



Protected Matters Search Tool

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3 September 2007 15:15

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.

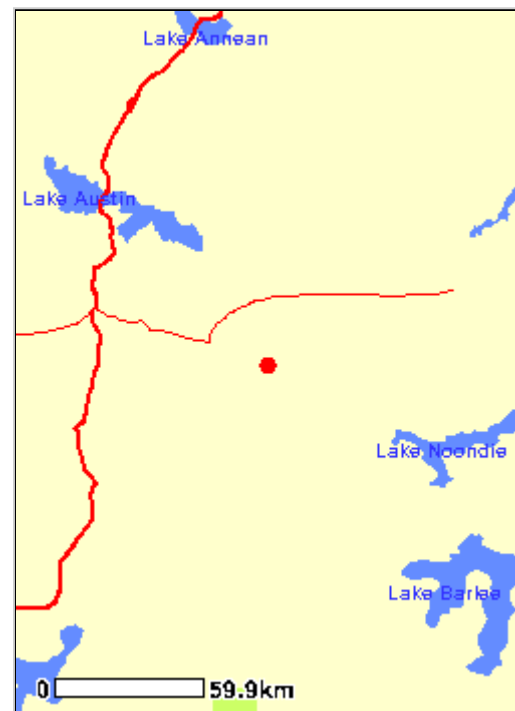
You may wish to print this report for reference before moving to other pages or websites.

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: Point
Buffer: 100 km
Coordinates: -28.3,118.55



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This map may contain data which are
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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
Commonwealth Marine Areas:	None
Threatened Ecological Communities:	None
<u>Threatened Species:</u>	2
<u>Migratory Species:</u>	7

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>	1
Commonwealth Heritage Places:	None
Places on the RNE:	None
<u>Listed Marine Species:</u>	4
Whales and Other Cetaceans:	None
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

Threatened Species [Dataset Information]	Status	Type of Presence
Birds		
Acanthiza iredalei iredalei * Slender-billed Thornbill (western)	Vulnerable	Species or species habitat likely to occur within area
Leipoa ocellata * Malleefowl	Vulnerable	Species or species habitat likely to occur within area
Migratory Species [Dataset Information]		
Migratory Terrestrial Species		
Birds		
Leipoa ocellata * Malleefowl	Migratory	Species or species habitat likely to occur within area
Merops ornatus * Rainbow Bee-eater	Migratory	Species or species habitat may occur within area
Migratory Wetland Species		
Birds		
Ardea alba Great Egret, White Egret	Migratory	Species or species habitat may occur within area
Ardea ibis Cattle Egret	Migratory	Species or species habitat may occur within area
Migratory Marine Birds		
Apus pacificus Fork-tailed Swift	Migratory	Species or species habitat may occur within area
Ardea alba Great Egret, White Egret	Migratory	Species or species habitat may occur within area
Ardea ibis Cattle Egret	Migratory	Species or species habitat may occur within area

Other Matters Protected by the EPBC Act

Listed Marine Species [Dataset Information]	Status	Type of Presence
Birds		
Apus pacificus Fork-tailed Swift	Listed - overfly	Species or species habitat may occur within area

	marine 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
Merops ornatus * Rainbow Bee-eater	Listed - overfly marine area	Species or species habitat may occur within area
Commonwealth Lands [Dataset Information]		
Unknown		

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.

Last updated:

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27.25301 °S 117.59189 °E / 29.28293 °S 119.45911 °E Windimurra Vanadium Project (plus ~100km buffer)

* *Date* *Certainty* *Seen* *Location Name* *Method***Schedule 1 - Fauna that is rare or is likely to become extinct*****Macrotis lagotis* Bilby 1 records**

This species shelters in burrows and occupies a range of habitats from grassland on clayey and stony soils or sandplains to mulga scrub and woodlands on red earths. It has suffered a large decline and contraction in distribution.

1854	2	0	Windimurra	Definite signs
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***Leipoa ocellata* Malleefowl 2 records**

This species was once widely distributed across southern Australia. It prefers woodland or shrubland with an abundant litter layer that provides essential material for the construction of its nest mound.

1974	1	1	Paynes Find	Day sighting
1995	1	1	Atley	

***Cyclodomorphus branchialis* Cyclodomorphus branchialis 2 records**

A ground-dwelling and largely nocturnal skink which shelters in spinifex, leaf litter and under fallen timber.

2005	1	2	Mount Magnet	Caught or trapped
2005	1	2	Mount Magnet	Caught or trapped

***Idiosoma nigrum* Shield-backed Trapdoor Spider 9 records**

This species is in decline in its patchy distribution through the northern and central wheatbelt and coastal plain. It is a long-lived species that is very sensitive to disturbance.

1955	1	1	Oudabunna	Caught or trapped
1955	1	1	Oudabunna	Caught or trapped
1955	1	1	Oudabunna	Caught or trapped
1955	1	1	Oudabunna	Caught or trapped
1955	1	1	Oudabunna	Caught or trapped
1955	1	1	Oudabunna	Caught or trapped
1955	1	1	Oudabunna	Caught or trapped
1955	1	1	Oudabunna	Caught or trapped
1957	1	1	Brown's Soak	Caught or trapped

Priority One: Taxa with few, poorly known populations on threatened lands***Lerista eupoda* Lerista eupoda 2 records**

This species of skink is restricted to the vicinity of Cue and Meekatharra.

1990	1	1	Reedy	Caught or trapped
1998	1	1	Reedy	Caught or trapped

Priority Four: Taxa in need of monitoring***Macroderma gigas* Ghost Bat 1 records**

This species is Australia's only carnivorous bat and has a patchy distribution across northern Australia. It shelters in caves, mine shafts and deep rock fissures and is sensitive to disturbance.

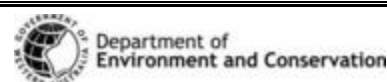
1854	2	3	Wydgee	Day sighting
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***Ardeotis australis* Australian Bustard 3 records**

This species is uncommon and may occur in open or lightly wooded grasslands.

1974	1	2	Sandstone	Day sighting
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Friday, 31 August 2007



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* <i>Date</i>	<i>Certainty</i>	<i>Seen</i>	<i>Location Name</i>	<i>Method</i>
1974	1	1	Wanarie	Day sighting
1983	1	2	Paynes Find	

Charadrius rubricollis **Hooded Plover** 2 records

This species frequents the margins and shallows of salt lakes, also along coastal beaches, where it forages for invertebrates along the water's edge.

1992	1		Lake Barlee	
2000	1	2	Lake Austin	Day sighting

* Information relating to any records provided for listed species:-

Date: date of recorded observation

Certainty (of correct species identification): 1=Very certain; 2=Moderately certain; and 3=Not sure.

Seen: Number of individuals observed.

Location Name: Name of reserve or nearest locality where observation was made

Method: Method or type of observation