brevirostris thorntail Pipefish, Thorn-tailed Pipefish [66254] Micrognathus brevirostris thorntail Pipefish, Thorn-tailed Pipefish [66254] Species or species habitat may occur within area Micrognathus brevirostris thorntail Pipefish, Thorn-tailed Pipefish [66254] Species or species habitat may occur within area
Hippichthys heptagonus Madura Pipefish, Reticulated Freshwater Pipefish [66229] Habitat may occur within area  Hippichthys penicillus Beady Pipefish, Steep-nosed Pipefish [66231] Species or species habitat may occur within area  Hippocampus kelloggi Kellogg's Seahorse, Great Seahorse [66723] Species or species habitat may occur within area  Hippocampus kuda Spotted Seahorse, Yellow Seahorse [66237] Species or species habitat may occur within area  Hippocampus planifrons Flat-face Seahorse [66238] Species or species habitat may occur within area  Hippocampus whitei White's Seahorse, Crowned Seahorse, Sydney Seahorse, (66240] Species or species habitat may occur within area  Javelin Pipefish [66251] Species or species habitat may occur within area  Maroubra perserrata Sawtooth Pipefish [66252] Species or species habitat may occur within area  Micrognathus andersonii Anderson's Pipefish, Shortnose Pipefish [66253] Species or species habitat may occur within area  Micrognathus brevirostris thorntail Pipefish, Thorn-tailed Pipefish [66254] Species or species habitat may occur within area
Hippichthys penicillus Beady Pipefish, Steep-nosed Pipefish [66231] Beady Pipefish, Steep-nosed Pipefish [66231] Species or species habitat may occur within area  Hippocampus kelloggi Kellogg's Seahorse, Great Seahorse [66723] Species or species habitat may occur within area  Hippocampus kuda Spotted Seahorse, Yellow Seahorse [66237] Species or species habitat may occur within area  Hippocampus planifrons Flat-face Seahorse [66238] Species or species habitat may occur within area  Hippocampus whitei White's Seahorse, Crowned Seahorse, Sydney Seahorse [66240] Species or species habitat may occur within area  Lissocampus runa Javelin Pipefish [66251] Species or species habitat may occur within area  Maroubra perserrata Sawtooth Pipefish [66252] Species or species habitat may occur within area  Micrognathus andersonii Anderson's Pipefish, Shortnose Pipefish [66253] Species or species habitat may occur within area  Micrognathus brevirostris thorntail Pipefish, Thorn-tailed Pipefish [66254] Species or species habitat may occur within area
Hippocampus kelloggi Kellogg's Seahorse, Great Seahorse [66723] Species or species habitat may occur within area  Hippocampus kuda Spotted Seahorse, Yellow Seahorse [66237] Species or species habitat may occur within area  Hippocampus planifrons Flat-face Seahorse [66238] Species or species habitat may occur within area  Hippocampus whitei White's Seahorse, Crowned Seahorse, Sydney Seahorse [66240] Species or species habitat may occur within area  Lissocampus runa Javelin Pipefish [66251] Species or species habitat may occur within area  Maroubra perserrata Sawtooth Pipefish [66252] Species or species habitat may occur within area  Micrognathus andersonii Anderson's Pipefish, Shortnose Pipefish [66253] Species or species habitat may occur within area  Micrognathus brevirostris thorntail Pipefish, Thorn-tailed Pipefish [66254] Species or species habitat may occur within area
Hippocampus kuda  Spotted Seahorse, Yellow Seahorse [66237]  Species or species habitat may occur within area  Hippocampus planifrons  Flat-face Seahorse [66238]  Species or species habitat may occur within area  Hippocampus whitei  White's Seahorse, Crowned Seahorse, Sydney Seahorse [66240]  Lissocampus runa  Javelin Pipefish [66251]  Maroubra perserrata  Sawtooth Pipefish [66252]  Species or species habitat may occur within area  Micrognathus andersonii  Anderson's Pipefish, Shortnose Pipefish [66253]  Species or species habitat may occur within area  Micrognathus brevirostris  thorntail Pipefish, Thorn-tailed Pipefish [66254]  Species or species habitat may occur within area
Hippocampus planifrons Flat-face Seahorse [66238]  Flat-face Seahorse [66238]  White's Seahorse, Crowned Seahorse, Sydney Species or species Seahorse [66240]  Lissocampus runa  Javelin Pipefish [66251]  Maroubra perserrata Sawtooth Pipefish [66252]  Anderson's Pipefish, Shortnose Pipefish [66253]  Anderson's Pipefish, Shortnose Pipefish [66254]  Micrognathus brevirostris  thorntail Pipefish, Thorn-tailed Pipefish [66254]  Species or species
Hippocampus whitei  White's Seahorse, Crowned Seahorse, Sydney Seahorse [66240] Lissocampus runa  Javelin Pipefish [66251] Species or species habitat may occur within area  Maroubra perserrata Sawtooth Pipefish [66252] Species or species habitat may occur within area  Micrognathus andersonii Anderson's Pipefish, Shortnose Pipefish [66253] Species or species habitat may occur within area  Micrognathus brevirostris thorntail Pipefish, Thorn-tailed Pipefish [66254] Species or species habitat may occur within area  Species or species habitat may occur within area
Lissocampus runa  Javelin Pipefish [66251]  Species or species habitat may occur within area  Maroubra perserrata  Sawtooth Pipefish [66252]  Species or species habitat may occur within area  Micrognathus andersonii  Anderson's Pipefish, Shortnose Pipefish [66253]  Species or species habitat may occur within area  Micrognathus brevirostris  thorntail Pipefish, Thorn-tailed Pipefish [66254]  Species or species habitat may occur within area
Sawtooth Pipefish [66252]  Species or species habitat may occur within area  Micrognathus andersonii  Anderson's Pipefish, Shortnose Pipefish [66253]  Species or species habitat may occur within area  Micrognathus brevirostris  thorntail Pipefish, Thorn-tailed Pipefish [66254]  Species or species habitat may occur within area
Anderson's Pipefish, Shortnose Pipefish [66253]  Species or species habitat may occur within area  Micrognathus brevirostris thorntail Pipefish, Thorn-tailed Pipefish [66254]  Species or species habitat may occur within area
Micrognathus brevirostris thorntail Pipefish, Thorn-tailed Pipefish [66254] Species or species habitat may occur within area
Microphis manadensis
Manado Pipefish, Manado River Pipefish [66258] Species or species habitat may occur within area
Solegnathus dunckeri  Duncker's Pipehorse [66271]  Species or species habitat may occur within area
Solegnathus hardwickii Pallid Pipehorse, Hardwick's Pipehorse [66272] Species or species habitat may occur within area
Solegnathus spinosissimus Spiny Pipehorse, Australian Spiny Pipehorse Species or species habitat may occur within area
Solenostomus cyanopterus  Robust Ghostpipefish, Blue-finned Ghost Pipefish,  [66183]  Species or species habitat may occur within area
Solenostomus paegnius  Rough-snout Ghost Pipefish [68425]  Species or species habitat may occur within area
Solenostomus paradoxus  Ornate Ghostpipefish, Harlequin Ghost Pipefish, Ornate Ghost Pipefish [66184]  Species or species habitat may occur within area

Stematopora nigra  Widebody Pipefish, Wide-bodied Pipefish, Black Pipefish (68277)  Synonathoides biaculeatus  Synonathoides biaculeatus  Synonathoides biaculeatus  Synonathoides biaculeatus  Species or species habitat may occur within area  Irachyrhamphus bicoarcatus  Species or species habitat may occur within area  Irachyrhamphus bicoarcatus  Species or species habitat may occur within area  Irachyrhamphus carinfostris  Hairy Pipefish (66280)  Species or species habitat may occur within area  Irachyrhamphus carinfostris  Hairy Pipefish (66282)  Species or species habitat may occur within area  Vanacampus margaritifer  Wother-of-pearl Pipefish (66283)  Species or species habitat may occur within area  Vanacampus margaritifer  Wother-of-pearl Pipefish (66283)  Species or species habitat may occur within area  Vanacampus margaritifer  Wother-of-pearl Pipefish (66283)  Species or species habitat may occur within area  Vanacampus margaritifer  Wother-of-pearl Pipefish (66283)  Species or species habitat may occur within area  Valingus laevis  Species or species habitat may occur within area  Valingus laevis  Species or species habitat may occur within area  Valingus laevis  Species or species habitat may occur within area  Valingus laevis  Species or species habitat may occur within area  Species or species habitat may occur within area  Caretta caretta  Caretta	Name	Threatened	Type of Presence
Midebook   Pipefish, Wide-bodied Pipefish, Black   Pipefish (68277]   habitat may occur within area		Tilleaterieu	Type of Fresence
Syngnathoides blaculeatus Double-end Pipehorse, Double-ended Pipehorse, Miligator Pipeirsh (66279) Frachyrhamphus bicoarctatus Bentsick Pipeifish, Bend Stick Pipeifish, Short- alidel Pipeifish (66280) Mabilat may occur within area  Species or species or species habitat may occur within area  Jogongus carinitostris Hairy Pipeifish (66282) Habitat may occur within area  Species or species habitat may occur within area  Species or species habitat may occur within area  Species or species habitat may occur within area  Jugong dupon  Jugongus Bender Species or species habitat may occur within area  Alpysurus laevis  Dikve Seasnake [1120] Species or species habitat may occur within area  Species or species habitat may occur within area  Lagogerhead Turtle [1763] Species or species habitat may occur within area  Caretta caretta  Loggerhead Turtle [1765] Vulnerable  Foraging, feeding or related behaviour known to occur within area  Leatherback Turtle, Leathery Turtle, Luth [1768] Species or species habitat likely to occur within area  Disteira kingli Species or species habitat likely to occur within area  Species or species habitat likely to occur within area  Species or species habitat likely to occur within area  Species or species habitat likely to occur within area  Species or species habitat may occur within area  Species or species habitat may occur within area  Species or species habitat likely to occur within area  Species or species habitat likely to occur within area  Species or species habitat may occur within area  S	Widebody Pipefish, Wide-bodied Pipefish, Black		
Double-end Pipehorse, Double-ended Pipehorse, Alligator Pipefish (66279) habitat may occur within area   Trachyrhamphus bicoarctatus  Bentsick Pipefish, Bend Stick Pipefish, Short-  alialed Pipefish (66280) habitat may occur within area   Species or species habitat known to occur within area   Species or species habitat known to occur within area   Species or species habitat may occur within area   Species or species habitat without occur within area   Caretta caretta  Species or species habitat without occur within area   Caretta caretta  Species or species habitat within area   Species or species habitat may occur within area   Species or species habitat may			-
Altigator Piperish (56279) Inabitat may occur within area  Species or species habitat known to occur within area  Species or species habitat trang occur within area  Species or species habitat may occur within area  Species or species habitat known to occur within area  Species or species habitat known to occur within area  Caretta caretta  Species or species habitat may occur within area  Species or species habitat may occur within are			
Enabetische Pipelish, Bend Stick Pipelish, Short- alled Pipelish (66280)  Associated Pipelish (66280)  Associated Pipelish (66282)  Associated Pipelish (66282)  Associated Pipelish (66282)  Associated Pipelish (66283)  Associated Pipelish (6628)  Associ	Double-end Pipehorse, Double-ended Pipehorse, Alligator Pipefish [66279]		
Bentstick Pipefish, Bend Stick Pipefish, Short- ailed Pipefish (66280)  Lincampus cadministris Hairy Pipefish (66282)  Avanacampus margaritifer  Wolther-of-pearl Pipefish (66283)  Mammals  Dugong dugon  Dugong (28)  Readuptophis peronii Horned Seasnake [1114]  Alpysurus laevis  Dilive Seasnake [1120]  Species or species habitat may occur within area  Astrolia stokesii  Species or species habitat may occur within area  Alpysurus laevis  Dilive Seasnake [1120]  Species or species habitat may occur within area  Caretta caretta - oggerhead Turtle [1763]  Endangered  Species or species habitat may occur within area  Caretta caretta - oggerhead Turtle [1765]  Vulnerable  Foragin, feeding or related behaviour known to occur within area  Dermochelys coriacea  Leatherback Turtle, Leathery Turtle, Luth [1768]  Endangered  Species or species habitat may occur within area  Disteira kingil  Species or species habitat may occur within area  Disteira major  Dilve-headed Seasnake [1123]  Species or species habitat may occur within area  Eretmochelys imbricata  - lawksbill Turtle [1766]  Vulnerable  Species or species habitat may occur within area  Leatherback Turtle [1766]  Vulnerable  Species or species habitat may occur within area			area
Astrotia stokesii Slokes' Seasnake [1122] Species or species habitat may occur within area  Astrotia stokesii Slokes' Seasnake [1122] Species or species habitat may occur within area  Astrotia stokesii Slokes' Seasnake [1122] Species or species habitat may occur within area  Astrotia stokesii Slokes' Seasnake [1122] Species or species habitat may occur within area  Caretta caretta Leatherback Turtle [1765] Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768] Endangered Distelira major Distelira major Distelira major Dive-headed Seasnake [1124] Species or species habitat may occur within area  Caretta caretta Leatherback Turtle, Leathery Turtle, Luth [1768] Species or species habitat may occur within area  Distelira major Dive-headed Seasnake [1124] Species or species habitat may occur within area  Copyed to the control of the contro			0
Hairy Pipefish [66282]  Adanacampus margaritifer  Wother-of-pearl Pipefish [66283]  Mammals  Dugong dugon  Dugong [28]  Acalyptophis peronii  -formed Seasnake [1114]  Alpysurus laevis  Dilive Seasnake [1120]  Astrotia stokesii  Stokes' Seasnake [1122]  Caretta caretta  Loggerhead Turtle [1763]  Caretta Turtle [1765]  Dermochelys coriacea  Leatherback Turtle, Leathery Turtle, Luth [1768]  Dermochelys coriacea  Leatherback Turtle, Leathery Turtle, Luth [1768]  Endangered  Dermochelys coriacea  Leatherback Turtle, Leathery Turtle, Luth [1768]  Endangered  Species or species habitat may occur within area  Distelra kingli  Species or species habitat may occur within area  Species or species habitat may occur within area  Turtle-headed Seasnake [1124]  Species or species habitat may occur within area  Species or species habitat may occur within area  Fertenochelys imbricata  Hawkshill Turtle [1766]  Vulnerable  Species or species habitat may occur within area	Bentstick Pipetish, Bend Stick Pipetish, Short- tailed Pipetish [66280]		habitat may occur within
habitat may occur within area  Mother-of-pearl Pipefish (66283)  Mammals  Dugong dugon  Dugong (28)  Acalyptophis peronii  Horned Seasnake [1114]  Aspecies or species habitat may occur within area  Acalyptophis peronii  Horned Seasnake [1120]  Aspecies or species habitat may occur within area  Astrotia stokesii  Caretta caretta  Diverbead Turtle [1763]  Dermochelys coriacea  Leatherback Turtle, Leathery Turtle, Luth [1768]  Dermochelys coriacea  Leatherback Turtle, Leathery Turtle, Luth [1768]  Dermochelys coriacea  Leatherback Turtle, Leathery Turtle, Luth [1768]  Diverbeaded Seasnake [1123]  Disteira major  Diverbeaded Seasnake [1125]  Species or species habitat may occur within area  Disteira major  Diverbeaded Seasnake [1125]  Species or species habitat may occur within area	<u>Urocampus carinirostris</u>		
Mother-of-pearl Pipefish [66283]  Mammals  Dugong dugon  Dugong [28]  Species or species habitat may occur within area  Reptiles  Acalyptophis peronii  Horned Seasnake [1114]  Alpysurus laevis  Dilive Seasnake [1120]  Astrotia stokesii  Slockes' Seasnake [1122]  Species or species habitat may occur within area  Caretta caretta  Loggerhead Turtle [1763]  Endangered  Species or species habitat may 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  Species or species habitat likely to occur within area  Disteira kingii  Speciacled Seasnake [1123]  Species or species habitat may occur within area  Disteira major  Disteira major  Disteira major  Disteira major  Disteira habitat may occur within area  Species or species habitat may occur within area  Funydocephalus annulatus  Fundrophis elegans  Elegant Seasnake [1104]  Species or species habitat may occur within area  Laticauda laticaudata  a sea krait [1093]  Species or species habitat may occur within area	Hairy Pipefish [66282]		habitat may occur within
Mammals  Dugong dugon  Dugong (28)  Reptiles  Acalyptophis peronii  Horned Seasnake [1114]  Alipysurus laevis  Dilive Seasnake [1120]  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  Foraging, feeding or related behaviour known to occur within area  Dermochelys coriacea  Leatherback Turtle, Leathery Turtle, Luth [1768]  Endangered  Species or species habitat likely to occur within area  Disteira kingii  Spectacled Seasnake [1123]  Species or species habitat may occur within area  Disteira major  Dive-headed Seasnake [1124]  Species or species habitat may occur within area	Vanacampus margaritifer		
Dugong (28) Dugong (28) Species or species habitat known to occur within area  Reptiles Acalyptophis peronii Horned Seasnake [1114] Species or species habitat may occur within area  Alpysurus laevis Dilive Seasnake [1120] 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 Foraging, feeding or related behaviour known to occur within area  Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768] Endangered Species or species habitat likely to occur within area  Disteira kingii Spectacled Seasnake [1123] Species or species habitat may occur within area  Disteira major Dilve-headed Seasnake [1124] Species or species habitat may occur within area  Emydocephalus annulatus  Eurtle-headed Seasnake [1125] Species or species habitat may occur within area  Furtle-headed Seasnake [1126] Species or species habitat may occur within area	Mother-of-pearl Pipefish [66283]		habitat may occur within
Dugong [26] Species or species habitat known to occur within area  Acalyptophis peronii Horned Seasnake [1114] Species or species habitat may occur within area  Alpysurus laevis Dilive Seasnake [1120] Species or species habitat may occur within area  Astrolia stokesii Stokes' Seasnake [1122] Species or species habitat may occur within area  Caretta caretta Loggerhead Turtle [1763] Endangered Species or species habitat may 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 Species or species habitat likely to occur within area  Disteira kingii Speciacled Seasnake [1123] Species or species habitat may occur within area  Disteira major Diive-headed Seasnake [1124] Species or species habitat may occur within area  Emydocephalus annulatus Furtle-headed Seasnake [1125] Species or species habitat may occur within area  Eretmochelys imbricata -lawksbill Turtle [1766] Vulnerable Species or species habitat may occur within area	Mammals		aroa
habitat known to occur within area  Acalyptophis peronii Horned Seasnake [1114] Species or species habitat may occur within area  Alpysurus laevis  Dilve Seasnake [1120] Species or species habitat may occur within area  Astrotia stokesii Stokes' Seasnake [1122] Species or species habitat may occur within area  Astrotia stokesii Stokes' Seasnake [1122] 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 Foraging, feeding or related behaviour known to occur within area  Dermochelys coriacea  Leatherback Turtle, Leathery Turtle, Luth [1768] Endangered Species or species habitat likely to occur within area  Disteira kingii  Specitacled Seasnake [1123] Species or species habitat may occur within area  Disteira major  Dilve-headed Seasnake [1124] Species or species habitat may occur within area  Emydocephalus annulatus  Furtle-headed Seasnake [1125] Species or species habitat may occur within area  Eretmochelys imbricata  Hawksbill Turtle [1766] Vulnerable Species or species habitat may occur within area  Eretmochelys imbricata  Hawksbill Turtle [1766] Species or species habitat may occur within area	<u>Dugong dugon</u>		
Reptiles Acalyptophis peronii Horned Seasnake [1114] Alpysurus laevis Dilive Seasnake [1120] Astrotia stokesii Stokesi Seasnake [1122] Species or species habitat may occur within area  Astrotia stokesii Stokesi Seasnake [1122] Species or species habitat may occur within area  Caretta caretta Loggerhead Turtle [1763] Lendangered Species or species habitat may occur within area  Chelonia mydas  Green Turtle [1765] Vulnerable Foraging, feeding or related behaviour known to occur within area  Chelonia mydas  Green Turtle, Leathery Turtle, Luth [1768] Leatherback Turtle, Leathery Turtle, Luth [1768] Leatherback Turtle, Leathery Turtle, Luth [1768] Species or species habitat likely to occur within area  Disteira kingii Spectacled Seasnake [1123] Species or species habitat may occur within area  Disteira major Dive-headed Seasnake [1124] Species or species habitat may occur within area  Species or species habitat may occur within area  Eretmochelys imbricata Hawksbill Turtle [1766] Vulnerable Species or species habitat ikely to occur within area  Eretmochelys imbricata Hawksbill Turtle [1766] Vulnerable Species or species habitat tikely to occur within area  Species or species habitat likely to occur within area  Species or species habitat likely to occur within area  Species or species habitat likely to occur within area  Species or species habitat likely to occur within area  Species or species habitat may occur within area  Species or species habitat likely to occur within area  Species or species habitat may occur within area	Dugong [28]		habitat known to occur
Horned Seasnake [1114]  Appysurus laevis Dilive Seasnake [1120]  Astrotia stokesii Stokes' Seasnake [1122]  Caretta caretta Loggerhead Turtle [1763]  Chelonia mydas Green Turtle [1765]  Chelonia mydas Green Turtle [1766]  Chelonia mydas Green Turtle [1768]  Chelonia mydas Green Tur	Reptiles		within area
habitat may occur within area  Alpysurus laevis  Dilive Seasnake [1120]  Astrotia stokesii Stokes' Seasnake [1122]  Species or species habitat may occur within area  Species or species habitat may occur within area  Caretta caretta Loggerhead Turtle [1763]  Endangered  Species or species habitat known to occur within area  Green Turtle [1765]  Vulnerable  Foraging, feeding or related behaviour known to occur within area  Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]  Endangered  Species or species habitat likely to occur within area  Disteira kingii  Spectacled Seasnake [1123]  Species or species habitat may occur within area  Disteira major  Diive-headed Seasnake [1124]  Species or species habitat may occur within area  Emydocephalus annulatus  Furtle-headed Seasnake [1125]  Species or species habitat may occur within area	Acalyptophis peronii		
Dive Seasnake [1120]  Astrotia stokesii  Stokes' Seasnake [1122]  Species or species habitat may occur within area  Caretta caretta  Loggerhead Turtle [1763]  Endangered  Species or species habitat may 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  Species or species habitat likely to occur within area  Disteira kingii  Spectacled Seasnake [1123]  Disteira major  Dive-headed Seasnake [1124]  Emydocephalus annulatus  Furtle-headed Seasnake [1125]  Species or species habitat may occur within area  Emydocephalus annulatus  Furtle-headed Seasnake [1126]  Vulnerable  Species or species habitat may occur within area	Horned Seasnake [1114]		habitat may occur within
habitat may occur within area  Species or species habitat may occur within area  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 Foraging, feeding or related behaviour known to occur within area  Dermochelys coriacea  Leatherback Turtle, Leathery Turtle, Luth [1768] Endangered Species or species habitat likely to occur within area  Disteira kingii  Spectacled Seasnake [1123] Species or species habitat may occur within area  Disteira major  Dilive-headed Seasnake [1124] Species or species habitat may occur within area  Emydocephalus annulatus  Turtle-headed Seasnake [1125] Species or species habitat may occur within area  Eretmochelys imbricata  Hawksbill Turtle [1766] Vulnerable Species or species habitat likely to occur within area  Species or species habitat may occur within area  Leggant Seasnake [1104] Species or species habitat may occur within area  Species or species or species habitat may occur within area	<u>Aipysurus laevis</u>		
Astrotia stokesii Stokes' Seasnake [1122] 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 Foraging, feeding or related behaviour known to occur within area  Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768] Endangered Species or species habitat likely to occur within area  Disteira kingii Spectacled Seasnake [1123] Species or species habitat may occur within area  Disteira major Dive-headed Seasnake [1124] Species or species habitat may occur within area  Turtle-headed Seasnake [1125] Species or species habitat may occur within area  Emydocephalus annulatus  Turtle-headed Seasnake [1125] Species or species habitat may occur within area  Eretmochelys imbricata Hawksbill Turtle [1766] Vulnerable Species or species habitat likely to occur within area  Species or species habitat may occur within area  Species or species habitat likely to occur within area  Species or species habitat may occur within area	Olive Seasnake [1120]		habitat may occur within
Caretta caretta  Loggerhead Turtle [1763] Endangered Species or species habitat 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 Species or species habitat likely to occur within area  Disteira kingii  Spectacled Seasnake [1123] Species or species habitat may occur within area  Disteira major  Diive-headed Seasnake [1124] Species or species habitat may occur within area  Emydocephalus annulatus  Turtle-headed Seasnake [1125] Species or species habitat may occur within area  Eretmochelys imbricata  Hawksbill Turtle [1766] Vulnerable Species or species habitat likely to occur within area  Species or species habitat likely to occur within area  Species or species habitat likely to occur within area  Species or species habitat may occur within area  Species or species habitat likely to occur within area  Species or species habitat may occur within area	Astrotia stokesii		aroa
Loggerhead Turtle [1763]  Loggerhead Turtle [1763]  Loggerhead Turtle [1763]  Loggerhead Turtle [1765]  Loggerhead Turtle [1765]  Loggerhead Turtle [1765]  Loggerhead Turtle [1765]  Vulnerable  Loggerhead Turtle [1765]  Vulnerable  Loggerhead Turtle [1765]  Loggerhead Turtle [1765]  Loggerhead Turtle [1765]  Loggerhead Turtle [1766]  Loggerhead Seesnake [1124]  Loggerhead Loggerhead Sees and Loggerhead to occur within area  Loggerhead Loggerhead Sees and Loggerhead Loggerhead Sees and Loggerhead Loggerhea	Stokes' Seasnake [1122]		habitat may occur within
habitat 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 Species or species habitat likely to occur within area  Disteira kingii Spectacled Seasnake [1123] Species or species habitat may occur within area  Disteira major Diive-headed Seasnake [1124] Species or species habitat may occur within area  Emydocephalus annulatus Furtle-headed Seasnake [1125] Species or species habitat may occur within area  Eretmochelys imbricata Hawksbill Turtle [1766] Vulnerable Species or species habitat likely to occur within area  Elegant Seasnake [1104] Species or species habitat may occur within area  Species or species or species habitat may occur within area  Species or species or species habitat may occur within area	Caretta caretta		
Green Turtle [1765]  Vulnerable  Foraging, feeding or related behaviour known to occur within area  Dermochelys coriacea  Leatherback Turtle, Leathery Turtle, Luth [1768]  Endangered  Species or species habitat likely to occur within area  Species or species habitat may occur within area  Species or species habitat may occur within area  Disteira major  Disteira major  Dive-headed Seasnake [1124]  Species or species habitat may occur within area  Furtle-headed Seasnake [1125]  Species or species habitat may occur within area  Furtle-headed Seasnake [1125]  Furtle-headed Seasnake [1126]  Vulnerable  Species or species habitat may occur within area  Hawksbill Turtle [1766]  Vulnerable  Species or species habitat likely to occur within area  Hydrophis elegans  Elegant Seasnake [1104]  Species or species habitat may occur within area  Laticauda laticaudata  a sea krait [1093]  Species or species	Loggerhead Turtle [1763]	Endangered	habitat known to occur
related behaviour known to occur within area  Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768] Endangered Species or species habitat likely to occur within area  Disteira kingii Spectacled Seasnake [1123] Species or species habitat may occur within area  Disteira major Dive-headed Seasnake [1124] Species or species habitat may occur within area  Furtle-headed Seasnake [1125] Species or species habitat may occur within area  Furtle-headed Seasnake [1125] Species or species habitat may occur within area  Hawksbill Turtle [1766] Vulnerable Species or species habitat likely to occur within area  Hydrophis elegans Elegant Seasnake [1104] Species or species habitat may occur within area  Laticauda laticaudata a sea krait [1093] Species or species	Chelonia mydas		
Leatherback Turtle, Leathery Turtle, Luth [1768]  Endangered  Species or species habitat likely to occur within area  Species or species habitat may occur within area  Emydocephalus annulatus  Turtle-headed Seasnake [1125]  Species or species habitat may occur within area  Eretmochelys imbricata  Hawksbill Turtle [1766]  Vulnerable  Species or species habitat likely to occur within area  Hydrophis elegans  Elegant Seasnake [1104]  Species or species habitat may occur within area  Laticauda laticaudata a sea krait [1093]  Species or species		Vulnerable	related behaviour known
habitat likely to occur within area  Disteira kingii Spectacled Seasnake [1123] Species or species habitat may occur within area  Disteira major Olive-headed Seasnake [1124] Species or species habitat may occur within area  Emydocephalus annulatus  Turtle-headed Seasnake [1125] Species or species habitat may occur within area  Eretmochelys imbricata Hawksbill Turtle [1766] Vulnerable Species or species habitat likely to occur within area  Hydrophis elegans Elegant Seasnake [1104] Species or species habitat may occur within area  Species or species habitat likely to occur within area  Species or species habitat may occur within area  Species or species or species habitat may occur within area  Species or species or species habitat may occur within area  Species or species or species habitat may occur within area  Species or species or species or species habitat may occur within area  Species or specie		Fadanasa	0
Spectacled Seasnake [1123]  Species or species habitat may occur within area  Disteira major  Olive-headed Seasnake [1124]  Species or species habitat may occur within area  Emydocephalus annulatus  Turtle-headed Seasnake [1125]  Species or species habitat may occur within area  Eretmochelys imbricata  Hawksbill Turtle [1766]  Vulnerable  Species or species habitat likely to occur within area  Hydrophis elegans  Elegant Seasnake [1104]  Species or species habitat may occur within area	Leatherback Turtle, Leathery Turtle, Luth [1766]	Endangered	habitat likely to occur
habitat may occur within area  Disteira major  Olive-headed Seasnake [1124]  Species or species habitat may occur within area  Emydocephalus annulatus  Turtle-headed Seasnake [1125]  Species or species habitat may occur within area  Eretmochelys imbricata  Hawksbill Turtle [1766]  Vulnerable  Species or species habitat likely to occur within area  Hydrophis elegans  Elegant Seasnake [1104]  Species or species habitat may occur within area  Laticauda laticaudata  a sea krait [1093]  Species or species Species or species Species or species	Disteira kingii		
Olive-headed Seasnake [1124]  Species or species habitat may occur within area  Emydocephalus annulatus  Turtle-headed Seasnake [1125]  Species or species habitat may occur within area  Eretmochelys imbricata  Hawksbill Turtle [1766]  Vulnerable  Species or species habitat likely to occur within area  Hydrophis elegans  Elegant Seasnake [1104]  Species or species habitat likely to occur within area  Laticauda laticaudata  a sea krait [1093]  Species or species Species or species	Spectacled Seasnake [1123]		habitat may occur within
habitat may occur within area  Emydocephalus annulatus  Turtle-headed Seasnake [1125]  Species or species habitat may occur within area  Eretmochelys imbricata  Hawksbill Turtle [1766]  Vulnerable  Species or species habitat likely to occur within area  Hydrophis elegans  Elegant Seasnake [1104]  Species or species habitat may occur within area  Laticauda laticaudata  a sea krait [1093]  Species or species	Disteira major		0
Turtle-headed Seasnake [1125]  Species or species habitat may occur within area  Eretmochelys imbricata  Hawksbill Turtle [1766]  Vulnerable  Species or species habitat likely to occur within area  Hydrophis elegans  Elegant Seasnake [1104]  Species or species habitat may occur within area  Laticauda laticaudata a sea krait [1093]  Species or species Species or species			habitat may occur within
habitat may occur within area  Fretmochelys imbricata  Hawksbill Turtle [1766]  Vulnerable  Species or species habitat likely to occur within area  Hydrophis elegans  Elegant Seasnake [1104]  Species or species habitat may occur within area  Laticauda laticaudata a sea krait [1093]  Species or species Species or species	Emydocephalus annulatus		0
Hawksbill Turtle [1766]  Vulnerable  Species or species habitat likely to occur within area  Hydrophis elegans  Elegant Seasnake [1104]  Species or species habitat may occur within area  Laticauda laticaudata a sea krait [1093]  Species or species  Species or species			habitat may occur within
habitat likely to occur within area  Hydrophis elegans  Elegant Seasnake [1104]  Species or species habitat may occur within area  Laticauda laticaudata a sea krait [1093]  Species or species	Eretmochelys imbricata	Mada Id	0
Elegant Seasnake [1104] Species or species habitat may occur within area  Laticauda laticaudata a sea krait [1093] Species or species		vuinerable	habitat likely to occur
habitat may occur within area  Laticauda laticaudata a sea krait [1093] Species or species	· · · · · · · · · · · · · · · · · · ·		Chooise or one-i
a sea krait [1093] Species or species			habitat may occur within
	Laticauda laticaudata		_
	a sea krait [1093]		

Name	Threatened	Type of Presence
		area
Lepidochelys olivacea Olive Ridley Turtle, Pacific Ridley Turtle [1767]	Endangered	Species or species habitat likely to occur within area
Natator depressus Flatback Turtle [59257]	Vulnerable	Species or species habitat likely to occur within area
Pelamis platurus		within area
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		aiea
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
Delphinus delphis		Overi
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]		Charles or angeles
		Species or species habitat may occur within area
Megaptera novaeangliae	Vulnorable	Brooding known to occur
Humpback Whale [38]	Vulnerable	Breeding known to occur within area
Orcaella brevirostris Irrawaddy Dolphin [45]		Species or species habitat may occur within area
Orcinus orca		arou
Killer Whale, Orca [46]		Species or species habitat may occur within area
Sousa chinensis		Chanica an area in
Indo-Pacific Humpback Dolphin [50]		Species or species habitat may occur within area
Stenella attenuata Spotted Dolphin, Pantropical Spotted Dolphin [51]		Species or enecies
		Species or species habitat may occur within area
Tursiops aduncus Indian Ocean Bottlenose Dolphin, Spotted		Species or species
Bottlenose Dolphin [68418]		habitat likely to occur within area
Tursiops truncatus s. str.		Charles or ana-i
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		
Mount Coolum Area	QLD	Registered
Noosa - Maroochy Wallum Area	QLD	Registered
Indigenous		
David Low Bridge Midden	QLD	Registered
State and Territory Reserves		[ Resource Information ]
Name		State
Coolum Creek		QLD
Maroochy		QLD
Maroochy		QLD
Maroochy River		QLD
Maroochy Wetlands		QLD
Mount Coolum		QLD
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 Resouces Audit,

2001.		
Name	Status	Type of Presence
Frogs		
Bufo marinus		
Cane Toad [1772]		Species or species habitat likely to occur within area
Mammals		
Felis catus		
Cat, House Cat, Domestic Cat [19]		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		
Cabomba caroliniana		
Cabomba, Fanwort, Carolina Watershield, Fish Grass, Washington Grass, Watershield, Carolina Fanwort, Common Cabomba [5171] Chrysanthemoides monilifera		Species or species habitat likely to occur within area
Bitou Bush, Boneseed [18983]		Species or species habitat may occur within

Name	Status	Type of Presence
		area
Hymenachne amplexicaulis Hymenachne, Olive Hymenachne, Water Stargras West Indian Grass, West Indian Marsh Grass [31754] Lantana camara	is,	Species or species habitat likely to occur within area
Lantana, Common Lantana, Kamara Lantana, Large-leaf Lantana, Pink Flowered Lantana, Red Flowered Lantana, Red-Flowered Sage, White Sage, Wild Sage [10892] Salvinia molesta		Species or species habitat likely to occur within area
Salvinia, Giant Salvinia, Aquarium Watermoss, Kariba Weed [13665]		Species or species habitat likely to occur within area
Nationally Important Wetlands		[ Resource Information ]
Name		State
Coolum Creek and Lower Maroochy River		QLD

#### Coordinates

-26.6043 153.0861

#### 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

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.

© Commonwealth of Australia Department of Sustainability, Environment, Water, Population and Communities GPO Box 787 Canberra ACT 2601 Australia +61 2 6274 1111