



# 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 [Environment Assessments](#) and the EPBC Act including significance guidelines, forms and application process details.

Report created: 24/10/16 10:10:03

[Summary](#)

[Details](#)

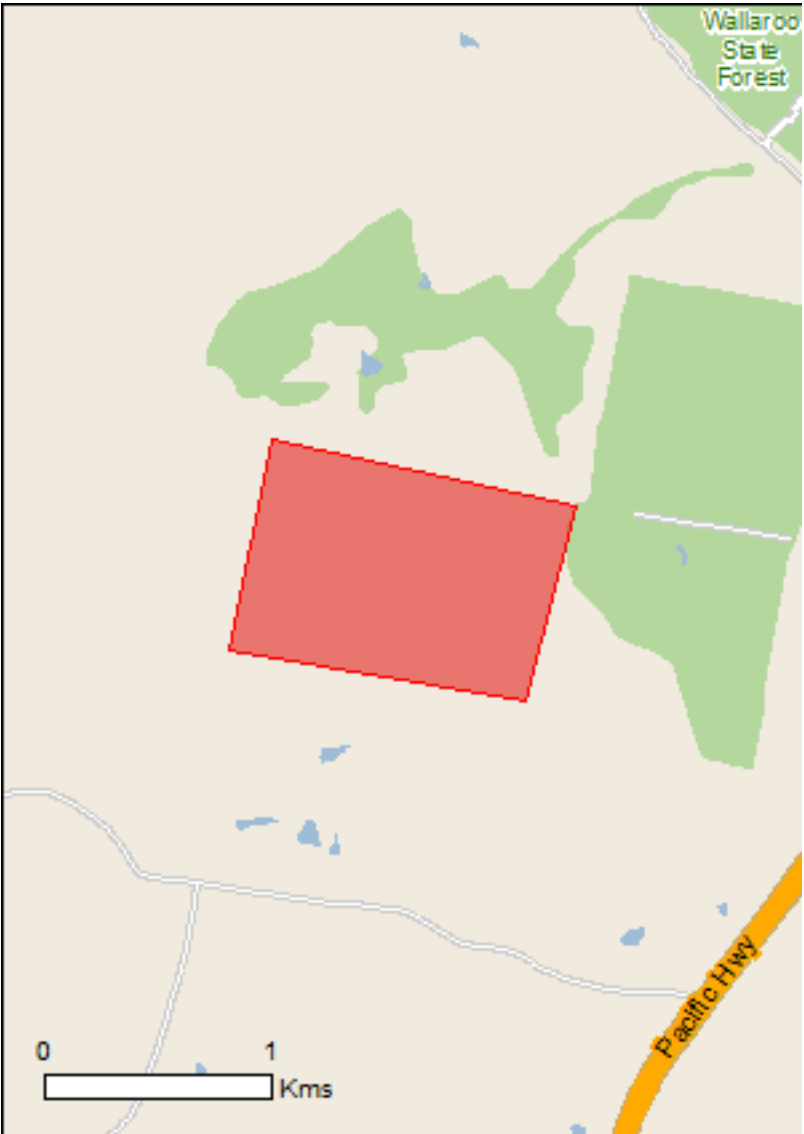
[Matters of NES](#)

[Other Matters Protected by the EPBC Act](#)

[Extra Information](#)

[Caveat](#)

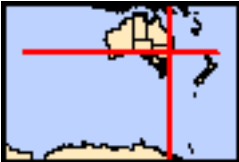
[Acknowledgements](#)



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[Buffer: 0.0Km](#)



# 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 [Administrative Guidelines on Significance](#).

|                                                           |      |
|-----------------------------------------------------------|------|
| <a href="#">World Heritage Properties:</a>                | None |
| <a href="#">National Heritage Places:</a>                 | None |
| <a href="#">Wetlands of International Importance:</a>     | 1    |
| <a href="#">Great Barrier Reef Marine Park:</a>           | None |
| <a href="#">Commonwealth Marine Area:</a>                 | None |
| <a href="#">Listed Threatened Ecological Communities:</a> | 2    |
| <a href="#">Listed Threatened Species:</a>                | 26   |
| <a href="#">Listed Migratory Species:</a>                 | 12   |

## 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. Information on the new heritage laws can be found at <http://www.environment.gov.au/heritage>

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.

|                                                    |      |
|----------------------------------------------------|------|
| <a href="#">Commonwealth Land:</a>                 | None |
| <a href="#">Commonwealth Heritage Places:</a>      | None |
| <a href="#">Listed Marine Species:</a>             | 18   |
| <a href="#">Whales and Other Cetaceans:</a>        | None |
| <a href="#">Critical Habitats:</a>                 | None |
| <a href="#">Commonwealth Reserves Terrestrial:</a> | None |
| <a href="#">Commonwealth Reserves Marine:</a>      | None |

## Extra Information

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

|                                                  |      |
|--------------------------------------------------|------|
| <a href="#">State and Territory Reserves:</a>    | None |
| <a href="#">Regional Forest Agreements:</a>      | 1    |
| <a href="#">Invasive Species:</a>                | 41   |
| <a href="#">Nationally Important Wetlands:</a>   | None |
| <a href="#">Key Ecological Features (Marine)</a> | None |

# Details

## Matters of National Environmental Significance

| Wetlands of International Importance (Ramsar) |  | [ Resource Information ] |
|-----------------------------------------------|--|--------------------------|
| Name                                          |  | Proximity                |
| <a href="#">Hunter estuary wetlands</a>       |  | 10 - 20km upstream       |

## Listed Threatened Ecological Communities

[ Resource Information ]

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.

| Name                                                               | Status                | Type of Presence                |
|--------------------------------------------------------------------|-----------------------|---------------------------------|
| <a href="#">Central Hunter Valley eucalypt forest and woodland</a> | Critically Endangered | Community may occur within area |
| <a href="#">Lowland Rainforest of Subtropical Australia</a>        | Critically Endangered | Community may occur within area |

## Listed Threatened Species

[ Resource Information ]

| Name                                                                                  | Status                | Type of Presence                                                   |
|---------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------|
| Birds                                                                                 |                       |                                                                    |
| <a href="#">Anthochaera phrygia</a><br>Regent Honeyeater [82338]                      | Critically Endangered | Foraging, feeding or related behaviour likely to occur within area |
| <a href="#">Botaurus poiciloptilus</a><br>Australasian Bittern [1001]                 | Endangered            | Species or species habitat known to occur within area              |
| <a href="#">Calidris ferruginea</a><br>Curlew Sandpiper [856]                         | Critically Endangered | Species or species habitat may occur within area                   |
| <a href="#">Dasyornis brachypterus</a><br>Eastern Bristlebird [533]                   | Endangered            | Species or species habitat may occur within area                   |
| <a href="#">Erythrotriorchis radiatus</a><br>Red Goshawk [942]                        | Vulnerable            | Species or species habitat likely to occur within area             |
| <a href="#">Grantiella picta</a><br>Painted Honeyeater [470]                          | Vulnerable            | Species or species habitat may occur within area                   |
| <a href="#">Lathamus discolor</a><br>Swift Parrot [744]                               | Critically Endangered | Species or species habitat likely to occur within area             |
| <a href="#">Numenius madagascariensis</a><br>Eastern Curlew, Far Eastern Curlew [847] | Critically Endangered | Species or species habitat may occur within area                   |
| <a href="#">Rostratula australis</a><br>Australian Painted Snipe [77037]              | Endangered            | Species or species habitat may occur within area                   |
| Frogs                                                                                 |                       |                                                                    |

| Name                                                                                                                                                                                              | Status     | Type of Presence                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------|
| <a href="#">Litoria aurea</a><br>Green and Golden Bell Frog [1870]                                                                                                                                | Vulnerable | Species or species habitat may occur within area                  |
| <a href="#">Mixophyes balbus</a><br>Stuttering Frog, Southern Barred Frog (in Victoria) [1942]                                                                                                    | Vulnerable | Species or species habitat likely to occur within area            |
| Mammals                                                                                                                                                                                           |            |                                                                   |
| <a href="#">Chalinolobus dwyeri</a><br>Large-eared Pied Bat, Large Pied Bat [183]                                                                                                                 | Vulnerable | Species or species habitat likely to occur within area            |
| <a href="#">Dasyurus maculatus maculatus (SE mainland population)</a><br>Spot-tailed Quoll, Spotted-tail Quoll, Tiger Quoll (southeastern mainland population) [75184]                            | Endangered | Species or species habitat known to occur within area             |
| <a href="#">Petauroides volans</a><br>Greater Glider [254]                                                                                                                                        | Vulnerable | Species or species habitat may occur within area                  |
| <a href="#">Phascolarctos cinereus (combined populations of Qld, NSW and the ACT)</a><br>Koala (combined populations of Queensland, New South Wales and the Australian Capital Territory) [85104] | Vulnerable | Species or species habitat known to occur within area             |
| <a href="#">Potorous tridactylus tridactylus</a><br>Long-nosed Potoroo (SE mainland) [66645]                                                                                                      | Vulnerable | Species or species habitat may occur within area                  |
| <a href="#">Pseudomys novaehollandiae</a><br>New Holland Mouse, Pookila [96]                                                                                                                      | Vulnerable | Species or species habitat known to occur within area             |
| <a href="#">Pteropus poliocephalus</a><br>Grey-headed Flying-fox [186]                                                                                                                            | Vulnerable | Foraging, feeding or related behaviour known to occur within area |
| Plants                                                                                                                                                                                            |            |                                                                   |
| <a href="#">Angophora inopina</a><br>Charmhaven Apple [64832]                                                                                                                                     | Vulnerable | Species or species habitat likely to occur within area            |
| <a href="#">Asperula asthenes</a><br>Trailing Woodruff [14004]                                                                                                                                    | Vulnerable | Species or species habitat likely to occur within area            |
| <a href="#">Cryptostylis hunteriana</a><br>Leafless Tongue-orchid [19533]                                                                                                                         | Vulnerable | Species or species habitat likely to occur within area            |
| <a href="#">Grevillea parviflora subsp. parviflora</a><br>Small-flower Grevillea [64910]                                                                                                          | Vulnerable | Species or species habitat likely to occur within area            |
| <a href="#">Melaleuca biconvexa</a><br>Biconvex Paperbark [5583]                                                                                                                                  | Vulnerable | Species or species habitat may occur within area                  |
| <a href="#">Phaius australis</a><br>Lesser Swamp-orchid [5872]                                                                                                                                    | Endangered | Species or species habitat may occur within area                  |
| <a href="#">Tetratheca juncea</a><br>Black-eyed Susan [21407]                                                                                                                                     | Vulnerable | Species or species habitat likely to occur within area            |
| Reptiles                                                                                                                                                                                          |            |                                                                   |
| <a href="#">Hoplocephalus bungaroides</a><br>Broad-headed Snake [1182]                                                                                                                            | Vulnerable | Species or species habitat likely to occur within area            |

Listed Migratory Species

[ Resource Information ]

\* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.

| Name                           | Threatened | Type of Presence                                       |
|--------------------------------|------------|--------------------------------------------------------|
| Migratory Marine Birds         |            |                                                        |
| <a href="#">Apus pacificus</a> |            |                                                        |
| Fork-tailed Swift [678]        |            | Species or species habitat likely to occur within area |

Migratory Terrestrial Species

|                                             |  |                                                        |
|---------------------------------------------|--|--------------------------------------------------------|
| <a href="#">Cuculus optatus</a>             |  |                                                        |
| Oriental Cuckoo, Horsfield's Cuckoo [86651] |  | Species or species habitat may occur within area       |
| <a href="#">Hirundapus caudacutus</a>       |  |                                                        |
| White-throated Needletail [682]             |  | Species or species habitat known to occur within area  |
| <a href="#">Monarcha melanopsis</a>         |  |                                                        |
| Black-faced Monarch [609]                   |  | Species or species habitat known to occur within area  |
| <a href="#">Monarcha trivirgatus</a>        |  |                                                        |
| Spectacled Monarch [610]                    |  | Species or species habitat may occur within area       |
| <a href="#">Motacilla flava</a>             |  |                                                        |
| Yellow Wagtail [644]                        |  | Species or species habitat may occur within area       |
| <a href="#">Myiagra cyanoleuca</a>          |  |                                                        |
| Satin Flycatcher [612]                      |  | Species or species habitat known to occur within area  |
| <a href="#">Rhipidura rufifrons</a>         |  |                                                        |
| Rufous Fantail [592]                        |  | Species or species habitat likely to occur within area |

Migratory Wetlands Species

|                                           |                       |                                                  |
|-------------------------------------------|-----------------------|--------------------------------------------------|
| <a href="#">Calidris ferruginea</a>       |                       |                                                  |
| Curlew Sandpiper [856]                    | Critically Endangered | Species or species habitat may occur within area |
| <a href="#">Gallinago hardwickii</a>      |                       |                                                  |
| Latham's Snipe, Japanese Snipe [863]      |                       | Species or species habitat may occur within area |
| <a href="#">Numenius madagascariensis</a> |                       |                                                  |
| Eastern Curlew, Far Eastern Curlew [847]  | Critically Endangered | Species or species habitat may occur within area |
| <a href="#">Pandion haliaetus</a>         |                       |                                                  |
| Osprey [952]                              |                       | 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                            |            |                                                        |
| <a href="#">Apus pacificus</a>   |            |                                                        |
| Fork-tailed Swift [678]          |            | Species or species habitat likely to occur within area |
| <a href="#">Ardea alba</a>       |            |                                                        |
| Great Egret, White Egret [59541] |            | Species or species habitat likely to occur             |



| Name                                                                                  | Threatened            | Type of Presence                                       |
|---------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------|
| <a href="#">Ardea ibis</a><br>Cattle Egret [59542]                                    | Critically Endangered | within area                                            |
| <a href="#">Calidris ferruginea</a><br>Curlew Sandpiper [856]                         |                       | Species or species habitat may occur within area       |
| <a href="#">Cuculus saturatus</a><br>Oriental Cuckoo, Himalayan Cuckoo [710]          |                       | Species or species habitat may occur within area       |
| <a href="#">Gallinago hardwickii</a><br>Latham's Snipe, Japanese Snipe [863]          |                       | Species or species habitat may occur within area       |
| <a href="#">Haliaeetus leucogaster</a><br>White-bellied Sea-Eagle [943]               | Critically Endangered | Species or species habitat known to occur within area  |
| <a href="#">Hirundapus caudacutus</a><br>White-throated Needletail [682]              |                       | Species or species habitat known to occur within area  |
| <a href="#">Lathamus discolor</a><br>Swift Parrot [744]                               |                       | Species or species habitat likely to occur within area |
| <a href="#">Merops ornatus</a><br>Rainbow Bee-eater [670]                             |                       | Species or species habitat may occur within area       |
| <a href="#">Monarcha melanopsis</a><br>Black-faced Monarch [609]                      | Critically Endangered | Species or species habitat known to occur within area  |
| <a href="#">Monarcha trivirgatus</a><br>Spectacled Monarch [610]                      |                       | Species or species habitat may occur within area       |
| <a href="#">Motacilla flava</a><br>Yellow Wagtail [644]                               |                       | Species or species habitat may occur within area       |
| <a href="#">Myiagra cyanoleuca</a><br>Satin Flycatcher [612]                          |                       | Species or species habitat known to occur within area  |
| <a href="#">Numenius madagascariensis</a><br>Eastern Curlew, Far Eastern Curlew [847] | Critically Endangered | Species or species habitat may occur within area       |
| <a href="#">Pandion haliaetus</a><br>Osprey [952]                                     |                       | Species or species habitat may occur within area       |
| <a href="#">Rhipidura rufifrons</a><br>Rufous Fantail [592]                           |                       | Species or species habitat likely to occur within area |
| <a href="#">Rostratula benghalensis (sensu lato)</a><br>Painted Snipe [889]           |                       | Species or species habitat may occur within area       |

Extra Information

|                            |                                          |
|----------------------------|------------------------------------------|
| Regional Forest Agreements | [ <a href="#">Resource Information</a> ] |
|----------------------------|------------------------------------------|

Note that all areas with completed RFAs have been included.

|                                    |                 |
|------------------------------------|-----------------|
| Name                               | State           |
| <a href="#">North East NSW RFA</a> | New South Wales |

|                  |                                          |
|------------------|------------------------------------------|
| Invasive Species | [ <a href="#">Resource Information</a> ] |
|------------------|------------------------------------------|

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.

| Name                                                           | Status | Type of Presence                                       |
|----------------------------------------------------------------|--------|--------------------------------------------------------|
| Birds                                                          |        |                                                        |
| Acridotheres tristis<br>Common Myna, Indian Myna [387]         |        | Species or species habitat likely to occur within area |
| Alauda arvensis<br>Skylark [656]                               |        | Species or species habitat likely to occur within area |
| Anas platyrhynchos<br>Mallard [974]                            |        | Species or species habitat likely to occur within area |
| Carduelis carduelis<br>European Goldfinch [403]                |        | Species or species habitat likely to occur within area |
| Columba livia<br>Rock Pigeon, Rock Dove, Domestic Pigeon [803] |        | Species or species habitat likely to occur within area |
| Lonchura punctulata<br>Nutmeg Mannikin [399]                   |        | Species or species habitat likely to occur within area |
| Passer domesticus<br>House Sparrow [405]                       |        | Species or species habitat likely to occur within area |
| Passer montanus<br>Eurasian Tree Sparrow [406]                 |        | Species or species habitat likely to occur within area |
| Pycnonotus jocosus<br>Red-whiskered Bulbul [631]               |        | Species or species habitat likely to occur within area |
| Streptopelia chinensis<br>Spotted Turtle-Dove [780]            |        | Species or species habitat likely to occur within area |
| Sturnus vulgaris<br>Common Starling [389]                      |        | Species or species habitat likely to occur within area |
| Turdus merula<br>Common Blackbird, Eurasian Blackbird [596]    |        | Species or species habitat likely to occur within area |
| Frogs                                                          |        |                                                        |
| Rhinella marina<br>Cane Toad [83218]                           |        | Species or species habitat likely to occur within area |
| Mammals                                                        |        |                                                        |

| Name                                                                                                                                              | Status | Type of Presence                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------------------------------------------|
| Bos taurus<br>Domestic Cattle [16]                                                                                                                |        | Species or species habitat likely to occur within area |
| Canis lupus familiaris<br>Domestic Dog [82654]                                                                                                    |        | Species or species habitat likely to occur within area |
| Felis catus<br>Cat, House Cat, Domestic Cat [19]                                                                                                  |        | Species or species habitat likely to occur within area |
| Feral deer<br>Feral deer species in Australia [85733]                                                                                             |        | Species or species habitat likely to occur within area |
| Lepus capensis<br>Brown Hare [127]                                                                                                                |        | Species or species habitat likely to occur within area |
| Mus musculus<br>House Mouse [120]                                                                                                                 |        | Species or species habitat likely to occur within area |
| Oryctolagus cuniculus<br>Rabbit, European Rabbit [128]                                                                                            |        | Species or species habitat likely to occur within area |
| Rattus norvegicus<br>Brown Rat, Norway Rat [83]                                                                                                   |        | Species or species habitat likely to occur within area |
| Rattus rattus<br>Black Rat, Ship Rat [84]                                                                                                         |        | Species or species habitat likely to occur within area |
| Vulpes vulpes<br>Red Fox, Fox [18]                                                                                                                |        | Species or species habitat likely to occur within area |
| Plants                                                                                                                                            |        |                                                        |
| Alternanthera philoxeroides<br>Alligator Weed [11620]                                                                                             |        | Species or species habitat likely to occur within area |
| Anredera cordifolia<br>Madeira Vine, Jalap, Lamb's-tail, Mignonette Vine, Anredera, Gulf Madeiravine, Heartleaf Madeiravine, Potato Vine [2643]   |        | Species or species habitat likely to occur within area |
| Asparagus asparagoides<br>Bridal Creeper, Bridal Veil Creeper, Smilax, Florist's Smilax, Smilax Asparagus [22473]                                 |        | Species or species habitat likely to occur within area |
| Cabomba caroliniana<br>Cabomba, Fanwort, Carolina Watershield, Fish Grass, Washington Grass, Watershield, Carolina Fanwort, Common Cabomba [5171] |        | Species or species habitat likely to occur within area |
| Chrysanthemoides monilifera<br>Bitou Bush, Boneseed [18983]                                                                                       |        | Species or species habitat likely to occur within area |
| Chrysanthemoides monilifera subsp. rotundata<br>Bitou Bush [16332]                                                                                |        | Species or species habitat likely to occur within area |
| Cytisus scoparius<br>Broom, English Broom, Scotch Broom, Common Broom, Scottish Broom, Spanish Broom [5934]                                       |        | Species or species habitat likely to occur within area |
| Eichhornia crassipes<br>Water Hyacinth, Water Orchid, Nile Lily [13466]                                                                           |        | Species or species habitat likely to occur within area |



| Name                                                                                                                                                                                                                                                                | Status | Type of Presence                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------------------------------------------|
| Genista sp. X Genista monspessulana<br>Broom [67538]                                                                                                                                                                                                                |        | Species or species habitat<br>may occur within area       |
| Lantana camara<br>Lantana, Common Lantana, Kamara Lantana, Large-<br>leaf Lantana, Pink Flowered Lantana, Red Flowered<br>Lantana, Red-Flowered Sage, White Sage, Wild Sage<br>[10892]<br>Opuntia spp.<br>Prickly Pears [82753]                                     |        | Species or species habitat<br>likely to occur within area |
| Pinus radiata<br>Radiata Pine Monterey Pine, Insignis Pine, Wilding<br>Pine [20780]                                                                                                                                                                                 |        | Species or species habitat<br>may occur within area       |
| Rubus fruticosus aggregate<br>Blackberry, European Blackberry [68406]                                                                                                                                                                                               |        | Species or species habitat<br>likely to occur within area |
| Sagittaria platyphylla<br>Delta Arrowhead, Arrowhead, Slender Arrowhead<br>[68483]                                                                                                                                                                                  |        | Species or species habitat<br>likely to occur within area |
| Salix spp. except S.babylonica, S.x calodendron & S.x reichardtii<br>Willows except Weeping Willow, Pussy Willow and<br>Sterile Pussy Willow [68497]                                                                                                                |        | Species or species habitat<br>likely to occur within area |
| Salvinia molesta<br>Salvinia, Giant Salvinia, Aquarium Watermoss, Kariba<br>Weed [13665]                                                                                                                                                                            |        | Species or species habitat<br>likely to occur within area |
| Senecio madagascariensis<br>Fireweed, Madagascar Ragwort, Madagascar<br>Groundsel [2624]                                                                                                                                                                            |        | Species or species habitat<br>likely to occur within area |
| Solanum elaeagnifolium<br>Silver Nightshade, Silver-leaved Nightshade, White<br>Horse Nettle, Silver-leaf Nightshade, Tomato Weed,<br>White Nightshade, Bull-nettle, Prairie-berry,<br>Satansbos, Silver-leaf Bitter-apple, Silverleaf-nettle,<br>Trompillo [12323] |        | Species or species habitat<br>likely to occur within area |

# 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 and National Heritage properties, Wetlands of International and National 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.

# Coordinates

-32.682492 151.785644,-32.684696 151.797618,-32.691161 151.795686,-32.689427 151.78397,-32.682456 151.785644,-32.682456 151.785644,-32.682492 151.785644

# 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:

- [-Office of Environment and Heritage, New South Wales](#)
- [-Department of Environment and Primary Industries, Victoria](#)
- [-Department of Primary Industries, Parks, Water and Environment, Tasmania](#)
- [-Department of Environment, Water and Natural Resources, South Australia](#)
- [-Parks and Wildlife Commission NT, Northern Territory Government](#)
- [-Department of Environmental and Heritage Protection, Queensland](#)
- [-Department of Parks and Wildlife, Western Australia](#)
- [-Environment and Planning Directorate, ACT](#)
- [-Birdlife Australia](#)
- [-Australian Bird and Bat Banding Scheme](#)
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- Natural history museums of Australia
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- [-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](#)
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- [-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.