

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.

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Summary

<u>Details</u>

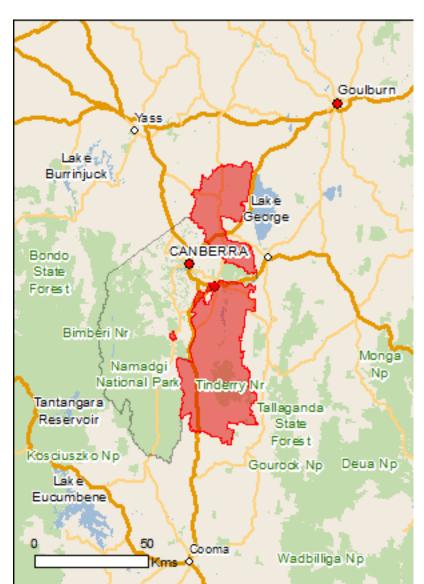
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Other Matters Protected by the EPBC Act

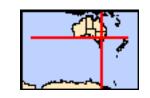
Extra Information

Caveat

<u>Acknowledgements</u>



This map may contain data which are ©Commonwealth of Australia (Geoscience Australia), ©PSMA 2015



Summary

Matters of National Environment 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://environment.gov.au/protection/environment-assessments

| World Heritage Properties: | None |
|---|------|
| National Heritage Places: | 1 |
| Wetlands of International Significance: | 4 |
| Great Barrier Reef Marine Park: | None |
| Commonwealth Marine Area: | None |
| Threatened Ecological Communities: | 3 |
| Threatened Species: | 50 |
| Migratory Species: | 14 |

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. Information on EPBC Act permit requirements and application forms can be found at http://www.environment.gov.au/epbc/permits-and-application-forms

| Commonwealth Lands: | 10 |
|------------------------------------|------|
| Commonwealth Heritage Places: | 1 |
| Listed Marine Species: | 20 |
| Whales and Other Cetaceans: | None |
| Critical Habitats: | None |
| Commonwealth Reserves Terrestrial: | None |
| Australian Marine Parks: | 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: | 16 |
|--------------------------------|------|
| Regional Forest Agreements: | 1 |
| Invasive Species: | 36 |
| Nationally Important Wetlands: | None |

Details

| Matters of National Environmental Significa | nce | |
|---|--------------------------|--|
| National Heritage Properties | | [Resource Information] |
| Name | State | Status |
| Natural | | |
| Australian Alps National Parks and Reserves | ACT | Listed place |
| Wetlands of International Importance (Ramsar) | | [Resource Information] |
| Name | | Proximity |
| Banrock station wetland complex | | 800 - 900km upstream |
| Hattah-kulkyne lakes | | 600 - 700km upstream |
| <u>Riverland</u> | | 700 - 800km upstream |
| The coorong, and lakes alexandrina and albert wetland | <u>d</u> | 800 - 900km upstream |
| Threatened Ecological Communities | | [Resource Information] |
| For threatened ecological communities where the distributions, State vegetation maps, remote sensing imagery community distributions are less well known, existing vegetation produce indicative distribution maps. | and other sources. Where | e threatened ecological |
| Name | Status | Type of Presence |
| Alpine Sphagnum Bogs and Associated Fens | Endangered | Community likely to occur within area |
| Natural Temperate Grassland of the South Eastern Highlands | Critically Endangered | Community likely to occur within area |
| White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland | Critically Endangered | Community likely to occur within area |
| Threatened Species | | [Resource Information] |
| Name | Status | Type of Presence |
| BIRDS | | |
| Anthochaera phrygia | | |
| Regent Honeyeater [82338] | Critically Endangered | Species or species habitat known to occur within area |
| Botaurus poiciloptilus | | |
| Australasian Bittern [1001] | Endangered | Species or species habitat known to occur within area |
| <u>Calidris ferruginea</u> | | |
| Curlew Sandpiper [856] | Critically Endangered | Species or species habitat may occur within area |
| Falco hypoleucos | | |
| Grey Falcon [929] | Vulnerable | Species or species habitat likely to occur within area |
| Grantiella picta Painted Honeyeater [470] | Vulnerable | Species or species habitat known to occur within area |

Hirundapus caudacutus

Vulnerable Species or species habitat White-throated Needletail [682] known to occur within area

Lathamus discolor

Species or species habitat known to occur within area Swift Parrot [744] Critically Endangered

Limosa lapponica baueri

Nunivak Bar-tailed Godwit, Western Alaskan Bar-tailed Vulnerable Species or species habitat Godwit [86380] may occur within area

| Name | Status | Type of Presence |
|---|-----------------------------|--|
| Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847] | Critically Endangered | Species or species habitat may occur within area |
| Polytelis swainsonii Superb Parrot [738] | Vulnerable | Species or species habitat known to occur within area |
| Rostratula australis Australian Painted Snipe [77037] | Endangered | Species or species habitat likely to occur within area |
| FISH | | |
| Bidyanus bidyanus Silver Perch, Bidyan [76155] | Critically Endangered | Translocated population known to occur within area |
| Maccullochella macquariensis Trout Cod [26171] | Endangered | Species or species habitat known to occur within area |
| Maccullochella peelii Murray Cod [66633] | Vulnerable | Species or species habitat likely to occur within area |
| Macquaria australasica Macquarie Perch [66632] | Endangered | Species or species habitat known to occur within area |
| FROGS | | |
| Heleioporus australiacus Giant Burrowing Frog [1973] | Vulnerable | Species or species habitat known to occur within area |
| Litoria aurea Green and Golden Bell Frog [1870] | Vulnerable | Species or species habitat known to occur within area |
| <u>Litoria booroolongensis</u> Booroolong Frog [1844] | Endangered | Species or species habitat may occur within area |
| Litoria castanea Yellow-spotted Tree Frog, Yellow-spotted Bell Frog [1848] | Critically Endangered | Species or species habitat likely to occur within area |
| Litoria raniformis Growling Grass Frog, Southern Bell Frog, Green and Golden Frog, Warty Swamp Frog, Golden Bell Frog [1828] | Vulnerable | Species or species habitat may occur within area |
| INSECTS | | |
| Synemon plana Golden Sun Moth [25234] | Critically Endangered | Species or species habitat known to occur within area |
| MAMMALS | | |
| Chalinolobus dwyeri Large-eared Pied Bat, Large Pied Bat [183] | Vulnerable | Species or species habitat likely to occur within area |
| Dasyurus maculatus maculatus (SE mainland population) Spot-tailed Quoll, Spotted-tail Quoll, Tiger Quoll (southeastern mainland population) [75184] | <u>on)</u> Endangered | Species or species habitat known to occur within area |
| Petauroides volans Greater Glider [254] | Vulnerable | Species or species habitat may occur within area |
| Petrogale penicillata Brush-tailed Rock-wallaby [225] | Vulnerable | Species or species habitat likely to occur within area |
| Phascolarctos cinereus (combined populations of Qld, Koala (combined populations of Queensland, New | NSW and the ACT) Vulnerable | Species or species |

| Name | Status | Type of Presence |
|---|-----------------------|--|
| South Wales and the Australian Capital Territory) [85104] | Giaius | Type of Presence habitat known to occur within area |
| Potorous tridactylus tridactylus | | |
| Long-nosed Potoroo (SE Mainland) [66645] | Vulnerable | Species or species habitat may occur within area |
| Pseudomys fumeus | | |
| Smoky Mouse, Konoom [88] | Endangered | Species or species habitat may occur within area |
| Pseudomys novaehollandiae | | |
| New Holland Mouse, Pookila [96] | Vulnerable | Translocated population known to occur within area |
| Pteropus poliocephalus | | |
| Grey-headed Flying-fox [186] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |
| PLANTS | | Within aroa |
| Ammobium craspedioides | | |
| Yass Daisy [20758] | Vulnerable | Species or species habitat likely to occur within area |
| Amphibromus fluitans | | |
| River Swamp Wallaby-grass, Floating Swamp Wallaby-grass [19215] | Vulnerable | Species or species habitat may occur within area |
| Caladenia actensis | | |
| Canberra Spider Orchid [76138] | Critically Endangered | Species or species habitat known to occur within area |
| Calotis glandulosa | | |
| Mauve Burr-daisy [7842] | Vulnerable | Species or species habitat likely to occur within area |
| Dodonaea procumbens | | |
| Trailing Hop-bush [12149] | Vulnerable | Species or species habitat known to occur within area |
| Eucalyptus aggregata | | |
| Black Gum [20890] | Vulnerable | Species or species habitat likely to occur within area |
| Eucalyptus pulverulenta | | |
| Silver-leaved Mountain Gum, Silver-leaved Gum [21537] | Vulnerable | Species or species habitat likely to occur within area |
| Lepidium hyssopifolium | | |
| Basalt Pepper-cress, Peppercress, Rubble Pepper-cress, Pepperweed [16542] | Endangered | Species or species habitat likely to occur within area |
| Leucochrysum albicans subsp. tricolor | | |
| Hoary Sunray, Grassland Paper-daisy [89104] | Endangered | Species or species habitat known to occur within area |
| Pomaderris pallida | | |
| Pale Pomaderris [13684] | Vulnerable | Species or species habitat known to occur within area |
| Prasophyllum petilum | | |
| Tarengo Leek Orchid [55144] | Endangered | Species or species habitat may occur within area |
| Pterostylis oreophila | | |
| Blue-tongued Orchid, Kiandra Greenhood [22903] | Critically Endangered | Species or species habitat may occur within area |
| Rutidosis leptorhynchoides | | |
| Button Wrinklewort [67251] | Endangered | Species or species habitat known to occur within area |
| Senecio macrocarpus | | |
| Large-fruit Fireweed, Large-fruit Groundsel [16333] | Vulnerable | Species or species habitat known to occur |

| Name | Status | Type of Presence |
|--|---------------------------|--|
| | | within area |
| Swainsona recta Small Purple-pea, Mountain Swainson-pea, Small Purple Pea [7580] | Endangered | Species or species habitat known to occur within area |
| Thesium australe Austral Toadflax, Toadflax [15202] | Vulnerable | Species or species habitat known to occur within area |
| Xerochrysum palustre Swamp Everlasting, Swamp Paper Daisy [76215] | Vulnerable | Species or species habitat likely to occur within area |
| REPTILES | | |
| Aprasia parapulchella Pink-tailed Worm-lizard, Pink-tailed Legless Lizard [1665] | Vulnerable | Species or species habitat known to occur within area |
| <u>Delma impar</u> Striped Legless Lizard, Striped Snake-lizard [1649] | Vulnerable | Species or species habitat likely to occur within area |
| Tympanocryptis pinguicolla Grassland Earless Dragon [66727] | Endangered | Species or species habitat known to occur within area |
| Migratory Species | | [Resource Information] |
| * Species is listed under a different scientific name on | the EPBC Act - Threatened | |
| Name | Threatened | Type of Presence |
| Migratory Marine Birds | | |
| Apus pacificus Fork-tailed Swift [678] | | Species or species habitat likely to occur within area |
| Migratory Terrestrial Species | | |
| Hirundapus caudacutus White-throated Needletail [682] | Vulnerable | Species or species habitat known to occur within area |
| Monarcha melanopsis Black-faced Monarch [609] | | Species or species habitat known to occur within area |
| Motacilla flava Yellow Wagtail [644] | | Species or species habitat may occur within area |
| Myiagra cyanoleuca Satin Flycatcher [612] | | Breeding known to occur within area |
| Rhipidura rufifrons Rufous Fantail [592] | | Species or species habitat known to occur within area |
| Migratory Wetlands Species | | |
| Actitis hypoleucos Common Sandpiper [59309] | | Species or species habitat may occur within area |
| Calidris acuminata Sharp-tailed Sandpiper [874] | | Species or species habitat may occur within area |
| Calidris ferruginea Curlew Sandpiper [856] | Critically Endangered | Species or species habitat may occur within area |
| Calidris melanotos Pectoral Sandpiper [858] | | Species or species habitat may occur within area |

| Name | Threatened | Type of Presence |
|--|-----------------------|---|
| Gallinago hardwickii | | |
| Latham's Snipe, Japanese Snipe [863] | | Species or species habitat known to occur within area |
| Limosa lapponica | | |
| Bar-tailed Godwit [844] | | Species or species habitat known to occur within area |
| Numenius madagascariensis | | |
| Eastern Curlew, Far Eastern Curlew [847] | Critically Endangered | Species or species habitat may occur within area |
| Pandion haliaetus | | |
| Osprey [952] | | Species or species habitat may occur within area |

Other Matters Protected by the EPBC Act

Commonwealth Lands [Resource Information]

The Commonwealth area listed below may indicate the presence of Commonwealth land in this vicinity. Due to the unreliability of the data source, all proposals should be checked as to whether it impacts on a Commonwealth area, before making a definitive decision. Contact the State or Territory government land department for further information.

Name

Commonwealth Land -

Commonwealth Land - Airservices Australia

Commonwealth Land - Australian Postal Corporation

Commonwealth Land - Australian Telecommunications Commission

Commonwealth Land - Australian Telecommunications Corporation

Commonwealth Land - Defence Housing Authority

Commonwealth Land - Telstra Corporation Limited

Defence - DEFENCE ARCHIVES - QUEANBEYAN

Defence - HMAS HARMAN - SYMONSTOWN

Defence - MAJURA FIELD FIRING RANGE

| Commonwealth Heritage Places | | [Resource Information] |
|---|-------|--------------------------|
| Name | State | Status |
| Historic | | |
| Googong Foreshores Cultural and Geodiversity Heritage Areas | NSW | Listed place |

| Name | State | Status |
|---|-------|--------------|
| Historic | | |
| Googong Foreshores Cultural and Geodiversity Heritage Areas | NSW | Listed place |
| | | |

| Listed Marine Species | | [Resource Information] |
|--|--------------------------|----------------------------|
| * Species is listed under a different scientific name on t | he EPBC Act - Threatened | Species list. |
| Name | Threatened | Type of Presence |
| Birds | | |
| Actitis hypoleucos | | |
| Common Sandpiper [59309] | | Species or species habitat |

Species or species nabitat Johnnon Sandpiper [59309] may occur within area

Apus pacificus

Fork-tailed Swift [678] Species or species habitat likely to occur within area

Ardea ibis

Cattle Egret [59542] Species or species habitat may occur within area

Calidris acuminata

Sharp-tailed Sandpiper [874] Species or species habitat

may occur within area

Calidris ferruginea

Curlew Sandpiper [856] Critically Endangered Species or species habitat

may occur within area

Calidris melanotos

Pectoral Sandpiper [858] Species or species habitat

may occur within area

| Name | Threatened | Type of Presence |
|--|-----------------------|--|
| Chrysococcyx osculans Black-eared Cuckoo [705] | | Species or species habitat likely to occur within area |
| Gallinago hardwickii Latham's Snipe, Japanese Snipe [863] | | Species or species habitat known to occur within area |
| Haliaeetus leucogaster White-bellied Sea-Eagle [943] | | Breeding known to occur within area |
| Hirundapus caudacutus White-throated Needletail [682] | Vulnerable | Species or species habitat known to occur within area |
| Lathamus discolor Swift Parrot [744] | Critically Endangered | Species or species habitat known to occur within area |
| Limosa lapponica Bar-tailed Godwit [844] | | Species or species habitat known to occur within area |
| Merops ornatus Rainbow Bee-eater [670] | | Species or species habitat may occur within area |
| Monarcha melanopsis Black-faced Monarch [609] | | Species or species habitat known to occur within area |
| Motacilla flava Yellow Wagtail [644] | | Species or species habitat may occur within area |
| Myiagra cyanoleuca Satin Flycatcher [612] | | Breeding known to occur within area |
| Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847] | Critically Endangered | Species or species habitat may occur within area |
| Pandion haliaetus Osprey [952] | | Species or species habitat may occur within area |
| Rhipidura rufifrons Rufous Fantail [592] | | Species or species habitat known to occur within area |
| Rostratula benghalensis (sensu lato) Painted Snipe [889] | Endangered* | Species or species habitat likely to occur within area |

Extra Information

| State and Territory Reserves | [Resource Information] |
|------------------------------|--------------------------|
| Name | State |
| Burnt School | NSW |
| Burra Creek | NSW |
| Cuumbeun | NSW |
| Gigerline | ACT |
| Goorooyarroo | ACT |
| Goorooyarroo | NSW |

| Name | State |
|--------------------|-------|
| Mcleods Creek | NSW |
| Mulligans Flat | ACT |
| Namadgi | ACT |
| Queanbeyan | NSW |
| Stony Creek | NSW |
| Strike-a-Light | NSW |
| Tinderry | NSW |
| Wanna Wanna | NSW |
| West Jerrabomberra | ACT |
| Yanununbeyan | NSW |

Regional Forest Agreements

[Resource Information]

Note that all areas with completed RFAs have been included.

Name

Southern RFA New South Wales

Invasive Species

Domestic Cattle [16]

Canis lupus familiaris

Domestic Dog [82654]

[Resource Information]

Species or species habitat likely to occur within area

Species or species habitat likely to occur within area

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,

| Landscape Health Project, National Land and Water Resouces Audit, | | | | |
|---|--------|--|--|--|
| Name | Status | Type of Presence | | |
| Birds | | | | |
| Acridotheres tristis | | | | |
| Common Myna, Indian Myna [387] | | Species or species habitat likely to occur within area | | |
| Alauda arvensis | | | | |
| Skylark [656] | | Species or species habitat likely to occur within area | | |
| Anas platyrhynchos | | | | |
| Mallard [974] | | Species or species habitat likely to occur within area | | |
| Carduelis carduelis | | | | |
| European Goldfinch [403] | | Species or species habitat likely to occur within area | | |
| Carduelis chloris | | | | |
| European Greenfinch [404] | | Species or species habitat likely to occur within area | | |
| Columba livia | | | | |
| 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 | | |
| Streptopelia chinensis | | | | |
| Spotted Turtle-Dove [780] | | Species or species habitat likely to occur within area | | |
| Sturnus vulgaris | | | | |
| Common Starling [389] | | Species or species habitat likely to occur within area | | |
| Turdus merula | | | | |
| Common Blackbird, Eurasian Blackbird [596] | | Species or species habitat likely to occur within area | | |
| Mammals | | | | |
| Bos taurus | | | | |

| Name | Status | Type of Presence |
|---|--------|--|
| Capra hircus Goat [2] | | Species or species habitat likely to occur within area |
| Felis catus Cat, House Cat, Domestic Cat [19] | | Species or species habitat likely to occur within area |
| Feral deer Feral deer species in Australia [85733] | | Species or species habitat likely to occur within area |
| Lepus capensis Brown Hare [127] | | Species or species habitat likely to occur within area |
| Mus musculus House Mouse [120] | | Species or species habitat likely to occur within area |
| Oryctolagus cuniculus Rabbit, European Rabbit [128] | | Species or species habitat likely to occur within area |
| Rattus norvegicus Brown Rat, Norway Rat [83] | | Species or species habitat likely to occur within area |
| Rattus rattus Black Rat, Ship Rat [84] | | Species or species habitat likely to occur within area |
| Sus scrofa Pig [6] | | Species or species habitat likely to occur within area |
| Vulpes vulpes Red Fox, Fox [18] | | Species or species habitat likely to occur within area |
| Plants | | |
| Alternanthera philoxeroides Alligator Weed [11620] | | Species or species habitat likely to occur within area |
| Cytisus scoparius Broom, English Broom, Scotch Broom, Common Broom, Scottish Broom, Spanish Broom [5934] | | Species or species habitat likely to occur within area |
| Genista monspessulana Montpellier Broom, Cape Broom, Canary Broom, Common Broom, French Broom, Soft Broom [20126] | | Species or species habitat likely to occur within area |
| Genista sp. X Genista monspessulana Broom [67538] | | Species or species habitat may occur within area |
| Lycium ferocissimum African Boxthorn, Boxthorn [19235] | | Species or species habitat likely to occur within area |
| Nassella neesiana Chilean Needle grass [67699] | | Species or species habitat likely to occur within area |
| Nassella trichotoma Serrated Tussock, Yass River Tussock, Yass Tussock Nassella Tussock (NZ) [18884] | , | Species or species habitat likely to occur within area |
| Opuntia spp. Prickly Pears [82753] | | Species or species habitat likely to occur within area |

| Name | Status | Type of Presence |
|--|---------------------|--|
| Pinus radiata | Status | Type of Flesence |
| Radiata Pine Monterey Pine, Insignis Pine, Wild Pine [20780] | ding | Species or species habitat may occur within area |
| Rubus fruticosus aggregate | | |
| Blackberry, European Blackberry [68406] | | Species or species habitat likely to occur within area |
| Sagittaria platyphylla | | |
| Delta Arrowhead, Arrowhead, Slender Arrowhe [68483] | ad | Species or species habitat likely to occur within area |
| Salix spp. except S.babylonica, S.x calodendro | n & S.x reichardtii | |
| Willows except Weeping Willow, Pussy Willow a Sterile Pussy Willow [68497] | | Species or species habitat likely to occur within area |
| Senecio madagascariensis | | |
| Fireweed, Madagascar Ragwort, Madagascar Groundsel [2624] | | Species or species habitat likely to occur within area |
| Ulex europaeus | | |
| Gorse, Furze [7693] | | Species or species habitat 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 oigations 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.

Threatened, migratory and marine species distributions have been derived through a variety of methods. Where distributions are well known and if time permits, maps are derived using either thematic spatial data (i.e. vegetation, soils, geology, elevation, aspect, terrain, etc) together with point locations and described habitat; or environmental modelling (MAXENT or BIOCLIM habitat modelling) using point locations and environmental data layers.

Where very little information is available for species or large number of maps are required in a short time-frame, maps are derived either from 0.04 or 0.02 decimal degree cells; by an automated process using polygon capture techniques (static two kilometre grid cells, alpha-hull and convex hull); or captured manually or by using topographic features (national park boundaries, islands, etc). In the early stages of the distribution mapping process (1999-early 2000s) distributions were defined by degree blocks, 100K or 250K map sheets to rapidly create distribution maps. More reliable distribution mapping methods are used to update these distributions as time permits.

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:

- -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
- -Department of Land and Resource Management, Northern Territory
- -Department of Environment and Heritage Protection, Queensland
- -Department of Parks and Wildlife, Western Australia
- -Environment and Planning Directorate, ACT
- -Birdlife Australia
- -Australian Bird and Bat Banding Scheme
- -Australian National Wildlife Collection
- -Natural history museums of Australia
- -Museum Victoria
- -Australian Museum
- -South Australian 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, Canberra
- -University of New England
- -Ocean Biogeographic Information System
- -Australian Government, Department of Defence
- -Forestry Corporation, NSW
- -Australian Tropical Herbarium, Cairns
- -eBird Australia
- -Australian Government Australian Antarctic Data Centre
- -Museum and Art Gallery of the Northern Territory
- -Australian Government National Environmental Science Program
- -Australian Institute of Marine Science
- -Reef Life Survey Australia
- -American Museum of Natural History
- -Queen Victoria Museum and Art Gallery, Inveresk, Tasmania
- -Tasmanian Museum and Art Gallery, Hobart, Tasmania
- -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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