

Roads and Traffic Authority

Pacific Highway Upgrade -
Oxley Highway to Kempsey
Flora and Fauna Working Paper

September 2010

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Appendix B

EPBC Act Protected Matters report



Australian Government

Department of the Environment, Water, Heritage and the Arts

Protected Matters Search Tool

You are here: [Environment Home](#) > [EPBC Act](#) > [Search](#)

10 June 2009 16:19

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.

You may wish to print this report for reference before moving to other pages or websites.

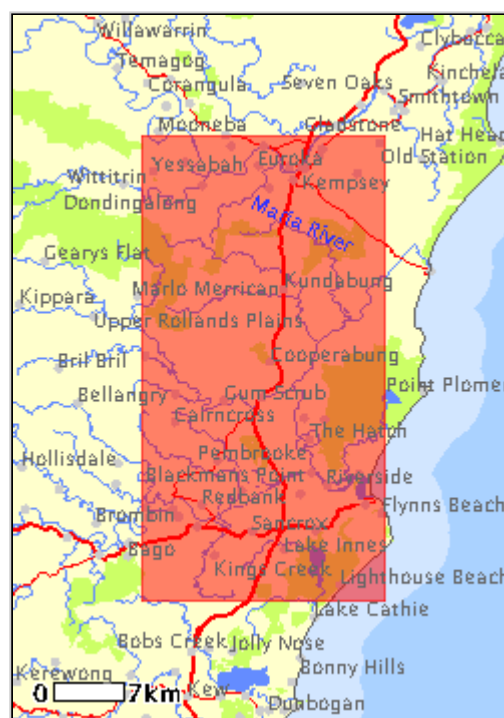
The Australian Natural Resources Atlas at <http://www.environment.gov.au/atlas> may provide further environmental information relevant to your selected area. Information about the EPBC Act including significance guidelines, forms and application process details can be found at <http://www.environment.gov.au/epbc/assessmentsapprovals/index.html>

Search Type: Area
Buffer: 10 km
Coordinates: -31.04887,152.67570, -
 31.53657,152.67570, -
 31.53657,152.92981, -
 31.04887,152.92981



Report Contents: [Summary](#)
[Details](#)

- [Matters of NES](#)
- [Other matters protected by the EPBC Act](#)
- [Extra Information](#)
- [Caveat](#)
- [Acknowledgments](#)



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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 - see

<http://www.environment.gov.au/epbc/assessmentsapprovals/guidelines/index.html>.

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Significance: (Ramsar Sites)	None
<u>Commonwealth Marine Areas:</u>	Relevant
<u>Threatened Ecological Communities:</u>	1
<u>Threatened Species:</u>	48
<u>Migratory Species:</u>	50

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. Information on the new heritage laws can be found at <http://www.environment.gov.au/heritage/index.html>.

Please note that the current dataset on Commonwealth land is not complete. Further information on Commonwealth land would need to be obtained from relevant sources including Commonwealth agencies, local agencies, and land tenure maps.

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. Information on EPBC Act permit requirements and application forms can be found at

<http://www.environment.gov.au/epbc/permits/index.html>.

<u>Commonwealth Lands:</u>	6
Commonwealth Heritage Places:	None
<u>Places on the RNE:</u>	19
<u>Listed Marine Species:</u>	61
<u>Whales and Other Cetaceans:</u>	32
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.

State and Territory Reserves:	15
Other Commonwealth Reserves:	None
Regional Forest Agreements:	1

Details

Matters of National Environmental Significance

Commonwealth Marine Areas [[Dataset Information](#)]

Approval may be required for a proposed activity that is likely to have a significant impact on the environment in a Commonwealth Marine Area, when the action is outside the Commonwealth Marine Area, or the environment anywhere when the action is taken within the Commonwealth Marine Area. Generally the Commonwealth Marine Area stretches from three nautical miles to two hundred nautical miles from the coast.

EEZ and Territorial Sea

Threatened Ecological Communities [[Dataset Information](#)]

Status Type of Presence

[Littoral Rainforest and Coastal Vine Thickets of Eastern Australia](#)

Critically Endangered Community likely to occur within area

Threatened Species [[Dataset Information](#)]

Status Type of Presence

Birds

[Anthochaera phrygia](#)
Regent Honeyeater

Endangered Species or species habitat likely to occur within area

[Diomedea exulans \(sensu lato\)](#)
Wandering Albatross

Vulnerable Species or species habitat may occur within area

[Diomedea exulans amsterdamensis](#)
Amsterdam Albatross

Endangered Species or species habitat may occur within area

[Diomedea exulans antipodensis](#)
Antipodean Albatross

Vulnerable Species or species habitat may occur within area

[Diomedea exulans exulans](#)
Tristan Albatross

Endangered Foraging, feeding or related behaviour may occur within area

[Diomedea exulans gibsoni](#)
Gibson's Albatross

Vulnerable Species or species habitat may occur within area

[Lathamus discolor](#)
Swift Parrot

Endangered Species or species habitat likely to occur within area

[Macronectes giganteus](#)
Southern Giant-Petrel

Endangered Species or species habitat may occur within area

[Macronectes halli](#)
Northern Giant-Petrel

Vulnerable Species or species habitat may occur within area

[Pterodroma leucoptera leucoptera](#)
Gould's Petrel

Endangered Species or species habitat may occur within area

[Pterodroma neglecta neglecta](#)
Kermadec Petrel (western)

Vulnerable Species or species habitat may occur within area

[Rostratula australis](#)

Vulnerable Species or species habitat may

Australian Painted Snipe		occur within area
<i>Thalassarche bulleri</i> Buller's Albatross	Vulnerable	Species or species habitat may occur within area
<i>Thalassarche cauta cauta</i> Shy Albatross, Tasmanian Shy Albatross	Vulnerable	Species or species habitat may occur within area
<i>Thalassarche cauta steady</i> White-capped Albatross	Vulnerable	Species or species habitat may occur within area
<i>Thalassarche eremita</i> Chatham Albatross	Endangered	Foraging, feeding or related behaviour known to occur within area
<i>Thalassarche melanophris</i> Black-browed Albatross	Vulnerable	Species or species habitat may occur within area
<i>Thalassarche melanophris impavida</i> Campbell Albatross	Vulnerable	Species or species habitat may occur within area
Frogs		
<i>Litoria aurea</i> Green and Golden Bell Frog	Vulnerable	Species or species habitat likely to occur within area
<i>Litoria booroolongensis</i> Booroolong Frog	Endangered	Species or species habitat may occur within area
<i>Litoria olongburensis</i> Wallum Sedge Frog	Vulnerable	Species or species habitat likely to occur within area
<i>Mixophyes balbus</i> Stuttering Frog, Southern Barred Frog (in Victoria)	Vulnerable	Species or species habitat likely to occur within area
<i>Mixophyes iteratus</i> Southern Barred Frog, Giant Barred Frog	Endangered	Species or species habitat likely to occur within area
Mammals		
<i>Balaenoptera musculus</i> Blue Whale	Endangered	Species or species habitat may occur within area
<i>Chalinolobus dwyeri</i> Large-eared Pied Bat, Large Pied Bat	Vulnerable	Species or species habitat may occur within area
<i>Dasyurus maculatus maculatus (SE mainland population)</i> Spot-tailed Quoll, Spotted-tail Quoll, Tiger Quoll (southeastern mainland population)	Endangered	Species or species habitat may occur within area
<i>Eubalaena australis</i> Southern Right Whale	Endangered	Species or species habitat likely to occur within area
<i>Megaptera novaeangliae</i> Humpback Whale	Vulnerable	Species or species habitat known to occur within area
<i>Petrogale penicillata</i> Brush-tailed Rock-wallaby	Vulnerable	Species or species habitat may occur within area
<i>Potorous tridactylus tridactylus</i> Long-nosed Potoroo (SE mainland)	Vulnerable	Species or species habitat may occur within area
<i>Pteropus poliocephalus</i> Grey-headed Flying-fox	Vulnerable	Roosting known to occur within area
Reptiles		
<i>Caretta caretta</i>	Endangered	Species or species habitat may

Loggerhead Turtle		occur within area
Chelonia mydas Green Turtle	Vulnerable	Species or species habitat may occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth	Endangered	Species or species habitat may occur within area
Sharks		
Carcharias taurus (east coast population) Grey Nurse Shark (east coast population)	Critically Endangered	Species or species habitat may occur within area
Carcharodon carcharias Great White Shark	Vulnerable	Species or species habitat may occur within area
Galeorhinus galeus School Shark, Eastern School Shark, Snapper Shark, Tope, Soupfin Shark	Conservation Dependent	Species or species habitat may occur within area
Pristis zijsron Green Sawfish, Dindagubba, Narrowsnout Sawfish	Vulnerable	Species or species habitat may occur within area
Rhincodon typus Whale Shark	Vulnerable	Species or species habitat may occur within area
Plants		
Cryptostylis hunteriana Leafless Tongue-orchid	Vulnerable	Species or species habitat may occur within area
Cynanchum elegans White-flowered Wax Plant	Endangered	Species or species habitat likely to occur within area
Hakea archaeoides	Vulnerable	Species or species habitat likely to occur within area
Hydrocharis dubia Frogbit	Vulnerable	Species or species habitat likely to occur within area
Marsdenia longiloba Clear Milkvine	Vulnerable	Species or species habitat likely to occur within area
Parsonia dorrigoensis Milky Silkpod	Endangered	Species or species habitat likely to occur within area
Quassia sp. Moonee Creek (J.King s.n. 1949) NSW Herbarium	Endangered	Species or species habitat likely to occur within area
Taeniophyllum muelleri Minute Orchid, Ribbon-root Orchid	Vulnerable	Species or species habitat may occur within area
Thesium australe Austral Toadflax, Toadflax	Vulnerable	Species or species habitat likely to occur within area
Migratory Species [Dataset Information]	Status	Type of Presence
Migratory Terrestrial Species		
Birds		
Haliaeetus leucogaster White-bellied Sea-Eagle	Migratory	Species or species habitat likely to occur within area
Hirundapus caudacutus White-throated Needle-tail	Migratory	Species or species habitat may occur within area
Merops ornatus Rainbow Bee-eater	Migratory	Species or species habitat may occur within area

<i>Monarcha melanopsis</i> Black-faced Monarch	Migratory	Breeding may occur within area
<i>Monarcha trivirgatus</i> Spectacled Monarch	Migratory	Breeding likely to occur within area
<i>Myiagra cyanoleuca</i> Satin Flycatcher	Migratory	Breeding likely to occur within area
<i>Rhipidura rufifrons</i> Rufous Fantail	Migratory	Breeding may occur within area
<i>Xanthomyza phrygia</i> Regent Honeyeater	Migratory	Species or species habitat likely to occur within area

Migratory Wetland Species

Birds

<i>Ardea alba</i> Great Egret, White Egret	Migratory	Species or species habitat may occur within area
<i>Ardea ibis</i> Cattle Egret	Migratory	Species or species habitat may occur within area
<i>Gallinago hardwickii</i> Latham's Snipe, Japanese Snipe	Migratory	Species or species habitat may occur within area
<i>Numenius phaeopus</i> Whimbrel	Migratory	Species or species habitat likely to occur within area
<i>Pluvialis fulva</i> Pacific Golden Plover	Migratory	Species or species habitat likely to occur within area
<i>Rostratula benghalensis s. lat.</i> Painted Snipe	Migratory	Species or species habitat may occur within area

Migratory Marine Birds

<i>Apus pacificus</i> Fork-tailed Swift	Migratory	Species or species habitat may occur within area
<i>Ardea alba</i> Great Egret, White Egret	Migratory	Species or species habitat may occur within area
<i>Ardea ibis</i> Cattle Egret	Migratory	Species or species habitat may occur within area
<i>Calonectris leucomelas</i> Streaked Shearwater	Migratory	Species or species habitat may occur within area
<i>Diomedea amsterdamensis</i> Amsterdam Albatross	Migratory	Species or species habitat may occur within area
<i>Diomedea antipodensis</i> Antipodean Albatross	Migratory	Species or species habitat may occur within area
<i>Diomedea dabbenena</i> Tristan Albatross	Migratory	Foraging, feeding or related behaviour may occur within area
<i>Diomedea exulans (sensu lato)</i> Wandering Albatross	Migratory	Species or species habitat may occur within area
<i>Diomedea gibsoni</i> Gibson's Albatross	Migratory	Species or species habitat may occur within area
<i>Macronectes giganteus</i> Southern Giant-Petrel	Migratory	Species or species habitat may occur within area
<i>Macronectes halli</i> Northern Giant-Petrel	Migratory	Species or species habitat may occur within area

<i>Pterodroma leucoptera leucoptera</i> Gould's Petrel	Migratory	Species or species habitat may occur within area
<i>Puffinus leucomelas</i> Streaked Shearwater	Migratory	Species or species habitat may occur within area
<i>Puffinus pacificus</i> Wedge-tailed Shearwater	Migratory	Breeding known to occur within area
<i>Sterna albifrons</i> Little Tern	Migratory	Species or species habitat may occur within area
<i>Thalassarche bulleri</i> Buller's Albatross	Migratory	Species or species habitat may occur within area
<i>Thalassarche cauta (sensu stricto)</i> Shy Albatross, Tasmanian Shy Albatross	Migratory	Species or species habitat may occur within area
<i>Thalassarche chlororhynchos</i> Yellow-nosed Albatross, Atlantic Yellow-nosed Albatross	Migratory	Species or species habitat may occur within area
<i>Thalassarche eremita</i> Chatham Albatross	Migratory	Foraging, feeding or related behaviour known to occur within area
<i>Thalassarche impavida</i> Campbell Albatross	Migratory	Species or species habitat may occur within area
<i>Thalassarche melanophris</i> Black-browed Albatross	Migratory	Species or species habitat may occur within area
<i>Thalassarche steadi</i> White-capped Albatross	Migratory	Species or species habitat may occur within area
Migratory Marine Species		
Mammals		
<i>Balaenoptera bonaerensis</i> Antarctic Minke Whale, Dark-shoulder Minke Whale	Migratory	Species or species habitat may occur within area
<i>Balaenoptera edeni</i> Bryde's Whale	Migratory	Species or species habitat may occur within area
<i>Balaenoptera musculus</i> Blue Whale	Migratory	Species or species habitat may occur within area
<i>Caperea marginata</i> Pygmy Right Whale	Migratory	Species or species habitat may occur within area
<i>Eubalaena australis</i> Southern Right Whale	Migratory	Species or species habitat likely to occur within area
<i>Lagenorhynchus obscurus</i> Dusky Dolphin	Migratory	Species or species habitat may occur within area
<i>Megaptera novaeangliae</i> Humpback Whale	Migratory	Species or species habitat known to occur within area
<i>Orcinus orca</i> Killer Whale, Orca	Migratory	Species or species habitat may occur within area
<i>Physeter macrocephalus</i> Sperm Whale	Migratory	Species or species habitat may occur within area
Reptiles		
<i>Caretta caretta</i>	Migratory	Species or species habitat may

Loggerhead Turtle		occur within area
Chelonia mydas Green Turtle	Migratory	Species or species habitat may occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth	Migratory	Species or species habitat may occur within area
Sharks		
Carcharodon carcharias Great White Shark	Migratory	Species or species habitat may occur within area
Rhincodon typus Whale Shark	Migratory	Species or species habitat may occur within area

Other Matters Protected by the EPBC Act

Listed Marine Species [[Dataset Information](#)]

Birds

Listed Marine Species [Dataset Information]	Status	Type of Presence
Apus pacificus Fork-tailed Swift	Listed - overfly marine area	Species or species habitat may occur within area
Ardea alba Great Egret, White Egret	Listed - overfly marine area	Species or species habitat may occur within area
Ardea ibis Cattle Egret	Listed - overfly marine area	Species or species habitat may occur within area
Calonectris leucomelas Streaked Shearwater	Listed	Species or species habitat may occur within area
Catharacta skua Great Skua	Listed	Species or species habitat may occur within area
Diomedea amsterdamensis Amsterdam Albatross	Listed	Species or species habitat may occur within area
Diomedea antipodensis Antipodean Albatross	Listed	Species or species habitat may occur within area
Diomedea dabbenena Tristan Albatross	Listed	Foraging, feeding or related behaviour may occur within area
Diomedea exulans (sensu lato) Wandering Albatross	Listed	Species or species habitat may occur within area
Diomedea gibsoni Gibson's Albatross	Listed	Species or species habitat may occur within area
Eudyptula minor Little Penguin	Listed	Breeding known to occur within area
Gallinago hardwickii Latham's Snipe, Japanese Snipe	Listed - overfly marine area	Species or species habitat may occur within area
Haliaeetus leucogaster White-bellied Sea-Eagle	Listed	Species or species habitat likely to occur within area
Hirundapus caudacutus	Listed -	Species or species habitat may occur

White-throated Needletail	overfly marine area	within area
<i>Lathamus discolor</i> Swift Parrot	Listed - overfly marine area	Species or species habitat likely to occur within area
<i>Limnodromus semipalmatus</i> Asian Dowitcher	Listed - overfly marine area	Roosting likely to occur within area
<i>Macronectes giganteus</i> Southern Giant-Petrel	Listed	Species or species habitat may occur within area
<i>Macronectes halli</i> Northern Giant-Petrel	Listed	Species or species habitat may occur within area
<i>Merops ornatus</i> Rainbow Bee-eater	Listed - overfly marine area	Species or species habitat may occur within area
<i>Monarcha melanopsis</i> Black-faced Monarch	Listed - overfly marine area	Breeding may occur within area
<i>Monarcha trivirgatus</i> Spectacled Monarch	Listed - overfly marine area	Breeding likely to occur within area
<i>Myiagra cyanoleuca</i> Satin Flycatcher	Listed - overfly marine area	Breeding likely to occur within area
<i>Numenius phaeopus</i> Whimbrel	Listed	Species or species habitat likely to occur within area
<i>Pluvialis fulva</i> Pacific Golden Plover	Listed	Species or species habitat likely to occur within area
<i>Puffinus pacificus</i> Wedge-tailed Shearwater	Listed	Breeding known to occur within area
<i>Rhipidura rufifrons</i> Rufous Fantail	Listed - overfly marine area	Breeding may occur within area
<i>Rostratula benghalensis s. lat.</i> Painted Snipe	Listed - overfly marine area	Species or species habitat may occur within area
<i>Sterna albifrons</i> Little Tern	Listed	Species or species habitat may occur within area
<i>Thalassarche bulleri</i> Buller's Albatross	Listed	Species or species habitat may occur within area
<i>Thalassarche cauta (sensu stricto)</i> Shy Albatross, Tasmanian Shy Albatross	Listed	Species or species habitat may occur within area

<i>Thalassarche chlororhynchos</i> Yellow-nosed Albatross, Atlantic Yellow-nosed Albatross	Listed	Species or species habitat may occur within area
<i>Thalassarche eremita</i> Chatham Albatross	Listed	Foraging, feeding or related behaviour known to occur within area
<i>Thalassarche impavida</i> Campbell Albatross	Listed	Species or species habitat may occur within area
<i>Thalassarche melanophris</i> Black-browed Albatross	Listed	Species or species habitat may occur within area
<i>Thalassarche steadi</i> White-capped Albatross	Listed	Species or species habitat may occur within area
Mammals		
<i>Arctocephalus forsteri</i> New Zealand Fur-seal	Listed	Species or species habitat may occur within area
<i>Arctocephalus pusillus</i> Australian Fur-seal, Australo-African Fur-seal	Listed	Species or species habitat may occur within area
Ray-finned fishes		
<i>Acentronura tentaculata</i> Hairy Pygmy Pipehorse	Listed	Species or species habitat may occur within area
<i>Festucalex cinctus</i> Girdled Pipefish	Listed	Species or species habitat may occur within area
<i>Filicampus tigris</i> Tiger Pipefish	Listed	Species or species habitat may occur within area
<i>Heraldia nocturna</i> Upside-down Pipefish	Listed	Species or species habitat may occur within area
<i>Hippichthys heptagonus</i> Madura Pipefish, Reticulated Freshwater Pipefish	Listed	Species or species habitat may occur within area
<i>Hippichthys penicillus</i> Beady Pipefish, Steep-nosed Pipefish	Listed	Species or species habitat may occur within area
<i>Hippocampus whitei</i> White's Seahorse, Crowned Seahorse, Sydney Seahorse	Listed	Species or species habitat may occur within area
<i>Histiogamphelus briggsii</i> Briggs' Crested Pipefish, Briggs' Pipefish	Listed	Species or species habitat may occur within area
<i>Lissocampus runa</i> Javelin Pipefish	Listed	Species or species habitat may occur within area
<i>Maroubra perserrata</i> Sawtooth Pipefish	Listed	Species or species habitat may occur within area
<i>Solegnathus dunckeri</i> Duncker's Pipehorse	Listed	Species or species habitat may occur within area
<i>Solegnathus spinosissimus</i> Spiny Pipehorse, Australian Spiny Pipehorse	Listed	Species or species habitat may occur within area
<i>Solenostomus cyanopterus</i> Blue-finned Ghost Pipefish, Robust Ghost Pipefish	Listed	Species or species habitat may occur within area
<i>Solenostomus paradoxus</i> Harlequin Ghost Pipefish, Ornate Ghost	Listed	Species or species habitat may occur within area

Pipefish

Stigmatopora nigra Wide-bodied Pipefish, Black Pipefish	Listed	Species or species habitat may occur within area
Syngnathoides biaculeatus Double-ended Pipehorse, Alligator Pipefish	Listed	Species or species habitat may occur within area
Trachyrhamphus bicoarctatus Bend Stick Pipefish, Short-tailed Pipefish	Listed	Species or species habitat may occur within area
Urocampus carinirostris Hairy Pipefish	Listed	Species or species habitat may occur within area
Vanacampus margaritifer Mother-of-pearl Pipefish	Listed	Species or species habitat may occur within area

Reptiles

Caretta caretta Loggerhead Turtle	Listed	Species or species habitat may occur within area
Chelonia mydas Green Turtle	Listed	Species or species habitat may occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth	Listed	Species or species habitat may occur within area
Hydrophis elegans Elegant Seasnake	Listed	Species or species habitat may occur within area
Pelamis platurus Yellow-bellied Seasnake	Listed	Species or species habitat may occur within area

Whales and Other Cetaceans [[Dataset Information](#)]

	Status	Type of Presence
Balaenoptera acutorostrata Minke Whale	Cetacean	Species or species habitat may occur within area
Balaenoptera bonaerensis Antarctic Minke Whale, Dark-shoulder Minke Whale	Cetacean	Species or species habitat may occur within area
Balaenoptera edeni Bryde's Whale	Cetacean	Species or species habitat may occur within area
Balaenoptera musculus Blue Whale	Cetacean	Species or species habitat may occur within area
Caperea marginata Pygmy Right Whale	Cetacean	Species or species habitat may occur within area
Delphinus delphis Common Dolphin, Short-beaked Common Dolphin	Cetacean	Species or species habitat may occur within area
Eubalaena australis Southern Right Whale	Cetacean	Species or species habitat likely to occur within area
Feresa attenuata Pygmy Killer Whale	Cetacean	Species or species habitat may occur within area
Globicephala macrorhynchus Short-finned Pilot Whale	Cetacean	Species or species habitat may occur within area
Globicephala melas Long-finned Pilot Whale	Cetacean	Species or species habitat may occur within area
Grampus griseus	Cetacean	Species or species habitat may occur

Risso's Dolphin, Grampus		within area
<i>Kogia breviceps</i> Pygmy Sperm Whale	Cetacean	Species or species habitat may occur within area
<i>Kogia simus</i> Dwarf Sperm Whale	Cetacean	Species or species habitat may occur within area
<i>Lagenorhynchus obscurus</i> Dusky Dolphin	Cetacean	Species or species habitat may occur within area
<i>Lissodelphis peronii</i> Southern Right Whale Dolphin	Cetacean	Species or species habitat may occur within area
<i>Megaptera novaeangliae</i> Humpback Whale	Cetacean	Species or species habitat known to occur within area
<i>Mesoplodon bowdoini</i> Andrew's Beaked Whale	Cetacean	Species or species habitat may occur within area
<i>Mesoplodon densirostris</i> Blainville's Beaked Whale, Dense-beaked Whale	Cetacean	Species or species habitat may occur within area
<i>Mesoplodon grayi</i> Gray's Beaked Whale, Scamperdown Whale	Cetacean	Species or species habitat may occur within area
<i>Mesoplodon layardii</i> Strap-toothed Beaked Whale, Strap-toothed Whale, Layard's Beaked Whale	Cetacean	Species or species habitat may occur within area
<i>Mesoplodon mirus</i> True's Beaked Whale	Cetacean	Species or species habitat may occur within area
<i>Orcinus orca</i> Killer Whale, Orca	Cetacean	Species or species habitat may occur within area
<i>Peponocephala electra</i> Melon-headed Whale	Cetacean	Species or species habitat may occur within area
<i>Physeter macrocephalus</i> Sperm Whale	Cetacean	Species or species habitat may occur within area
<i>Pseudorca crassidens</i> False Killer Whale	Cetacean	Species or species habitat may occur within area
<i>Stenella attenuata</i> Spotted Dolphin, Pantropical Spotted Dolphin	Cetacean	Species or species habitat may occur within area
<i>Stenella coeruleoalba</i> Striped Dolphin, Euphrosyne Dolphin	Cetacean	Species or species habitat may occur within area
<i>Stenella longirostris</i> Long-snouted Spinner Dolphin	Cetacean	Species or species habitat may occur within area
<i>Steno bredanensis</i> Rough-toothed Dolphin	Cetacean	Species or species habitat may occur within area
<i>Tursiops aduncus</i> Indian Ocean Bottlenose Dolphin, Spotted Bottlenose Dolphin	Cetacean	Species or species habitat likely to occur within area
<i>Tursiops truncatus s. str.</i> Bottlenose Dolphin	Cetacean	Species or species habitat may occur within area
<i>Ziphius cavirostris</i> Cuvier's Beaked Whale, Goose-beaked Whale	Cetacean	Species or species habitat may occur within area
Commonwealth Lands [Dataset Information]		

Commonwealth Bank of Australia
Commonwealth Trading Bank of Australia
Communications, Information Technology and
the Arts - Australian Broadcasting Corporation
Communications, Information Technology and
the Arts - Australian Postal Corporation
Communications, Information Technology and
the Arts - Telstra Corporation Limited

Defence

Places on the RNE [[Dataset Information](#)]
Note that not all Indigenous sites may be listed.

Historic

[Frederickton Public School Group NSW](#)
[Gladstone Courthouse and Police Station NSW](#)
[Headmasters Residence NSW](#)
[Kempsey Courthouse NSW](#)
[Kempsey Post Office NSW](#)
[Pipers Creek Lime Kilns NSW](#)
[Port Macquarie Courthouse NSW](#)
[Port Macquarie Government House Site NSW](#)
[Public School NSW](#)
[Shelter Shed NSW](#)
[St Thomas the Apostle Anglican Church NSW](#)

Indigenous

[Point Plomer Area NSW](#)

Natural

[Hat Head National Park \(1977 boundary\) NSW](#)
[Limeburners Creek Nature Reserve NSW](#)
[Macquarie Nature Reserve NSW](#)
[Port Macquarie Coastal Rocks NSW](#)
[Sea Acres Area NSW](#)
[Yarravel Nature Reserve NSW](#)
[Yessabah Caves Area NSW](#)

Extra Information

State and Territory Reserves [[Dataset Information](#)]
Bago Bluff National Park, NSW
Boonanghi Nature Reserve, NSW
Cooperabung Creek Nature Reserve, NSW
Hat Head National Park, NSW
Kumbatine National Park, NSW
Lake Innes Nature Reserve, NSW

Limeburners Creek Nature Reserve, NSW

Macquarie Nature Reserve, NSW

Maria National Park, NSW

Queens Lake Nature Reserve, NSW

Rawdon Creek Nature Reserve, NSW

Sea Acres Nature Reserve, NSW

Skillion Nature Reserve, NSW

Yarravel Nature Reserve, NSW

Yessabah Nature Reserve, NSW

Regional Forest Agreements [[Dataset Information](#)]

Note that all RFA areas including those still under consideration have been included.

Lower North East NSW RFA, New South Wales

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 [migratory](#) and [marine](#) provisions of the Act have been mapped.

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.

Acknowledgments

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

- [New South Wales National Parks and Wildlife Service](#)
- [Department of Sustainability and Environment, Victoria](#)
- [Department of Primary Industries, Water and Environment, Tasmania](#)
- [Department of Environment and Heritage, South Australia Planning SA](#)
- [Parks and Wildlife Commission of the Northern Territory](#)
- [Environmental Protection Agency, Queensland](#)
- [Birds Australia](#)
- [Australian Bird and Bat Banding Scheme](#)
- [Australian National Wildlife Collection](#)
- Natural history museums of Australia
- [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](#)
- Other groups and individuals

[ANUcliM Version 1.8, Centre for Resource and Environmental Studies, Australian National University](#) was used extensively for the production of draft maps of species distribution. Environment Australia is extremely grateful to the many organisations and individuals who provided expert advice and information on numerous draft distributions.

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