



Australian Government

Department of the Environment, Water, Heritage and the Arts

## Environmental Reporting Tool

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1 September 2010 16:16

## Database Report

This report includes places of national environmental significance that are registered in the Department of the Environment and Water Resources' databases, for the selected area. The information presented here has been provided by a range of groups across Australia, and the accuracy and resolution varies.

**Search Type:** Area  
**Buffer:** 0 km  
**Coordinates:** -23.14788,150.92548, -23.19957,150.92548, -23.19957,150.99574, -23.14788,150.99574



**Report Contents:** [Summary](#) >> [Details](#) >> [Caveat](#) >> [Acknowledgment](#)

### Biodiversity

[Threatened Species:](#) 15  
[Migratory Species:](#) 28  
[Listed Marine Species:](#) 72  
**Invasive Species:** None  
[Whales and Other Cetaceans:](#) 12  
[Threatened Ecological Communities:](#)

### Heritage

[World Heritage Properties:](#) 1  
[Australian Heritage Sites:](#) 2

### Wetlands

[Ramsar sites:](#) 1  
 (Internationally important)  
[Nationally Important Wetlands:](#) 1

### National Pollutant Inventory

**Reporting Facilities:** None  
**Airsheds:** None  
**Catchments:** None

### Protected Areas

[Reserves and Conservation Areas](#)<sup>3</sup>  
**Regional Forest Agreements:** None



This map may contain data which are  
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### Biodiversity

Threatened Species [ [Dataset Information](#) ]

#### Birds

[Macronectes giganteus](#)  
 Southern Giant-Petrel

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

#### Mammals

[Balaenoptera musculus](#)  
 Blue Whale

Status	Comments
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

[Megaptera novaeangliae](#)

Humpback Whale

Vulnerable Breeding known to occur within area

**Reptiles**[Caretta caretta](#)

Loggerhead Turtle

Endangered Species or species habitat likely to occur within area

[Chelonia mydas](#)

Green Turtle

Vulnerable Breeding known to occur within area

[Dermochelys coriacea](#)

Leatherback Turtle, Leathery Turtle, Luth

Endangered Species or species habitat likely to occur within area

[Eretmochelys imbricata](#)

Hawksbill Turtle

Vulnerable Species or species habitat likely to occur within area

[Lepidochelys olivacea](#)

Olive Ridley Turtle, Pacific Ridley Turtle

Endangered Species or species habitat likely to occur within area

[Natator depressus](#)

Flatback Turtle

Vulnerable Breeding known to occur within area

**Sharks**[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**[Cycas megacarpa](#)

Endangered Species or species habitat may occur within area

[Cycas ophiolitica](#)

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

Migratory Species [ [Dataset Information](#) ]

Status Comments

**Migratory Terrestrial Species****Birds**[Haliaeetus leucogaster](#)

White-bellied Sea-Eagle

Migratory Species or species habitat likely to occur within area

[Hirundapus caudacutus](#)

White-throated Needletail

Migratory Species or species habitat may occur within area

[Hirundo rustica](#)

Barn Swallow

Migratory Species or species habitat may occur within area

[Myiagra cyanoleuca](#)

Satin Flycatcher

Migratory Species or species habitat likely to occur within area

**Migratory Wetland Species****Birds**[Arenaria interpres](#)

Ruddy Turnstone

Migratory Roosting known to occur within area

[Charadrius bicinctus](#)

Double-banded Plover

Migratory Roosting known to occur within area

[Gallinago hardwickii](#)

Latham's Snipe, Japanese Snipe

Migratory Roosting may occur within area

[Heteroscelus brevipes](#)

Grey-tailed Tattler

Migratory Roosting known to occur within area

[Numenius madagascariensis](#)

Eastern Curlew

Migratory Roosting known to occur within area

[Numenius minutus](#)

Little Curlew, Little Whimbrel

Migratory Roosting likely to occur within area

[Numenius phaeopus](#)

Whimbrel

Migratory Roosting known to occur within area

<a href="#">Pluvialis fulva</a> Pacific Golden Plover	Migratory	Roosting known to occur within area
<b>Migratory Marine Birds</b>		
<a href="#">Macronectes giganteus</a> Southern Giant-Petrel	Migratory	Species or species habitat may occur within area
<b>Migratory Marine Species</b>		
<b>Mammals</b>		
<a href="#">Balaenoptera edeni</a> Bryde's Whale	Migratory	Species or species habitat may occur within area
<a href="#">Balaenoptera musculus</a> Blue Whale	Migratory	Species or species habitat may occur within area
<a href="#">Dugong dugon</a> Dugong	Migratory	Species or species habitat likely to occur within area
<a href="#">Megaptera novaeangliae</a> Humpback Whale	Migratory	Breeding known to occur within area
<a href="#">Orcaella brevirostris</a> Irrawaddy Dolphin	Migratory	Species or species habitat may occur within area
<a href="#">Orcinus orca</a> Killer Whale, Orca	Migratory	Species or species habitat may occur within area
<a href="#">Sousa chinensis</a> Indo-Pacific Humpback Dolphin	Migratory	Species or species habitat may occur within area
<b>Reptiles</b>		
<a href="#">Caretta caretta</a> Loggerhead Turtle	Migratory	Species or species habitat likely to occur within area
<a href="#">Chelonia mydas</a> Green Turtle	Migratory	Breeding known to occur within area
<a href="#">Crocodylus porosus</a> Salt-water Crocodile, Estuarine Crocodile	Migratory	Species or species habitat likely to occur within area
<a href="#">Dermochelys coriacea</a> Leatherback Turtle, Leathery Turtle, Luth	Migratory	Species or species habitat likely to occur within area
<a href="#">Eretmochelys imbricata</a> Hawksbill Turtle	Migratory	Species or species habitat likely to occur within area
<a href="#">Lepidochelys olivacea</a> Olive Ridley Turtle, Pacific Ridley Turtle	Migratory	Species or species habitat likely to occur within area
<a href="#">Natator depressus</a> Flatback Turtle	Migratory	Breeding known to occur within area
<b>Sharks</b>		
<a href="#">Rhincodon typus</a> Whale Shark	Migratory	Species or species habitat may occur within area
Listed Marine Species [ <a href="#">Dataset Information</a> ]	Status	Comments
<b>Birds</b>		
<a href="#">Arenaria interpres</a> Ruddy Turnstone	Listed	Roosting known to occur within area
<a href="#">Charadrius bicinctus</a> Double-banded Plover	Listed - overfly marine area	Roosting known to occur within area
<a href="#">Charadrius ruficapillus</a> Red-capped Plover	Listed - overfly marine area	Roosting known to occur within area
<a href="#">Gallinago hardwickii</a> Latham's Snipe, Japanese Snipe	Listed - overfly marine area	Roosting may occur within area
<a href="#">Gallinago megala</a> Swinhoe's Snipe	Listed - overfly marine area	Roosting likely to occur within area

<a href="#">Gallinago stenura</a> Pin-tailed Snipe	Listed - overfly marine area	Roosting likely to occur within area
<a href="#">Haliaeetus leucogaster</a> White-bellied Sea-Eagle	Listed	Species or species habitat likely to occur within area
<a href="#">Heteroscelus brevipes</a> Grey-tailed Tattler	Listed	Roosting known to occur within area
<a href="#">Himantopus himantopus</a> Black-winged Stilt	Listed - overfly marine area	Roosting known to occur within area
<a href="#">Hirundapus caudacutus</a> White-throated Needletail	Listed - overfly marine area	Species or species habitat may occur within area
<a href="#">Hirundo rustica</a> Barn Swallow	Listed - overfly marine area	Species or species habitat may occur within area
<a href="#">Macronectes giganteus</a> Southern Giant-Petrel	Listed	Species or species habitat may occur within area
<a href="#">Myiagra cyanoleuca</a> Satin Flycatcher	Listed - overfly marine area	Species or species habitat likely to occur within area
<a href="#">Numenius madagascariensis</a> Eastern Curlew	Listed	Roosting known to occur within area
<a href="#">Numenius minutus</a> Little Curlew, Little Whimbrel	Listed - overfly marine area	Roosting likely to occur within area
<a href="#">Numenius phaeopus</a> Whimbrel	Listed	Roosting known to occur within area
<a href="#">Pluvialis fulva</a> Pacific Golden Plover	Listed	Roosting known to occur within area
<b>Mammals</b>		
<a href="#">Dugong dugon</a> Dugong	Listed	Species or species habitat likely to occur within area
<b>Ray-finned fishes</b>		
<a href="#">Acentronura tentaculata</a> Shortpouch Pygmy Pipehorse	Listed	Species or species habitat may occur within area
<a href="#">Campichthys tryoni</a> Tryon's Pipefish	Listed	Species or species habitat may occur within area
<a href="#">Choeroichthys brachysoma</a> Pacific Short-bodied Pipefish, Short-bodied Pipefish	Listed	Species or species habitat may occur within area
<a href="#">Corythoichthys amplexus</a> Fijian Banded Pipefish, Brown-banded Pipefish	Listed	Species or species habitat may occur within area
<a href="#">Corythoichthys flavofasciatus</a> Reticulate Pipefish, Yellow-banded Pipefish, Network Pipefish	Listed	Species or species habitat may occur within area
<a href="#">Corythoichthys haematopterus</a> Reef-top Pipefish	Listed	Species or species habitat may occur within area
<a href="#">Corythoichthys intestinalis</a> Australian Messmate Pipefish, Banded Pipefish	Listed	Species or species habitat may occur within area
<a href="#">Corythoichthys ocellatus</a> Orange-spotted Pipefish, Ocellated Pipefish	Listed	Species or species habitat may occur within area
<a href="#">Corythoichthys paxtoni</a> Paxton's Pipefish	Listed	Species or species habitat may occur within area
<a href="#">Corythoichthys schultzi</a> Schultz's Pipefish	Listed	Species or species habitat may occur within area
<a href="#">Doryrhamphus excisus</a> Bluestripe Pipefish, Indian Blue-stripe Pipefish, Pacific	Listed	Species or species habitat may occur within area

## Blue-stripe Pipefish

[Festucalex cinctus](#)

Girdled Pipefish

Listed

Species or species habitat may occur within area

[Filicampus tigris](#)

Tiger Pipefish

Listed

Species or species habitat may occur within area

[Halicampus dunckeri](#)

Red-hair Pipefish, Duncker's Pipefish

Listed

Species or species habitat may occur within area

[Halicampus grayi](#)

Mud Pipefish, Gray's Pipefish

Listed

Species or species habitat may occur within area

[Halicampus nitidus](#)

Glittering Pipefish

Listed

Species or species habitat may occur within area

[Halicampus spinostris](#)

Spiny-snout Pipefish

Listed

Species or species habitat may occur within area

[Hippichthys cyanospilos](#)

Blue-speckled Pipefish, Blue-spotted Pipefish

Listed

Species or species habitat may occur within area

[Hippichthys heptagonus](#)

Madura Pipefish, Reticulated Freshwater Pipefish

Listed

Species or species habitat may occur within area

[Hippichthys penicillus](#)

Beady Pipefish, Steep-nosed Pipefish

Listed

Species or species habitat may occur within area

[Hippocampus bargibanti](#)

Pygmy Seahorse

Listed

Species or species habitat may occur within area

[Hippocampus kuda](#)

Spotted Seahorse, Yellow Seahorse

Listed

Species or species habitat may occur within area

[Hippocampus planifrons](#)

Flat-face Seahorse

Listed

Species or species habitat may occur within area

[Hippocampus zebra](#)

Zebra Seahorse

Listed

Species or species habitat may occur within area

[Lissocampus runa](#)

Javelin Pipefish

Listed

Species or species habitat may occur within area

[Micrognathus andersonii](#)

Anderson's Pipefish, Shortnose Pipefish

Listed

Species or species habitat may occur within area

[Micrognathus brevirostris](#)

thorntail Pipefish, Thorn-tailed Pipefish

Listed

Species or species habitat may occur within area

[Nannocampus pictus](#)

Painted Pipefish, Reef Pipefish

Listed

Species or species habitat may occur within area

[Solegnathus hardwickii](#)

Pallid Pipehorse, Hardwick's Pipehorse

Listed

Species or species habitat may occur within area

[Solenostomus cyanopterus](#)

Robust Ghostpipefish, Blue-finned Ghost Pipefish,

Listed

Species or species habitat may occur within area

[Solenostomus paegnius](#)

Rough-snout Ghost Pipefish

Listed

Species or species habitat may occur within area

[Solenostomus paradoxus](#)

Ornate Ghostpipefish, Harlequin Ghost Pipefish, Ornate Ghost Pipefish

Listed

Species or species habitat may occur within area

[Syngnathoides biaculeatus](#)

Double-end Pipehorse, Double-ended Pipehorse, Alligator Pipefish

Listed

Species or species habitat may occur within area

[Trachyrhamphus bicoarctatus](#)

Bentstick Pipefish, Bend Stick Pipefish, Short-tailed Pipefish

Listed

Species or species habitat may occur within area

**Reptiles**[Acalyptophis peronii](#)

Horned Seasnake

Listed

Species or species habitat may occur within area

[Aipysurus duboisii](#)

Dubois' Seasnake

Listed

Species or species habitat may occur within area

[Aipysurus eydouxii](#)

Listed

Species or species habitat may occur within

Spine-tailed Seasnake		area
<a href="#">Aipysurus laevis</a> Olive Seasnake	Listed	Species or species habitat may occur within area
<a href="#">Astrotia stokesii</a> Stokes' Seasnake	Listed	Species or species habitat may occur within area
<a href="#">Caretta caretta</a> Loggerhead Turtle	Listed	Species or species habitat likely to occur within area
<a href="#">Chelonia mydas</a> Green Turtle	Listed	Breeding known to occur within area
<a href="#">Crocodylus porosus</a> Salt-water Crocodile, Estuarine Crocodile	Listed	Species or species habitat likely to occur within area
<a href="#">Dermochelys coriacea</a> Leatherback Turtle, Leathery Turtle, Luth	Listed	Species or species habitat likely to occur within area
<a href="#">Disteira kingii</a> Spectacled Seasnake	Listed	Species or species habitat may occur within area
<a href="#">Disteira major</a> Olive-headed Seasnake	Listed	Species or species habitat may occur within area
<a href="#">Emydocephalus annulatus</a> Turtle-headed Seasnake	Listed	Species or species habitat may occur within area
<a href="#">Eretmochelys imbricata</a> Hawksbill Turtle	Listed	Species or species habitat likely to occur within area
<a href="#">Hydrophis elegans</a> Elegant Seasnake	Listed	Species or species habitat may occur within area
<a href="#">Lapemis hardwickii</a> Spine-bellied Seasnake	Listed	Species or species habitat may occur within area
<a href="#">Laticauda colubrina</a> a sea krait	Listed	Species or species habitat may occur within area
<a href="#">Laticauda laticaudata</a> a sea krait	Listed	Species or species habitat may occur within area
<a href="#">Lepidochelys olivacea</a> Olive Ridley Turtle, Pacific Ridley Turtle	Listed	Species or species habitat likely to occur within area
<a href="#">Natator depressus</a> Flatback Turtle	Listed	Breeding known to occur within area
<a href="#">Pelamis platurus</a> Yellow-bellied Seasnake	Listed	Species or species habitat may occur within area
Whales and Other Cetaceans [ <a href="#">Dataset Information</a> ]	Status	Comments
<a href="#">Balaenoptera acutorostrata</a> Minke Whale	Cetacean	Species or species habitat may occur within area
<a href="#">Balaenoptera edeni</a> Bryde's Whale	Cetacean	Species or species habitat may occur within area
<a href="#">Balaenoptera musculus</a> Blue Whale	Cetacean	Species or species habitat may occur within area
<a href="#">Delphinus delphis</a> Common Dolphin, Short-beaked Common Dolphin	Cetacean	Species or species habitat may occur within area
<a href="#">Grampus griseus</a> Risso's Dolphin, Grampus	Cetacean	Species or species habitat may occur within area
<a href="#">Megaptera novaeangliae</a> Humpback Whale	Cetacean	Breeding known to occur within area
<a href="#">Orcaella brevirostris</a> Irrawaddy Dolphin	Cetacean	Species or species habitat may occur within area
<a href="#">Orcinus orca</a> Killer Whale, Orca	Cetacean	Species or species habitat may occur within area
<a href="#">Sousa chinensis</a> Indo-Pacific Humpback Dolphin	Cetacean	Species or species habitat may occur within area
<a href="#">Stenella attenuata</a> Spotted Dolphin, Pantropical Spotted Dolphin	Cetacean	Species or species habitat may occur within area

<a href="#">Tursiops aduncus</a> Indian Ocean Bottlenose Dolphin, Spotted Bottlenose Dolphin	Cetacean	Species or species habitat likely to occur within area
<a href="#">Tursiops truncatus s. str.</a> Bottlenose Dolphin	Cetacean	Species or species habitat may occur within area
Threatened Ecological Communities [ <a href="#">Dataset Information</a> ]	Status	Comments
<a href="#">Littoral Rainforest and Coastal Vine Thickets of Eastern Australia</a> Heritage World Heritage Properties [ <a href="#">Dataset Information</a> ] <a href="#">Great Barrier Reef QLD</a> Australian Heritage Sites [ <a href="#">Dataset Information</a> ] Note that not all Indigenous sites may be listed.	Critically Endangered	Community likely to occur within area

**Indigenous**[Wamba - Guran QLD](#)**Natural**[Great Barrier Reef Region QLD](#)

Wetlands

Wetlands of International Importance (Ramsar sites) [ [Dataset Information](#) ][SHOALWATER AND CORIO BAYS AREA](#)

Within same catchment as Ramsar site

Nationally Important Wetland Sites [ [Dataset Information](#) ][Great Barrier Reef Marine Park, QLD](#)

Other

Reserves and Conservation Areas [ [Dataset Information](#) ]

Great Barrier Reef Marine Park, COM

Keppel Bay Islands National Park, QLD

Mackay/Capricorn Marine Park, QLD

**Caveat**

The information presented here has been drawn from a range of sources, compiled for a variety of purposes. Details of the coverage of each dataset are included in the metadata [Dataset Information] links above.

**Acknowledgment**

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. The Department is extremely grateful to the many organisations and individuals who provided expert advice and information on numerous draft distributions.