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EPBC Act

Protected Matters Search Tool



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21 April 2004 10:59

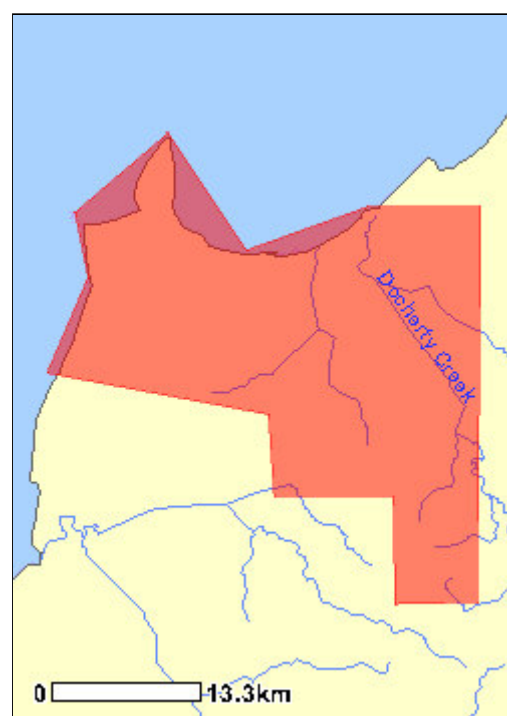
EPBC Act Protected Matters Report

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.deh.gov.au/epbc/assessmentsapprovals/index.html>

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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.deh.gov.au/epbc/assessmentsapprovals/guidelines/index.html>.

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Significance: (Ramsar Sites)	None
Commonwealth Marine Areas:	Relevant
Threatened Ecological Communities:	None
Threatened Species:	15
Migratory Species:	32

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.deh.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.deh.gov.au/epbc/permits/index.html>.

Commonwealth Lands:	1
Commonwealth Heritage Places:	None
Places on the RNE:	1
Listed Marine Species:	71
Whales and Other Cetaceans:	11
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:	None
Other Commonwealth Reserves:	None
Regional Forest Agreements:	None

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.

Within 3 Nautical Mile Limit

Threatened Species [[Dataset Information](#)]

Birds

[Erythroriorchis radiatus](#) *
Red Goshawk

[Erythrura gouldiae](#)
Gouldian Finch

[Tyto novaehollandiae kimberli](#) *
Masked Owl (northern)

Mammals

[Balaenoptera musculus](#) *
Blue Whale

[Saccolaimus saccolaimus nudiclunatus](#)
Bare-rumped Sheath-tail Bat

[Xeromys myoides](#)
Water Mouse, False Water Rat

Reptiles

[Caretta caretta](#) *
Loggerhead Turtle

[Chelonia mydas](#) *
Green Turtle

[Dermochelys coriacea](#) *
Leathery Turtle, Leatherback Turtle, Luth

[Eretmochelys imbricata](#) *
Hawksbill Turtle

[Lepidochelys olivacea](#) *
Pacific Ridley, Olive Ridley

[Natator depressus](#) *
Flatback Turtle

Sharks

[Carcharodon carcharias](#)
Great White Shark

[Pristis microdon](#)
Freshwater Sawfish

[Rhincodon typus](#)
Whale Shark

Status Type of Presence

Vulnerable Species or species habitat likely to occur within area

Endangered Species or species habitat may occur within area

Vulnerable Species or species habitat may occur within area

Endangered Species or species habitat may occur within area

Critically Endangered Species or species habitat may occur within area

Vulnerable Species or species habitat may occur within area

Endangered Species or species habitat may occur within area

Vulnerable Species or species habitat may occur within area

Vulnerable Species or species habitat may occur within area

Vulnerable Species or species habitat may occur within area

Endangered Species or species habitat may occur within area

Vulnerable Breeding likely to occur within area

Vulnerable Species or species habitat may occur within area

Vulnerable Species or species habitat likely to occur within area

Vulnerable Species or species habitat may occur within area

Migratory Species [[Dataset Information](#)]

Status Type of Presence

Migratory Terrestrial Species

Birds

[Coracina tenuirostris melvillensis](#)
Melville Cicadabird

[Erythrura gouldiae](#)

Migratory Species or species habitat may occur within area

Migratory Species or species habitat may occur

Gouldian Finch		within area
<i>Haliaeetus leucogaster</i> *	Migratory	Species or species habitat likely to occur within area
White-bellied Sea-Eagle		
<i>Hirundo rustica</i>	Migratory	Species or species habitat may occur within area
Barn Swallow		
<i>Rhipidura rufifrons</i>	Migratory	Species or species habitat may occur within area
Rufous Fantail		

Migratory Wetland Species

Birds

<i>Actitis hypoleucos</i>	Migratory	Species or species habitat likely to occur within area
Common Sandpiper		
<i>Arenaria interpres</i>	Migratory	Species or species habitat likely to occur within area
Ruddy Turnstone		
<i>Calidris alba</i>	Migratory	Species or species habitat likely to occur within area
Sanderling		
<i>Calidris tenuirostris</i>	Migratory	Species or species habitat likely to occur within area
Great Knot		
<i>Charadrius leschenaultii</i>	Migratory	Species or species habitat likely to occur within area
Greater Sand Plover, Large Sand Plover		
<i>Charadrius mongolus</i>	Migratory	Species or species habitat likely to occur within area
Lesser Sand Plover, Mongolian Plover		
<i>Charadrius veredus</i>	Migratory	Species or species habitat may occur within area
Oriental Plover, Oriental Dotterel		
<i>Glareola maldivarum</i>	Migratory	Species or species habitat may occur within area
Oriental Pratincole		
<i>Limosa lapponica</i>	Migratory	Species or species habitat likely to occur within area
Bar-tailed Godwit		
<i>Limosa limosa</i>	Migratory	Species or species habitat likely to occur within area
Black-tailed Godwit		
<i>Numenius minutus</i>	Migratory	Species or species habitat may occur within area
Little Curlew, Little Whimbrel		
<i>Numenius phaeopus</i>	Migratory	Species or species habitat likely to occur within area
Whimbrel		
<i>Pluvialis squatarola</i>	Migratory	Species or species habitat likely to occur within area
Grey Plover		

Migratory Marine Species

Mammals

<i>Balaenoptera edeni</i> *	Migratory	Species or species habitat may occur within area
Bryde's Whale		
<i>Balaenoptera musculus</i> *	Migratory	Species or species habitat may occur within area
Blue Whale		
<i>Dugong dugon</i> *	Migratory	Species or species habitat likely to occur within area
Dugong		
<i>Orcinus orca</i> *	Migratory	Species or species habitat may occur within area
Killer Whale, Orca		
<i>Tursiops aduncus</i> (Arafura/Timor Sea populations)	Migratory	Species or species habitat likely to occur within area
Spotted Bottlenose Dolphin (Arafura/Timor Sea populations)		

Reptiles

<i>Caretta caretta</i> *	Migratory	Species or species habitat may occur within area
Loggerhead Turtle		
<i>Chelonia mydas</i> *	Migratory	Species or species habitat may occur

Green Turtle		within area
<i>Crocodylus porosus</i> *	Migratory	Species or species habitat likely to occur within area
Estuarine Crocodile, Salt-water Crocodile		
<i>Dermochelys coriacea</i> *	Migratory	Species or species habitat may occur within area
Leathery Turtle, Leatherback Turtle, Luth		
<i>Eretmochelys imbricata</i> *	Migratory	Species or species habitat may occur within area
Hawksbill Turtle		
<i>Lepidochelys olivacea</i> *	Migratory	Species or species habitat may occur within area
Pacific Ridley, Olive Ridley		
<i>Natator depressus</i> *	Migratory	Breeding likely to occur within area
Flatback Turtle		
Sharks		
<i>Carcharodon carcharias</i>	Migratory	Species or species habitat may occur within area
Great White Shark		
<i>Rhincodon typus</i>	Migratory	Species or species habitat may occur within area
Whale Shark		

Other Matters Protected by the EPBC Act

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

Birds

Status	Type of Presence
<i>Actitis hypoleucos</i>	Listed
Common Sandpiper	Species or species habitat likely to occur within area
<i>Anseranas semipalmata</i>	Listed - overfly marine area
Magpie Goose	Species or species habitat may occur within area
<i>Arenaria interpres</i>	Listed
Ruddy Turnstone	Species or species habitat likely to occur within area
<i>Calidris alba</i>	Listed
Sanderling	Species or species habitat likely to occur within area
<i>Calidris tenuirostris</i>	Listed - overfly marine area
Great Knot	Species or species habitat likely to occur within area
<i>Charadrius leschenaultii</i>	Listed
Greater Sand Plover, Large Sand Plover	Species or species habitat likely to occur within area
<i>Charadrius mongolus</i>	Listed
Lesser Sand Plover, Mongolian Plover	Species or species habitat likely to occur within area
<i>Charadrius veredus</i>	Listed - overfly marine area
Oriental Plover, Oriental Dotterel	Species or species habitat may occur within area
<i>Glareola maldivarum</i>	Listed - overfly marine area
Oriental Pratincole	Species or species habitat may occur within area
<i>Haliaeetus leucogaster</i> *	Listed
White-bellied Sea-Eagle	Species or species habitat likely to occur within area
<i>Hirundo rustica</i>	Listed - overfly marine area
Barn Swallow	Species or species habitat may occur within area

<i>Limosa lapponica</i> Bar-tailed Godwit	Listed	Species or species habitat likely to occur within area
<i>Limosa limosa</i> Black-tailed Godwit	Listed - overfly marine area	Species or species habitat likely to occur within area
<i>Numenius minutus</i> Little Curlew, Little Whimbrel	Listed - overfly marine area	Species or species habitat may occur within area
<i>Numenius phaeopus</i> Whimbrel	Listed	Species or species habitat likely to occur within area
<i>Pluvialis squatarola</i> Grey Plover	Listed - overfly marine area	Species or species habitat likely to occur within area
<i>Rhipidura rufifrons</i> Rufous Fantail	Listed - overfly marine area	Species or species habitat may occur within area

Fishes

<i>Campichthys tricarinatus</i> * Three-keel Pipefish	Listed	Species or species habitat may occur within area
<i>Choeroichthys brachysoma</i> * Pacific Short-bodied Pipefish, Short-bodied Pipefish	Listed	Species or species habitat may occur within area
<i>Choeroichthys suillus</i> * Pig-snouted Pipefish	Listed	Species or species habitat may occur within area
<i>Corythoichthys amplexus</i> * Fijian Banded Pipefish, Brown-banded Pipefish	Listed	Species or species habitat may occur within area
<i>Corythoichthys flavofasciatus</i> * Yellow-banded Pipefish, Network Pipefish	Listed	Species or species habitat may occur within area
<i>Corythoichthys haematopterus</i> * Reef-top Pipefish	Listed	Species or species habitat may occur within area
<i>Doryrhamphus excisus</i> * Indian Blue-stripe Pipefish, Blue-stripe Pipefish	Listed	Species or species habitat may occur within area
<i>Doryrhamphus janssi</i> * Cleaner Pipefish, Janss' Pipefish	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>Halicampus brocki</i> * Brock's Pipefish	Listed	Species or species habitat may occur within area
<i>Halicampus grayi</i> * Mud Pipefish, Gray's Pipefish	Listed	Species or species habitat may occur within area
<i>Halicampus spinirostris</i> * Spiny-snout Pipefish	Listed	Species or species habitat may occur within area
<i>Haliichthys taeniophorus</i> * Ribbioned Seadragon, Ribbioned Pipefish	Listed	Species or species habitat may occur within area
<i>Hippichthys cyanospilos</i> * Blue-speckled Pipefish, Blue-spotted Pipefish	Listed	Species or species habitat may occur within area
<i>Hippichthys parvicarinatus</i> * Short-keeled 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 hystrix</i> *	Listed	Species or species habitat may occur

Spiny Seahorse		within area
<i>Hippocampus kuda</i> *	Listed	Species or species habitat may occur within area
Spotted Seahorse, Yellow Seahorse		
<i>Hippocampus planifrons</i> *	Listed	Species or species habitat may occur within area
Flat-face Seahorse		
<i>Hippocampus spinosissimus</i> *	Listed	Species or species habitat may occur within area
Hedgehog Seahorse		
<i>Micrognathus micronotopterus</i> *	Listed	Species or species habitat may occur within area
Tidepool Pipefish		
<i>Solegnathus hardwickii</i> *	Listed	Species or species habitat may occur within area
Pipehorse		
<i>Solegnathus lettiensis</i> *	Listed	Species or species habitat may occur within area
Indonesian Pipefish, Gunther's Pipehorse		
<i>Solenostomus cyanopterus</i> *	Listed	Species or species habitat may occur within area
Blue-finned Ghost Pipefish, Robust Ghost Pipefish		
<i>Syngnathoides biaculeatus</i> *	Listed	Species or species habitat may occur within area
Double-ended Pipehorse, Alligator Pipefish		
<i>Trachyrhamphus bicoarctatus</i> *	Listed	Species or species habitat may occur within area
Bend Stick Pipefish, Short-tailed Pipefish		
<i>Trachyrhamphus longirostris</i> *	Listed	Species or species habitat may occur within area
Long-nosed Pipefish, Straight Stick Pipefish		
Mammals		
<i>Dugong dugon</i> *	Listed	Species or species habitat likely to occur within area
Dugong		
Reptiles		
<i>Acalyptophis peronii</i> *	Listed	Species or species habitat may occur within area
Horned Seasnake		
<i>Aipysurus duboisii</i> *	Listed	Species or species habitat may occur within area
Dubois' Seasnake		
<i>Aipysurus eydouxii</i> *	Listed	Species or species habitat may occur within area
Spine-tailed Seasnake		
<i>Aipysurus laevis</i> *	Listed	Species or species habitat may occur within area
Olive Seasnake		
<i>Astrotia stokesii</i> *	Listed	Species or species habitat may occur within area
Stokes' Seasnake		
<i>Caretta caretta</i> *	Listed	Species or species habitat may occur within area
Loggerhead Turtle		
<i>Chelonia mydas</i> *	Listed	Species or species habitat may occur within area
Green Turtle		
<i>Crocodylus johnstoni</i> *	Listed	Species or species habitat may occur within area
Freshwater Crocodile		
<i>Crocodylus porosus</i> *	Listed	Species or species habitat likely to occur within area
Estuarine Crocodile, Salt-water Crocodile		
<i>Dermochelys coriacea</i> *	Listed	Species or species habitat may occur within area
Leathery Turtle, Leatherback Turtle, Luth		
<i>Disteira kingii</i> *	Listed	Species or species habitat may occur within area
Spectacled Seasnake		
<i>Disteira major</i> *	Listed	Species or species habitat may occur within area
Olive-headed Seasnake		
<i>Emydocephalus annulatus</i> *	Listed	Species or species habitat may occur within area
Turtle-headed Seasnake		
<i>Enhydrina schistosa</i> *	Listed	Species or species habitat may occur

Beaked Seasnake		within area
<i>Eretmochelys imbricata</i> *	Listed	Species or species habitat may occur within area
Hawksbill Turtle		
<i>Hydrelaps darwiniensis</i> *	Listed	Species or species habitat may occur within area
Black-ringed Seasnake		
<i>Hydrophis atriceps</i> *	Listed	Species or species habitat may occur within area
Black-headed Seasnake		
<i>Hydrophis elegans</i> *	Listed	Species or species habitat may occur within area
Elegant Seasnake		
<i>Hydrophis inornatus</i> *	Listed	Species or species habitat may occur within area
Plain Seasnake		
<i>Hydrophis mcdowelli</i> *	Listed	Species or species habitat may occur within area
<i>Hydrophis ornatus</i> *	Listed	Species or species habitat may occur within area
a seasnake		
<i>Hydrophis pacificus</i> *	Listed	Species or species habitat may occur within area
Large-headed Seasnake		
<i>Lapemis hardwickii</i> *	Listed	Species or species habitat may occur within area
Spine-bellied Seasnake		
<i>Lepidochelys olivacea</i> *	Listed	Species or species habitat may occur within area
Pacific Ridley, Olive Ridley		
<i>Natator depressus</i> *	Listed	Breeding likely to occur within area
Flatback Turtle		
<i>Pelamis platurus</i> *	Listed	Species or species habitat may occur within area
Yellow-bellied Seasnake		

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

	Status	Type of Presence
<i>Balaenoptera edeni</i> *	Cetacean	Species or species habitat may occur within area
Bryde's Whale		
<i>Balaenoptera musculus</i> *	Cetacean	Species or species habitat may occur within area
Blue Whale		
<i>Delphinus delphis</i> *	Cetacean	Species or species habitat may occur within area
Common Dolphin		
<i>Grampus griseus</i> *	Cetacean	Species or species habitat may occur within area
Risso's Dolphin, Grampus		
<i>Orcaella brevirostris</i> *	Cetacean	Species or species habitat may occur within area
Irrawaddy Dolphin		
<i>Orcinus orca</i> *	Cetacean	Species or species habitat may occur within area
Killer Whale, Orca		
<i>Sousa chinensis</i> *	Cetacean	Species or species habitat may occur within area
Indo-Pacific Humpback Dolphin		
<i>Stenella attenuata</i> *	Cetacean	Species or species habitat may occur within area
Spotted Dolphin, Pantropical Spotted Dolphin		
<i>Tursiops aduncus</i> (Arafura/Timor Sea populations)	Cetacean	Species or species habitat likely to occur within area
Spotted Bottlenose Dolphin (Arafura/Timor Sea populations)		
<i>Tursiops aduncus</i>	Cetacean	Species or species habitat likely to occur within area
Spotted Bottlenose Dolphin		
<i>Tursiops truncatus s. str.</i>	Cetacean	Species or species habitat may occur within area
Bottlenose Dolphin		

Commonwealth Lands [[Dataset Information](#)]

Defence

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

Note that not all Indigenous sites may be listed.

Natural

[Daly River Wildlife Sanctuary \(former\) NT](#)

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. Environment Australia 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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