

# **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.

Information is available about <u>Environment Assessments</u> and the EPBC Act including significance guidelines, forms and application process details.

Report created: 14/08/13 17:05:06

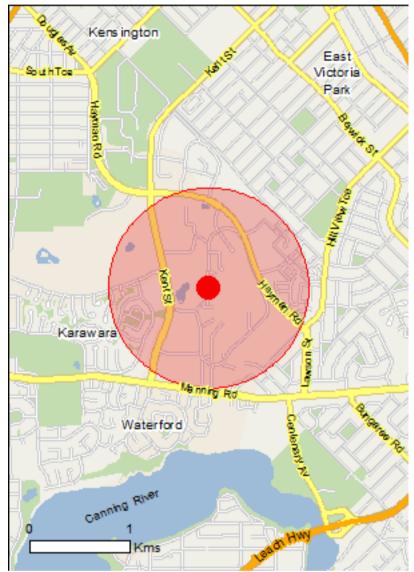
**Summary** 

**Details** 

Matters of NES
Other Matters Protected by the EPBC Act
Extra Information

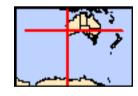
Caveat

<u>Acknowledgements</u>



This map may contain data which are ©Commonwealth of Australia (Geoscience Australia), ©PSMA 2010

Coordinates
Buffer: 1.0Km



### 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 <u>Administrative Guidelines on Significance</u>.

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance:	None
Great Barrier Reef Marine Park:	None
Commonwealth Marine Areas:	None
Listed Threatened Ecological Communities:	None
Listed Threatened Species:	23
Listed Migratory Species:	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 <a href="https://example.com/heritage-values">heritage-values</a> 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.

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.

A <u>permit</u> 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.

Commonwealth Land:	None
Commonwealth Heritage Places:	None
Listed Marine Species:	7
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.

Place on the RNE:	None
State and Territory Reserves:	None
Regional Forest Agreements:	None
Invasive Species:	40
Nationally Important Wetlands:	None
Key Ecological Features (Marine)	None

# **Details**

### Matters of National Environmental Significance

Listed Threatened Species		[ Resource Information ]
Name	Status	Type of Presence
Birds		
Botaurus poiciloptilus		
Australasian Bittern [1001]	Endangered	Species or species habitat known to occur within area
Calyptorhynchus banksii naso		
Forest Red-tailed Black-Cockatoo [67034]	Vulnerable	Species or species habitat may occur within area
Calyptorhynchus baudinii	Mada analala	
Baudin's Black-Cockatoo, Long-billed Black- Cockatoo [769]	Vulnerable	Species or species habitat likely to occur within area
Calyptorhynchus latirostris		
Carnaby's Black-Cockatoo, Short-billed Black- Cockatoo [59523]	Endangered	Species or species habitat likely to occur within area
<u>Leipoa ocellata</u>		
Malleefowl [934]	Vulnerable	Species or species habitat may occur within area
Rostratula australis		
Australian Painted Snipe [77037]	Endangered	Species or species habitat may occur within area
Sternula nereis nereis	Mala analala	0
Australian Fairy Tern [82950]	Vulnerable	Species or species habitat known to occur within area
Mammals		
Dasyurus geoffroii		
Chuditch, Western Quoll [330]	Vulnerable	Species or species habitat likely to occur within area
Pseudocheirus occidentalis Wastern Dingtail Dansum [25044]	\/loomoble	Charles or anasis
Western Ringtail Possum [25911]	Vulnerable	Species or species habitat may occur within area

Name	Status	Type of Presence
Setonix brachyurus Quokka [229]	Vulnerable	Species or species habitat may occur within area
Other		
Idiosoma nigrum Shield-backed Trapdoor Spider, Black Rugose Trapdoor Spider [66798]	Vulnerable	Species or species habitat likely to occur within area
Plants		
Andersonia gracilis Slender Andersonia [14470]	Endangered	Species or species habitat may occur within area
Caladenia huegelii King Spider-orchid, Grand Spider-orchid, Rusty Spider-orchid [7309]	Endangered	Species or species habitat likely to occur within area
Centrolepis caespitosa [6393]	Endangered	Species or species habitat likely to occur within area
Darwinia foetida Muchea Bell [83190]	Critically Endangered	Species or species habitat likely to occur within area
Diuris micrantha  Dwarf Bee-orchid [55082]	Vulnerable	Species or species habitat may occur within area
Diuris purdiei Purdie's Donkey-orchid [12950]	Endangered	Species or species habitat likely to occur within area
Drakaea elastica Glossy-leafed Hammer-orchid, Praying Virgin [16753]	Endangered	Species or species habitat likely to occur within area
Drakaea micrantha  Dwarf Hammer-orchid [56755]	Vulnerable	Species or species habitat likely to occur within area
Lepidosperma rostratum  Beaked Lepidosperma [14152]	Endangered	Species or species habitat likely to occur within area
Macarthuria keigheryi Keighery's Macarthuria [64930]	Endangered	Species or species habitat likely to occur within area
Thelymitra manginii K.Dixon & Batty ms. [67443]	Endangered	Species or species habitat may occur within area
Villarsia calthifolia Mountain Villarsia [10886]	Endangered	Species or species habitat may occur within area
Listed Migratory Species  * Species is listed under a different scientific name	on the EPBC Act - Threatene	[ Resource Information ] ed Species list.
Name Migratory Marine Birds	Threatened	Type of Presence
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Migratory Terrestrial Species		
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat known to occur within area

Name	Threatened	Type of Presence
	Tilleaterieu	Type of Fresence
<u>Leipoa ocellata</u>		
Malleefowl [934]	Vulnerable	Species or species habitat may occur within area
Merops ornatus		
Rainbow Bee-eater [670]		Species or species habitat may occur within area
Migratory Wetlands Species		
Ardea alba		
Great Egret, White Egret [59541]		Breeding known to occur within area
Ardea ibis		
Cattle Egret [59542]		Species or species habitat likely to occur within area
Rostratula benghalensis (sensu lato)		
Painted Snipe [889]	Endangered*	Species or species habitat may occur within

area

# Other Matters Protected by the EPBC Act

Listed Marine Species		[ Resource Information	
* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.			
Name	Threatened	Type of Presence	
Birds			
Apus pacificus			
Fork-tailed Swift [678]		Species or species habitat likely to occur within area	
Ardea alba			
Great Egret, White Egret [59541]		Breeding known to occur within area	
<u>Ardea ibis</u>			
Cattle Egret [59542]		Species or species habitat likely to occur within area	
<u>Haliaeetus leucogaster</u>			
White-bellied Sea-Eagle [943]		Species or species habitat known to occur within area	
Merops ornatus			
Rainbow Bee-eater [670]		Species or species habitat may occur within area	
Pandion haliaetus			
Osprey [952]		Breeding known to occur within area	
Rostratula benghalensis (sensu lato)			
Painted Snipe [889]	Endangered*	Species or species habitat may occur within area	

#### **Extra Information**

Invasive Sp	pecies	[ Resource Information ]

Weeds reported here are the 20 species of national significance (WoNS), along with other introduced plants that are considered by the States and Territories to pose a particularly significant threat to biodiversity. The following feral animals are reported: Goat, Red Fox, Cat, Rabbit, Pig, Water Buffalo and Cane Toad. Maps from Landscape Health Project, National Land and Water Resouces Audit, 2001.

2001.		
Name	Status	Type of Presence
Birds		31
Acridotheres tristis		
Common Myna, Indian Myna [387]		Species or species habitat likely to occur within area
Anas platyrhynchos		
Mallard [974]		Species or species habitat likely to occur within area
<u>Carduelis carduelis</u>		
European Goldfinch [403]  Columba livia		Species or species habitat likely to occur within area
Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
Passer domesticus		
House Sparrow [405]		Species or species habitat likely to occur within area
Passer montanus		
Eurasian Tree Sparrow [406]		Species or species habitat likely to occur within area
Streptopelia chinensis Spotta di Turtla Davia (790)		Charles or angeles
Spotted Turtle-Dove [780]		Species or species habitat likely to occur within area
Streptopelia senegalensis		0
Laughing Turtle-dove, Laughing Dove [781]  Sturnus vulgaris		Species or species habitat likely to occur within area
		Species or species
Common Starling [389]  Turdus merula		Species or species habitat likely to occur within area
Common Blackbird, Eurasian Blackbird [596]		Species or species
		habitat likely to occur within area
Mammals		
Bos taurus		
Domestic Cattle [16]		Species or species habitat likely to occur within area
Canis lupus familiaris		
Domestic Dog [82654]  Felis catus		Species or species habitat likely to occur within area
Cat, House Cat, Domestic Cat [19]  Funambulus pennantii		Species or species habitat likely to occur within area
•		Species or species
Northern Palm Squirrel, Five-striped Palm Squirrel [129]		Species or species habitat likely to occur

Name	Status	Type of Presence
		within area
Mus musculus		
House Mouse [120]		Species or species habitat likely to occur
		within area
Oryctolagus cuniculus  Dahhit Furana an Dahhit (400)		On a sing on an arian
Rabbit, European Rabbit [128]		Species or species habitat likely to occur
		within area
Rattus norvegicus		0
Brown Rat, Norway Rat [83]		Species or species habitat likely to occur
		within area
Rattus rattus		0
Black Rat, Ship Rat [84]		Species or species habitat likely to occur
		within area
Vulpes vulpes  Ded Fee Fee [40]		On a sing on an arian
Red Fox, Fox [18]		Species or species habitat likely to occur
		within area
Plants		
Anredera cordifolia  Madeira Vine, Jalap, Lamb's-tail, Mignonette Vine,		Species or species
Anredera, Gulf Madeiravine, Heartleaf		habitat likely to occur
Madeiravine, Potato Vine [2643]		within area
Asparagus aethiopicus Asparagus Fern, Ground Asparagus, Basket Fern,		Species or species
Sprengi's Fern, Bushy Asparagus, Emerald		habitat likely to occur
Asparagus [62425]		within area
Asparagus asparagoides  Bridal Creeper, Bridal Veil Creeper, Smilax,		Species or species
Florist's Smilax, Smilax Asparagus [22473]		habitat likely to occur
		within area
Asparagus plumosus Climbing Asparagus-fern [48993]		Species or species
Climbing Asparagus-letti [40995]		habitat likely to occur
		within area
Brachiaria mutica Para Grass [5879]		Species or species
		habitat may occur within
Canalania all'aria		area
Cenchrus ciliaris  Buffel-grass, Black Buffel-grass [20213]		Species or species
Danor grace, Diaon Danor grace [20210]		habitat may occur within
Charles and a special as a spec		area
Chrysanthemoides monilifera Bitou Bush, Boneseed [18983]		Species or species
Dited Duein, Democeda [10000]		habitat may occur within
Chrysonthomoides monilifore subsp. monilifore		area
Chrysanthemoides monilifera subsp. monilifera Boneseed [16905]		Species or species
		habitat likely to occur
Genista sp. X Genista monspessulana		within area
Broom [67538]		Species or species
• •		habitat may occur within
Lantana camara		area
Lantana, Common Lantana, Kamara Lantana,		Species or species
Large-leaf Lantana, Pink Flowered Lantana, Red		habitat likely to occur
Flowered Lantana, Red-Flowered Sage, White Sage, Wild Sage [10892]		within area
Lycium ferocissimum		
African Boxthorn, Boxthorn [19235]		Species or species
		habitat likely to occur within area
Olea europaea		
Olive, Common Olive [9160]		Species or species
		habitat may occur within area
Pinus radiata		
Radiata Pine Monterey Pine, Insignis Pine, Wilding		Species or species

Name Type of Presence **Status** habitat may occur within Pine [20780] area Protasparagus plumosus Climbing Asparagus-fern, Ferny Asparagus Species or species habitat likely to occur [11747] within area Rubus fruticosus aggregate Blackberry, European Blackberry [68406] Species or species habitat likely to occur within area Sagittaria platyphylla Delta Arrowhead, Arrowhead, Slender Arrowhead Species or species habitat likely to occur [68483] within area Salix spp. except S.babylonica, S.x calodendron & S.x reichardtii Willows except Weeping Willow, Pussy Willow and Species or species habitat likely to occur Sterile Pussy Willow [68497] within area Salvinia molesta Salvinia, Giant Salvinia, Aquarium Watermoss, Species or species Kariba Weed [13665] habitat likely to occur within area Tamarix aphylla Athel Pine, Athel Tree, Tamarisk, Athel Tamarisk, Species or species habitat likely to occur Athel Tamarix, Desert Tamarisk, Flowering Cypress, Salt Cedar [16018] within area Reptiles Hemidactylus frenatus Asian House Gecko [1708] Species or species habitat likely to occur within area Ramphotyphlops braminus

Flowerpot Blind Snake, Brahminy Blind Snake, Species or species Cacing Besi [1258] habitat likely to occur within area

### Coordinates

-32.00522 115.89196

#### 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 following provisions of the EPBC Act have been mapped:

- migratory and
- marine

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.

### Acknowledgements

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

- -Department of Environment, Climate Change and Water, New South Wales
- -Department of Sustainability and Environment, Victoria
- -Department of Primary Industries, Parks, Water and Environment, Tasmania
- -Department of Environment and Natural Resources, South Australia
- -Parks and Wildlife Service NT, NT Dept of Natural Resources, Environment and the Arts
- -Environmental and Resource Management, Queensland
- -Department of Environment and Conservation, Western Australia
- -Department of the Environment, Climate Change, Energy and Water
- -Birds Australia
- -Australian Bird and Bat Banding Scheme
- -Australian National Wildlife Collection
- -Natural history museums of Australia
- -Museum Victoria
- -Australian Museum
- -SA Museum
- -Queensland Museum
- -Online Zoological Collections of Australian Museums
- -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
- -Ocean Biogeographic Information System
- -Australian Government, Department of Defence
- -State Forests of NSW
- -Geoscience Australia
- -CSIRO
- -Other groups and individuals

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

Please feel free to provide feedback via the Contact Us page.

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