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14 May 2010 18:12

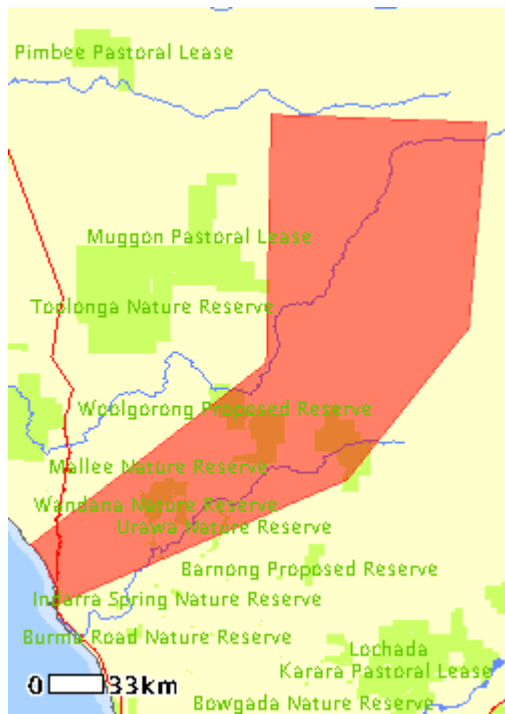
# EPBC Act Protected Matters Report

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>

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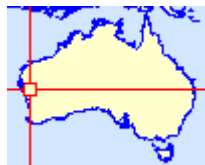


This map may contain data which are  
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**Search Type:** Area

**Buffer:** 0 km

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 28.4232,114.4714, -28.5175,114.5563, -28.6117,114.5845, -  
 28.6683,114.6222, -28.7531,114.6317



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

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

<b>World Heritage Properties:</b>	None
<b>National Heritage Places:</b>	None
<b>Wetlands of International Significance: (Ramsar Sites)</b>	None
<b>Commonwealth Marine Areas:</b>	None
<b>Threatened Ecological Communities:</b>	None
<b><u>Threatened Species:</u></b>	26
<b><u>Migratory Species:</u></b>	22

### 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>.

<b><u>Commonwealth Lands:</u></b>	2
<b>Commonwealth Heritage Places:</b>	None
<b><u>Places on the RNE:</u></b>	7
<b><u>Listed Marine Species:</u></b>	38
<b><u>Whales and Other Cetaceans:</u></b>	11
<b>Critical Habitats:</b>	None
<b>Commonwealth Reserves:</b>	None

## Extra Information

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

<b><u>State and Territory Reserves:</u></b>	17
<b>Other Commonwealth Reserves:</b>	None
<b>Regional Forest Agreements:</b>	None

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## Details

### Matters of National Environmental Significance

Threatened Species [ <a href="#">Dataset Information</a> ]	Status	Type of Presence
<b>Birds</b>		
<a href="#"><i>Acanthiza iredalei iredalei</i></a> Slender-billed Thornbill (western)	Vulnerable	Species or species habitat likely to occur within area
<a href="#"><i>Calyptorhynchus latirostris</i></a> Carnaby's Black-Cockatoo, Short-billed Black-Cockatoo	Endangered	Species or species habitat likely to occur within area
<a href="#"><i>Macronectes giganteus</i></a> Southern Giant-Petrel	Endangered	Species or species habitat may occur within area
<a href="#"><i>Macronectes halli</i></a> Northern Giant-Petrel	Vulnerable	Species or species habitat may occur within area
<a href="#"><i>Thalassarche cauta cauta</i></a> Shy Albatross, Tasmanian Shy Albatross	Vulnerable	Species or species habitat may occur within area

## Mammals

<a href="#"><i>Eubalaena australis</i></a> Southern Right Whale	Endangered	Species or species habitat likely to occur within area
<a href="#"><i>Megaptera novaeangliae</i></a> Humpback Whale	Vulnerable	Species or species habitat known to occur within area
<a href="#"><i>Neophoca cinerea</i></a> Australian Sea-lion	Vulnerable	Species or species habitat may occur within area

## Reptiles

<a href="#"><i>Caretta caretta</i></a> Loggerhead Turtle	Endangered	Species or species habitat likely to occur within area
<a href="#"><i>Chelonia mydas</i></a> Green Turtle	Vulnerable	Species or species habitat likely to occur within area
<a href="#"><i>Dermochelys coriacea</i></a> Leatherback Turtle, Leathery Turtle, Luth	Endangered	Species or species habitat may occur within area
<a href="#"><i>Egernia stokesii badia</i></a> Western Spiny-tailed Skink	Endangered	Species or species habitat likely to occur within area

## Sharks

<a href="#"><i>Carcharias taurus (west coast population)</i></a> Grey Nurse Shark (west coast population)	Vulnerable	Species or species habitat may occur within area
<a href="#"><i>Carcharodon carcharias</i></a> Great White Shark	Vulnerable	Species or species habitat may occur within area
<a href="#"><i>Rhincodon typus</i></a> Whale Shark	Vulnerable	Species or species habitat may occur within area

## Plants

<a href="#"><i>Caladenia bryceana subsp. cracens</i></a> Northern Dwarf Spider-orchid	Vulnerable	Species or species habitat likely to occur within area
<a href="#"><i>Caladenia elegans</i></a> Elegant Spider-orchid	Endangered	Species or species habitat likely to occur within area
<a href="#"><i>Caladenia hoffmanii</i></a> Hoffman's Spider-orchid	Endangered	Species or species habitat likely to occur within area
<a href="#"><i>Caladenia wanosa</i></a> Kalbarri Spider-orchid	Vulnerable	Species or species habitat likely to occur within area
<a href="#"><i>Drummondita ericoides</i></a> Morseby Range Drummondita	Endangered	Species or species habitat likely to occur within area
<a href="#"><i>Eremophila viscida</i></a> Varnish Bush	Endangered	Species or species habitat may occur within area
<a href="#"><i>Eucalyptus blaxellii</i></a> Howatharra Mallee	Vulnerable	Species or species habitat likely to occur within area
<a href="#"><i>Eucalyptus cuprea</i></a>	Endangered	Species or species habitat

Mallee Box		likely to occur within area
<a href="#"><i>Hypocalymma longifolium</i></a>	Endangered	Species or species habitat likely to occur within area
<a href="#"><i>Pityrodia augustensis</i></a> Mt Augustus Foxglove	Vulnerable	Species or species habitat likely to occur within area
<a href="#"><i>Ptilotus fasciculatus</i></a> Fitzgerald's Mulla-mulla	Endangered	Species or species habitat likely to occur within area

Migratory Species [ <a href="#">Dataset Information</a> ]	Status	Type of Presence
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### Migratory Terrestrial Species

#### Birds

<a href="#"><i>Haliaeetus leucogaster</i></a> White-bellied Sea-Eagle	Migratory	Species or species habitat likely to occur within area
<a href="#"><i>Merops ornatus</i></a> Rainbow Bee-eater	Migratory	Species or species habitat may occur within area

### Migratory Wetland Species

#### Birds

<a href="#"><i>Ardea alba</i></a> Great Egret, White Egret	Migratory	Species or species habitat may occur within area
<a href="#"><i>Ardea ibis</i></a> Cattle Egret	Migratory	Species or species habitat may occur within area
<a href="#"><i>Charadrius veredus</i></a> Oriental Plover, Oriental Dotterel	Migratory	Species or species habitat may occur within area

### Migratory Marine Birds

<a href="#"><i>Apus pacificus</i></a> Fork-tailed Swift	Migratory	Species or species habitat may occur within area
<a href="#"><i>Ardea alba</i></a> Great Egret, White Egret	Migratory	Species or species habitat may occur within area
<a href="#"><i>Ardea ibis</i></a> Cattle Egret	Migratory	Species or species habitat may occur within area
<a href="#"><i>Macronectes giganteus</i></a> Southern Giant-Petrel	Migratory	Species or species habitat may occur within area
<a href="#"><i>Macronectes halli</i></a> Northern Giant-Petrel	Migratory	Species or species habitat may occur within area
<a href="#"><i>Thalassarche cauta (sensu stricto)</i></a> Shy Albatross, Tasmanian Shy Albatross	Migratory	Species or species habitat may occur within area

### Migratory Marine Species

#### Mammals

<a href="#"><i>Balaenoptera edeni</i></a> Bryde's Whale	Migratory	Species or species habitat may occur within area
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<a href="#"><u>Dugong dugon</u></a> Dugong	Migratory	Species or species habitat likely to occur within area
<a href="#"><u>Eubalaena australis</u></a> Southern Right Whale	Migratory	Species or species habitat likely to occur within area
<a href="#"><u>Lagenorhynchus obscurus</u></a> Dusky Dolphin	Migratory	Species or species habitat may occur within area
<a href="#"><u>Megaptera novaeangliae</u></a> Humpback Whale	Migratory	Species or species habitat known to occur within area
<a href="#"><u>Orcinus orca</u></a> Killer Whale, Orca	Migratory	Species or species habitat may occur within area
<b>Reptiles</b>		
<a href="#"><u>Caretta caretta</u></a> Loggerhead Turtle	Migratory	Species or species habitat likely to occur within area
<a href="#"><u>Chelonia mydas</u></a> Green Turtle	Migratory	Species or species habitat likely to occur within area
<a href="#"><u>Dermochelys coriacea</u></a> Leatherback Turtle, Leathery Turtle, Luth	Migratory	Species or species habitat may occur within area
<b>Sharks</b>		
<a href="#"><u>Carcharodon carcharias</u></a> Great White Shark	Migratory	Species or species habitat may occur within area
<a href="#"><u>Rhincodon typus</u></a> Whale Shark	Migratory	Species or species habitat may occur within area

## Other Matters Protected by the EPBC Act

Listed Marine Species [ <a href="#">Dataset Information</a> ]	Status	Type of Presence
<b>Birds</b>		
<a href="#"><u>Apus pacificus</u></a> Fork-tailed Swift	Listed - overfly marine area	Species or species habitat may occur within area
<a href="#"><u>Ardea alba</u></a> Great Egret, White Egret	Listed - overfly marine area	Species or species habitat may occur within area
<a href="#"><u>Ardea ibis</u></a> Cattle Egret	Listed - overfly marine area	Species or species habitat may occur within area
<a href="#"><u>Charadrius veredus</u></a> Oriental Plover, Oriental Dotterel	Listed - overfly	Species or species habitat may occur within area

	marine area	
<a href="#"><u><i>Haliaeetus leucogaster</i></u></a> White-bellied Sea-Eagle	Listed	Species or species habitat likely to occur within area
<a href="#"><u><i>Macronectes giganteus</i></u></a> Southern Giant-Petrel	Listed	Species or species habitat may occur within area
<a href="#"><u><i>Macronectes halli</i></u></a> Northern Giant-Petrel	Listed	Species or species habitat may occur within area
<a href="#"><u><i>Merops ornatus</i></u></a> Rainbow Bee-eater	Listed - overfly marine area	Species or species habitat may occur within area
<a href="#"><u><i>Thalassarche cauta (sensu stricto)</i></u></a> Shy Albatross, Tasmanian Shy Albatross	Listed	Species or species habitat may occur within area
<b>Mammals</b>		
<a href="#"><u><i>Arctocephalus forsteri</i></u></a> New Zealand Fur-seal	Listed	Species or species habitat may occur within area
<a href="#"><u><i>Dugong dugon</i></u></a> Dugong	Listed	Species or species habitat likely to occur within area
<a href="#"><u><i>Neophoca cinerea</i></u></a> Australian Sea-lion	Listed	Species or species habitat may occur within area
<b>Ray-finned fishes</b>		
<a href="#"><u><i>Acentronura australe</i></u></a> Southern Pygmy Pipehorse	Listed	Species or species habitat may occur within area
<a href="#"><u><i>Campichthys galei</i></u></a> Gale's Pipefish	Listed	Species or species habitat may occur within area
<a href="#"><u><i>Choeroichthys suillus</i></u></a> Pig-snouted Pipefish	Listed	Species or species habitat may occur within area
<a href="#"><u><i>Halicampus brocki</i></u></a> Brock's Pipefish	Listed	Species or species habitat may occur within area
<a href="#"><u><i>Hippocampus angustus</i></u></a> Western Spiny Seahorse, Narrow-bellied Seahorse	Listed	Species or species habitat may occur within area
<a href="#"><u><i>Hippocampus breviceps</i></u></a> Short-head Seahorse, Short-snouted Seahorse	Listed	Species or species habitat may occur within area
<a href="#"><u><i>Hippocampus subelongatus</i></u></a> West Australian Seahorse	Listed	Species or species habitat may occur within area
<a href="#"><u><i>Lissocampus fatiloquus</i></u></a> Prophet's Pipefish	Listed	Species or species habitat may occur within area
<a href="#"><u><i>Maroubra perserrata</i></u></a> Sawtooth Pipefish	Listed	Species or species habitat may occur within area
<a href="#"><u><i>Mitotichthys meraculus</i></u></a>	Listed	Species or species habitat may



Western Crested Pipefish		occur within area
<a href="#"><i>Nannocampus subosseus</i></a> Bony-headed Pipefish	Listed	Species or species habitat may occur within area
<a href="#"><i>Phycodurus eques</i></a> Leafy Seadragon	Listed	Species or species habitat may occur within area
<a href="#"><i>Phyllopteryx taeniolatus</i></a> Weedy Seadragon, Common Seadragon	Listed	Species or species habitat may occur within area
<a href="#"><i>Pugnaso curtirostris</i></a> Pug-nosed Pipefish	Listed	Species or species habitat may occur within area
<a href="#"><i>Solegnathus lettiensis</i></a> Gunther's Pipehorse, Indonesian Pipefish	Listed	Species or species habitat may occur within area
<a href="#"><i>Stigmatopora argus</i></a> Spotted Pipefish, Gulf Pipefish	Listed	Species or species habitat may occur within area
<a href="#"><i>Stigmatopora nigra</i></a> Wide-bodied Pipefish, Black Pipefish	Listed	Species or species habitat may occur within area
<a href="#"><i>Syngnathoides biaculeatus</i></a> Double-ended Pipehorse, Alligator Pipefish	Listed	Species or species habitat may occur within area
<a href="#"><i>Urocampus carinirostris</i></a> Hairy Pipefish	Listed	Species or species habitat may occur within area
<a href="#"><i>Vanacampus margaritifer</i></a> Mother-of-pearl Pipefish	Listed	Species or species habitat may occur within area

### Reptiles

<a href="#"><i>Aipysurus pooleorum</i></a> Shark Bay Seasnake	Listed	Species or species habitat may occur within area
<a href="#"><i>Caretta caretta</i></a> Loggerhead Turtle	Listed	Species or species habitat likely to occur within area
<a href="#"><i>Chelonia mydas</i></a> Green Turtle	Listed	Species or species habitat likely to occur within area
<a href="#"><i>Dermochelys coriacea</i></a> Leatherback Turtle, Leathery Turtle, Luth	Listed	Species or species habitat may occur within area
<a href="#"><i>Disteira kingii</i></a> Spectacled Seasnake	Listed	Species or species habitat may occur within area
<a href="#"><i>Pelamis platurus</i></a> Yellow-bellied Seasnake	Listed	Species or species habitat may occur within area

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

	Status	Type of Presence
<a href="#"><i>Balaenoptera acutorostrata</i></a> Minke Whale	Cetacean	Species or species habitat may occur within area
<a href="#"><i>Balaenoptera edeni</i></a> Bryde's Whale	Cetacean	Species or species habitat may occur within area
<a href="#"><i>Delphinus delphis</i></a>	Cetacean	Species or species habitat may

Common Dolphin, Short-beaked Common Dolphin	occur within area
<a href="#"><i>Eubalaena australis</i></a> Southern Right Whale	Cetacean Species or species habitat likely to occur within area
<a href="#"><i>Grampus griseus</i></a> Risso's Dolphin, Grampus	Cetacean Species or species habitat may occur within area
<a href="#"><i>Lagenorhynchus obscurus</i></a> Dusky Dolphin	Cetacean Species or species habitat may occur within area
<a href="#"><i>Megaptera novaeangliae</i></a> Humpback Whale	Cetacean Species or species habitat known to occur within area
<a href="#"><i>Orcinus orca</i></a> Killer Whale, Orca	Cetacean Species or species habitat may occur within area
<a href="#"><i>Stenella attenuata</i></a> Spotted Dolphin, Pantropical Spotted Dolphin	Cetacean Species or species habitat may occur within area
<a href="#"><i>Tursiops aduncus</i></a> Indian Ocean Bottlenose Dolphin, Spotted Bottlenose Dolphin	Cetacean Species or species habitat likely to occur within area
<a href="#"><i>Tursiops truncatus s. str.</i></a> Bottlenose Dolphin	Cetacean Species or species habitat may occur within area

Commonwealth Lands [ [Dataset Information](#) ]

Defence

Unknown

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

Note that not all Indigenous sites may be listed.

### Historic

[Chiverton House Complex WA](#)

[The Hermitage WA](#)

### Indigenous

[Appetarra Rockshelter Art Site WA](#)

[Racecourse Paddock Aboriginal Site WA](#)

### Natural

[East Yuna Nature Reserves WA](#)

[Mount Narryer Area WA](#)

[Wandana Nature Reserve WA](#)

## Extra Information

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

Bella Vista Nature Reserve, WA

Bindoo Hill Nature Reserve, WA

Blue Well Nature Reserve, WA  
East Yuna Nature Reserve, WA  
Howatharra Nature Reserve, WA  
Mallee Nature Reserve, WA  
McGauran Nature Reserve, WA  
Nilligarri Nature Reserve, WA  
Oakabella Nature Reserve, WA  
Oakajee Nature Reserve, WA  
Protheroe Nature Reserve, WA  
The Tubbs Nature Reserve, WA  
Un-named (No. 23920) Conservation Park, WA  
Urawa Nature Reserve, WA  
Wandana Nature Reserve, WA  
Weirmonger Nature Reserve, WA  
Wokatherra Nature Reserve, WA

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## 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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