

**Add species to  
map groups**

**Selected Area:** User Defined - 151.064,-33.98,151.16400000000001,-33.88  
**Search Type:** Flora  
**Agencies:** NSW State Forests, National Parks & Wildlife Service, Royal Botanic Gardens  
**Threatened Status:** E1,E4,FE,FV,V  
**Search Term:** Search All Records

You can now determine which species you would like to map. You do this by adding the species you want to a map group. There are five map groups. The species allocated to each map group are displayed on the map with a symbol.

By default only the first 500 species found are displayed. If your search produces more results than this, you can choose "Next 500" to view the next five hundred search results, or choose "Show All" to view all records (if there are more than 500 results).

Note that a MAXIMUM total of 20 species can be assigned to Map Groups.

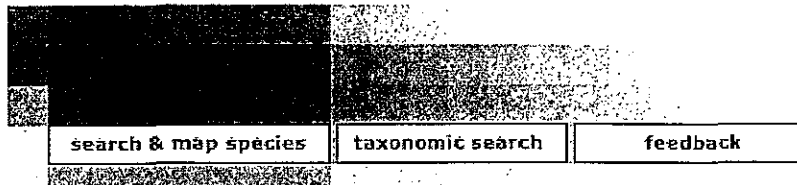
**Matching Records: 17** (Showing: 1 - 17)

Auto assign to Group 1		Next Step				
Order	Family	Sci Name	Common Name	Agency	Threat	Count
	<b>Convolvulaceae</b>					
		<i>Wilsonia backhousei</i>		RBGPub	V	2
	<b>Fabaceae (Faboideae)</b>					
		<i>Pultenaea pedunculata</i>		RBGPub	E1	1
	<b>Fabaceae (Mimosoideae)</b>					
		<i>Acacia bynoeana</i>	Bynoe's Wattle	RBGPub	E1	1
		<i>Acacia pubescens</i>	Downy Wattle	RBGPub	V	20
		<i>Acacia bynoeana</i>		NPPub	E1	1
		<i>Acacia pubescens</i>		NPPub	V	10
	<b>Myrtaceae</b>					
		<i>Callistemon linearifolius</i>		RBGPub	V	1
		<i>Melaleuca deanei</i>		RBGPub	V	1
		<i>Melaleuca deanei</i>		NPPub	V	5
		<i>Syzygium paniculatum</i>		RBGPub	V	1
		<i>Syzygium paniculatum</i>		NPPub	V	1
	<b>Orchidaceae</b>					
		<i>Caladenia tessellata</i>	Thick Lip Spider Orchid	RBGPub	E1	1

<i>Caladenia tessellata</i>	NPPub	E1	2
<b>Poaceae</b>			
<i>Deyeuxia appressa</i>	RBGPub	E1	1
<b>Proteaceae</b>			
<i>Persoonia nutans</i>	RBGPub	E1	3
<b>Tremandraceae</b>			
<i>Tetratheca juncea</i>	RBGPub	V	3
<i>Tetratheca juncea</i>	NPPub	V	5

[Auto assign to Group 1](#)[Next Step](#)

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### Add species to map groups

**Selected Area:** User Defined - 151.064,-33.98,151.16400000000001,-33.88  
**Search Type:** Fauna  
**Agencies:** Australian Museum, NSW Fisheries, NSW State Forests, National Parks & Wildlife Se  
**Threatened Status:** E1,E4,FE,FV,V  
**Search Term:** Search All Records

You can now determine which species you would like to map. You do this by adding the species you want to map group. There are five map groups. The species allocated to each map group are displayed on the map symbol.

By default only the first 500 species found are displayed. If your search produces more results than this, choose "Next 500" to view the next five hundred search results, or choose "Show All" to view all records. (1 results).

Note that a MAXIMUM total of 20 species can be assigned to Map Groups.

**Matching Records: 18** (Showing: 1 - 18)

Auto assign to Group 1		Next Step	
Order	Family Sci Name	Common Name	Agency Threat Cour
<b>AMPHIBIANS</b>			
<b>Anura</b>		Frogs and Reptiles	
	<b>Hylidae</b>	Tree frogs	
	<i>Litoria aurea</i>	Green and Golden Bell Frog	NPPub E1 33
	<b>Myobatrachidae</b>	Terrestrial frogs	
	<i>Crinia tinnula</i>		NPPub V 1
<b>BIRDS</b>			
<b>Charadriiformes</b>		Oystercatchers, Snipes, Terns, Gulls, Sandpipers,	
	<b>Scolopacidae</b>		
	<i>Xenus cinereus</i>	Terek Sandpiper	NPPub V 1
<b>Columbiformes</b>		Pigeons	
	<b>Columbidae</b>		
	<i>Ptilinopus superbus</i>		AMPub V 2
	<i>Ptilinopus superbus</i>		NPPub V 2
<b>Passeriformes</b>		Songbirds	
	<b>Meliphagidae</b>		
	<i>Xanthomyza phrygia</i>	Regent Honeyeater	NPPub E1 1
<b>Psittaciformes</b>		Parrots (including Cockatoos)	

<b>Psittacidae</b>					
	<i>Lathamus discolor</i>	Swift Parrot	AMPub	E1	1
	<i>Lathamus discolor</i>	Swift Parrot	NPPub	E1	1
	<i>Neophema pulchella</i>		AMPub	V	2
<b>Strigiformes</b>		Owls			
<b>Tytonidae</b>					
	<i>Tyto novaehollandiae</i>		NPPub	V	1
<b>FISH</b>					
<b>Rajiformes</b>		Skates, Banjo Rays, Electric Rays, Stingrays, Mant			
<b>Pristidae</b>		Sawfishes			
	<i>Pristis zijsron</i>	Green Saw-fish, Green Sawfish, Longcomb Sawfish, N	AMPub	FE	1
<b>MAMMALS</b>					
<b>Chiroptera</b>		Bats			
<b>Pteropodidae</b>		Fruit bats and Flying Foxes			
	<i>Pteropus poliocephalus</i>	Grey-headed Flying-fox	AMPub	V	2
	<i>Pteropus poliocephalus</i>	Grey-headed Flying-fox	NPPub	V	14
<b>Vespertilionidae</b>		Long-eared, Broad-nosed and other bats			
	<i>Falsistrellus tasmaniensis</i>	Great Pipistrelle	AMPub	V	1
	<i>Myotis adversus</i>		NPPub	V	1
<b>Dasyuromorphia</b>		Numbats, Antechinus', Dunnarts and Quolls			
<b>Dasyuridae</b>		Antechinus', Dunnarts and Quolls			
	<i>Dasyurus maculatus</i>	Tiger Quoll	AMPub	V	1
	<i>Dasyurus viverrinus</i>	Eastern Quoll	AMPub	E1	7
<b>Pinnipedia</b>		Seals			
<b>Otariidae</b>		Eared seals, Fur seals and Sealions			
	<i>Arctocephalus pusillus doriferus</i>		NPPub	V	1

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## Report Contents:

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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>.

<b>World Heritage Properties:</b>	None
<b>National Heritage Places:</b>	None
<b><u>Wetlands of International Significance:</u></b> <b>(Ramsar Sites)</b>	1
<b>Commonwealth Marine Areas:</b>	None
<b>Threatened Ecological Communities:</b>	None
<b><u>Threatened Species:</u></b>	16
<b><u>Migratory Species:</u></b>	9

### 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>.

<b><u>Commonwealth Lands:</u></b>	1
<b>Commonwealth Heritage Places:</b>	None
<b>Places on the RNE:</b>	None
<b><u>Listed Marine Species:</u></b>	13

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

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## Details

### Matters of National Environmental Significance

Wetlands of International Significance [ [Dataset Information](#) ]  
(Ramsar Sites)

#### TOWRA POINT NATURE RESERVE

Within 10 km of Ramsar site

#### Threatened Species [ [Dataset Information](#) ]

Status

Type of Presence

#### Birds

1	<u><i>Lathamus discolor</i></u> * Swift Parrot	Endangered	Species or species habitat may occur within area
2	<u><i>Neophema chrysogaster</i></u> * Orange-bellied Parrot	Endangered	Species or species habitat may occur within area
	<u><i>Rostratula australis</i></u> * Australian Painted Snipe	Vulnerable	Species or species habitat may occur within area
3	<u><i>Xanthomyza phrygia</i></u> * Regent Honeyeater	Endangered	Species or species habitat likely to occur within area

#### Frogs

	<u><i>Heleioporus australiacus</i></u> * Giant Burrowing Frog	Vulnerable	Species or species habitat likely to occur within area
	<u><i>Litoria aurea</i></u> * Green and Golden Bell Frog	Vulnerable	Species or species habitat may occur within area

#### Mammals

4	<u><i>Chalinolobus dwyeri</i></u> * Large-eared Pied Bat, Large Pied Bat	Vulnerable	Species or species habitat may occur within area
5	<u><i>Dasyurus maculatus maculatus</i></u> (SE mainland population)* Spot-tailed Quoll, Spotted-tail Quoll, Tiger Quoll (southeastern mainland population)	Endangered	Species or species habitat likely to occur within area
6	<u><i>Petrogale penicillata</i></u> * Brush-tailed Rock-wallaby	Vulnerable	Species or species habitat may occur within area
7	<u><i>Potorous tridactylus tridactylus</i></u> * Long-nosed Potoroo (SE mainland)	Vulnerable	Species or species habitat may occur within area



<u><i>Pteropus poliocephalus</i></u> * Grey-headed Flying-fox	Vulnerable	Species or species habitat likely to occur within area
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### Ray-finned fishes

<u><i>Prototroctes maraena</i></u> * Australian Grayling	Vulnerable	Species or species habitat likely to occur within area
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### Reptiles

<u><i>Hoplocephalus bungaroides</i></u> * Broad-headed Snake	Vulnerable	Species or species habitat likely to occur within area
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### Plants

<u><i>Acacia pubescens</i></u> * Downy Wattle, Hairy Stemmed Wattle	Vulnerable	Species or species habitat likely to occur within area
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<u><i>Caladenia tessellata</i></u> * Thick-lipped Spider-orchid, Daddy Long-legs	Vulnerable	Species or species habitat likely to occur within area
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<u><i>Thesium australe</i></u> * Austral Toadflax, Toadflax	Vulnerable	Species or species habitat likely to occur within area
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Migratory Species [ <a href="#">Dataset Information</a> ]	Status	Type of Presence
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### Migratory Terrestrial Species

#### Birds

<u><i>Haliaeetus leucogaster</i></u> White-bellied Sea-Eagle	Migratory	Species or species habitat likely to occur within area
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<u><i>Hirundapus caudacutus</i></u> White-throated Needletail	Migratory	Species or species habitat may occur within area
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<u><i>Monarcha melanopsis</i></u> Black-faced Monarch	Migratory	Breeding may occur within area
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<u><i>Myiagra cyanoleuca</i></u> Satin Flycatcher	Migratory	Breeding likely to occur within area
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<u><i>Neophema chrysogaster</i></u> Orange-bellied Parrot	Migratory	Species or species habitat may occur within area
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<u><i>Rhipidura rufifrons</i></u> Rufous Fantail	Migratory	Breeding may occur within area
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<u><i>Xanthomyza phrygia</i></u> Regent Honeyeater	Migratory	Species or species habitat likely to occur within area
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### Migratory Wetland Species

#### Birds

<u><i>Gallinago hardwickii</i></u> Latham's Snipe, Japanese Snipe	Migratory	Species or species habitat may occur within area
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<u><i>Rostratula benghalensis s. lat.</i></u> Painted Snipe	Migratory	Species or species habitat may occur within area
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## Other Matters Protected by the EPBC Act

Listed Marine Species [ <a href="#">Dataset Information</a> ]	Status	Type of Presence
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#### Birds

<u><i>Apus pacificus</i></u> Fork-tailed Swift	Listed - overfly marine area	Species or species habitat may occur within area
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<u><i>Ardea alba</i></u>	Listed -	Species or species habitat may occur
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Great Egret, White Egret	overfly marine area	within area
<u><i>Ardea ibis</i></u> Cattle Egret	Listed - overfly marine area	Species or species habitat may occur within area
<u><i>Gallinago hardwickii</i></u> Latham's Snipe, Japanese Snipe	Listed - overfly marine area	Species or species habitat may occur within area
<u><i>Haliaeetus leucogaster</i></u> White-bellied Sea-Eagle	Listed	Species or species habitat likely to occur within area
<u><i>Hirundapus caudacutus</i></u> White-throated Needletail	Listed - overfly marine area	Species or species habitat may occur within area
<u><i>Lathamus discolor</i></u> Swift Parrot	Listed - overfly marine area	Species or species habitat may occur within area
<u><i>Merops ornatus</i></u> Rainbow Bee-eater	Listed - overfly marine area	Species or species habitat may occur within area
<u><i>Monarcha melanopsis</i></u> Black-faced Monarch	Listed - overfly marine area	Breeding may occur within area
<u><i>Myiagra cyanoleuca</i></u> Satin Flycatcher	Listed - overfly marine area	Breeding likely to occur within area
<u><i>Neophema chrysogaster</i></u> Orange-bellied Parrot	Listed - overfly marine area	Species or species habitat may occur within area
<u><i>Rhipidura rufifrons</i></u> Rufous Fantail	Listed - overfly marine area	Breeding may occur within area
<u><i>Rostratula benghalensis s. lat.</i></u> Painted Snipe	Listed - overfly marine area	Species or species habitat may occur within area

Commonwealth Lands [ [Dataset Information](#) ]

## 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.

Last updated:

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