



Australian Government

Department of Climate Change, Energy,
the Environment and Water

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. Please see the caveat for interpretation of information provided here.

Report created: 11-Nov-2024

[Summary](#)

[Details](#)

[Matters of NES](#)

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

[Extra Information](#)

[Caveat](#)

[Acknowledgements](#)

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](#).

| | |
|---|------|
| World Heritage Properties: | None |
| National Heritage Places: | None |
| Wetlands of International Importance (Ramsar) | None |
| Great Barrier Reef Marine Park: | None |
| Commonwealth Marine Area: | None |
| Listed Threatened Ecological Communities: | 3 |
| Listed Threatened Species: | 81 |
| Listed Migratory Species: | 44 |

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 <https://www.dcceew.gov.au/parks-heritage/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.

| | |
|---|------|
| Commonwealth Lands: | None |
| Commonwealth Heritage Places: | None |
| Listed Marine Species: | 78 |
| Whales and Other Cetaceans: | 12 |
| Critical Habitats: | None |
| Commonwealth Reserves Terrestrial: | None |
| Australian Marine Parks: | None |
| Habitat Critical to the Survival of Marine Turtles: | None |

Extra Information

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

| | |
|---|------|
| State and Territory Reserves: | 1 |
| Regional Forest Agreements: | 1 |
| Nationally Important Wetlands: | None |
| EPBC Act Referrals: | 2 |
| Key Ecological Features (Marine): | 1 |
| Biologically Important Areas: | 8 |
| Bioregional Assessments: | None |
| Geological and Bioregional Assessments: | None |

Details

Matters of National Environmental Significance

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.

Status of Vulnerable, Disallowed and Ineligible are not MNES under the EPBC Act.

| Community Name | Threatened Category | Presence Text |
|--|-----------------------|---------------------------------|
| Brogo Vine Forest of the South East Corner Bioregion | Endangered | Community may occur within area |
| Lowland Grassy Woodland in the South East Corner Bioregion | Critically Endangered | Community may occur within area |
| River-flat eucalypt forest on coastal floodplains of southern New South Wales and eastern Victoria | Critically Endangered | Community may occur within area |

Listed Threatened Species

[\[Resource Information \]](#)

Status of Conservation Dependent and Extinct are not MNES under the EPBC Act.

Number is the current name ID.

| Scientific Name | Threatened Category | Presence Text |
|---|-----------------------|--|
| BIRD | | |
| Anthochaera phrygia Regent Honeyeater [82338] | Critically Endangered | Foraging, feeding or related behaviour likely to occur within area |
| Ardenna grisea Sooty Shearwater [82651] | Vulnerable | Species or species habitat likely to occur within area |
| Botaurus poiciloptilus Australasian Bittern [1001] | Endangered | Species or species habitat likely to occur within area |
| Calidris acuminata Sharp-tailed Sandpiper [874] | Vulnerable | Species or species habitat may occur within area |

| Scientific Name | Threatened Category | Presence Text |
|--|-----------------------|--|
| Calidris canutus Red Knot, Knot [855] | Vulnerable | Species or species habitat may occur within area |
| Calidris ferruginea Curlew Sandpiper [856] | Critically Endangered | Species or species habitat may occur within area |
| Callocephalon fimbriatum Gang-gang Cockatoo [768] | Endangered | Species or species habitat likely to occur within area |
| Calyptorhynchus lathami lathami South-eastern Glossy Black-Cockatoo [67036] | Vulnerable | Species or species habitat likely to occur within area |
| Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877] | Vulnerable | Species or species habitat may occur within area |
| Climacteris picumnus victoriae Brown Treecreeper (south-eastern) [67062] | Vulnerable | Species or species habitat may occur within area |
| Dasyornis brachypterus Eastern Bristlebird [533] | Endangered | Species or species habitat likely to occur within area |
| Diomedea antipodensis Antipodean Albatross [64458] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |
| Diomedea antipodensis gibsoni Gibson's Albatross [82270] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |
| Diomedea epomophora Southern Royal Albatross [89221] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |

| Scientific Name | Threatened Category | Presence Text |
|--|-----------------------|--|
| Diomedea exulans Wandering Albatross [89223] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |
| Diomedea sanfordi Northern Royal Albatross [64456] | Endangered | Foraging, feeding or related behaviour likely to occur within area |
| Falco hypoleucos Grey Falcon [929] | Vulnerable | Species or species habitat may occur within area |
| Fregetta grallaria grallaria White-bellied Storm-Petrel (Tasman Sea), White-bellied Storm-Petrel (Australasian) [64438] | Vulnerable | Species or species habitat likely to occur within area |
| Gallinago hardwickii Latham's Snipe, Japanese Snipe [863] | Vulnerable | Species or species habitat likely to occur within area |
| Grantiella picta Painted Honeyeater [470] | Vulnerable | Species or species habitat may occur within area |
| Halobaena caerulea Blue Petrel [1059] | Vulnerable | Species or species habitat may 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 likely to occur within area |
| Limosa lapponica baueri Nunivak Bar-tailed Godwit, Western Alaskan Bar-tailed Godwit [86380] | Endangered | Species or species habitat likely to occur within area |
| Macronectes giganteus Southern Giant-Petrel, Southern Giant Petrel [1060] | Endangered | Species or species habitat may occur within area |

| Scientific Name | Threatened Category | Presence Text |
|---|-----------------------|--|
| Macronectes halli Northern Giant Petrel [1061] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |
| Melanodryas cucullata cucullata South-eastern Hooded Robin, Hooded Robin (south-eastern) [67093] | Endangered | Species or species habitat may occur within area |
| Neophema chrysogaster Orange-bellied Parrot [747] | Critically Endangered | Species or species habitat may occur within area |
| Neophema chrysostoma Blue-winged Parrot [726] | Vulnerable | Species or species habitat likely to occur within area |
| Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847] | Critically Endangered | Species or species habitat may occur within area |
| Pachyptila turtur subantarctica Fairy Prion (southern) [64445] | Vulnerable | Species or species habitat known to occur within area |
| Pterodroma leucoptera leucoptera Gould's Petrel, Australian Gould's Petrel [26033] | Endangered | Species or species habitat may occur within area |
| Pycnoptilus floccosus Pilotbird [525] | Vulnerable | Species or species habitat likely to occur within area |
| Rostratula australis Australian Painted Snipe [77037] | Endangered | Species or species habitat likely to occur within area |
| Stagonopleura guttata Diamond Firetail [59398] | Vulnerable | Species or species habitat may occur within area |
| Sternula nereis nereis Australian Fairy Tern [82950] | Vulnerable | Breeding likely to occur within area |

| Scientific Name | Threatened Category | Presence Text |
|---|---------------------|--|
| Thalassarche bulleri Buller's Albatross, Pacific Albatross [64460] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |
| Thalassarche bulleri platei Northern Buller's Albatross, Pacific Albatross [82273] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |
| Thalassarche carteri Indian Yellow-nosed Albatross [64464] | Vulnerable | Species or species habitat likely to occur within area |
| Thalassarche cauta Shy Albatross [89224] | Endangered | Foraging, feeding or related behaviour likely to occur within area |
| Thalassarche eremita Chatham Albatross [64457] | Endangered | Foraging, feeding or related behaviour may occur within area |
| Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459] | Vulnerable | Species or species habitat may occur within area |
| Thalassarche melanophris Black-browed Albatross [66472] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |
| Thalassarche salvini Salvin's Albatross [64463] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |
| Thalassarche steadi White-capped Albatross [64462] | Vulnerable | Foraging, feeding or related behaviour known to occur within area |
| Thinornis cucullatus cucullatus Eastern Hooded Plover, Eastern Hooded Plover [90381] | Vulnerable | Species or species habitat likely to occur within area |

| Scientific Name | Threatened Category | Presence Text |
|--|------------------------|--|
| Epinephelus daemeli Black Rockcod, Black Cod, Saddled Rockcod [68449] | Vulnerable | Species or species habitat may occur within area |
| Prototroctes maraena Australian Grayling [26179] | Vulnerable | Species or species habitat likely to occur within area |
| Serirolella brama Blue Warehou [69374] | Conservation Dependent | Species or species habitat known to occur within area |
| FROG | | |
| Heleioporus australiacus Giant Burrowing Frog [1973] | Vulnerable | Species or species habitat likely to occur within area |
| Litoria aurea Green and Golden Bell Frog [1870] | Vulnerable | Species or species habitat likely to occur within area |
| Litoria raniformis Southern Bell Frog,, Growling Grass Frog, Green and Golden Frog, Warty Swamp Frog, Golden Bell Frog [1828] | Vulnerable | Species or species habitat likely to occur within area |
| Litoria watsoni Southern Heath Frog, Watson's Tree Frog [91509] | Endangered | Species or species habitat may occur within area |
| Uperoleia martini Martin's Toadlet [1873] | Endangered | Species or species habitat may occur within area |
| MAMMAL | | |
| Balaenoptera musculus Blue Whale [36] | Endangered | 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] | Endangered | Species or species habitat likely to occur within area |
| Eubalaena australis Southern Right Whale [40] | Endangered | Species or species habitat known to occur within area |

| Scientific Name | Threatened Category | Presence Text |
|---|-----------------------|--|
| Isoodon obesulus obesulus Southern Brown Bandicoot (eastern), Southern Brown Bandicoot (south- eastern) [68050] | Endangered | Species or species habitat likely to occur within area |
| Petauroides volans Greater Glider (southern and central) [254] | Endangered | Species or species habitat may occur within area |
| Petaurus australis australis Yellow-bellied Glider (south-eastern) [87600] | Vulnerable | Species or species habitat likely to occur within area |
| Phascolarctos cinereus (combined populations of Qld, NSW and the ACT) Koala (combined populations of Queensland, New South Wales and the Australian Capital Territory) [85104] | Endangered | Species or species habitat likely to occur within area |
| Potorous tridactylus trisulcatus Long-nosed Potoroo (southern mainland) [86367] | Vulnerable | Species or species habitat likely to occur within area |
| Pseudomys fumeus Smoky Mouse, Konoom [88] | Endangered | Species or species habitat may occur within area |
| Pteropus poliocephalus Grey-headed Flying-fox [186] | Vulnerable | Foraging, feeding or related behaviour known to occur within area |
| PLANT | | |
| Acacia constablei Narrabarba Wattle [10798] | Critically Endangered | Species or species habitat may occur within area |
| Acacia lanigera var. gracilipes [31652] | Endangered | Species or species habitat may occur within area |
| Amphibromus fluitans River Swamp Wallaby-grass, Floating Swamp Wallaby-grass [19215] | Vulnerable | Species or species habitat likely to occur within area |
| Astrottricha sp. Howe Range (D.E.Albrecht 1054) Long-leaf Star-hair [85676] | Critically Endangered | Species or species habitat may occur within area |

| Scientific Name | Threatened Category | Presence Text |
|--|---------------------|--|
| Caladenia tessellata Thick-lipped Spider-orchid, Daddy Long-legs [2119] | Vulnerable | Species or species habitat likely to occur within area |
| Cryptostylis hunteriana Leafless Tongue-orchid [19533] | Vulnerable | Species or species habitat likely to occur within area |
| Persicaria elatior Knotweed, Tall Knotweed [5831] | Vulnerable | Species or species habitat may occur within area |
| Pomaderris parrisiae Parris' Pomaderris [22119] | Vulnerable | Species or species habitat likely to occur within area |
| Thesium australe Austral Toadflax, Toadflax [15202] | Vulnerable | Species or species habitat may occur within area |

REPTILE

| | | |
|--|------------|---|
| Caretta caretta Loggerhead Turtle [1763] | Endangered | Breeding likely to occur within area |
| Chelonia mydas Green Turtle [1765] | Vulnerable | Species or species habitat known to occur within area |
| Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768] | Endangered | Species or species habitat known to occur within area |
| Eretmochelys imbricata Hawksbill Turtle [1766] | Vulnerable | Species or species habitat known to occur within area |

SHARK

| | | |
|---|-----------------------|--|
| Carcharias taurus (east coast population) Grey Nurse Shark (east coast population) [68751] | Critically Endangered | Foraging, feeding or related behaviour may occur within area |
| Carcharodon carcharias White Shark, Great White Shark [64470] | Vulnerable | Species or species habitat known to occur within area |

| Scientific Name | Threatened Category | Presence Text |
|--|------------------------|--|
| Galeorhinus galeus School Shark, Eastern School Shark, Snapper Shark, Tope, Soupfin Shark [68453] | Conservation Dependent | Species or species habitat may occur within area |
| Rhincodon typus Whale Shark [66680] | Vulnerable | Species or species habitat may occur within area |

Listed Migratory Species [[Resource Information](#)]

| Scientific Name | Threatened Category | Presence Text |
|-----------------|---------------------|---------------|
|-----------------|---------------------|---------------|

Migratory Marine Birds

| | | |
|--|------------|--|
| Apus pacificus Fork-tailed Swift [678] | | Species or species habitat likely to occur within area |
| Ardenna carneipes Flesh-footed Shearwater, Fleshy-footed Shearwater [82404] | | Foraging, feeding or related behaviour likely to occur within area |
| Ardenna grisea Sooty Shearwater [82651] | Vulnerable | Species or species habitat likely to occur within area |
| Diomedea antipodensis Antipodean Albatross [64458] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |
| Diomedea epomophora Southern Royal Albatross [89221] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |
| Diomedea exulans Wandering Albatross [89223] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |
| Diomedea sanfordi Northern Royal Albatross [64456] | Endangered | Foraging, feeding or related behaviour likely to occur within area |

| Scientific Name | Threatened Category | Presence Text |
|--|---------------------|--|
| Macronectes giganteus Southern Giant-Petrel, Southern Giant Petrel [1060] | Endangered | Species or species habitat may occur within area |
| Macronectes halli Northern Giant Petrel [1061] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |
| Sternula albifrons Little Tern [82849] | | Species or species habitat may occur within area |
| Thalassarche bulleri Buller's Albatross, Pacific Albatross [64460] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |
| Thalassarche carteri Indian Yellow-nosed Albatross [64464] | Vulnerable | Species or species habitat likely to occur within area |
| Thalassarche cauta Shy Albatross [89224] | Endangered | Foraging, feeding or related behaviour likely to occur within area |
| Thalassarche eremita Chatham Albatross [64457] | Endangered | Foraging, feeding or related behaviour may occur within area |
| Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459] | Vulnerable | Species or species habitat may occur within area |
| Thalassarche melanophris Black-browed Albatross [66472] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |
| Thalassarche salvini Salvin's Albatross [64463] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |

| Scientific Name | Threatened Category | Presence Text |
|--|---------------------|--|
| Thalassarche steadi White-capped Albatross [64462] | Vulnerable | Foraging, feeding or related behaviour known to occur within area |
| Migratory Marine Species | | |
| Balaenoptera edeni Bryde's Whale [35] | | Species or species habitat may occur within area |
| Balaenoptera musculus Blue Whale [36] | Endangered | Species or species habitat likely to occur within area |
| Caperea marginata Pygmy Right Whale [39] | | Foraging, feeding or related behaviour likely to occur within area |
| Carcharhinus longimanus Oceanic Whitetip Shark [84108] | | Species or species habitat may occur within area |
| Carcharias taurus Grey Nurse Shark [64469] | | Foraging, feeding or related behaviour may occur within area |
| Carcharodon carcharias White Shark, Great White Shark [64470] | Vulnerable | Species or species habitat known to occur within area |
| Caretta caretta Loggerhead Turtle [1763] | Endangered | Breeding likely to occur within area |
| Chelonia mydas Green Turtle [1765] | Vulnerable | Species or species habitat known to occur within area |
| Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768] | Endangered | Species or species habitat known to occur within area |
| Eretmochelys imbricata Hawksbill Turtle [1766] | Vulnerable | Species or species habitat known to occur within area |

| Scientific Name | Threatened Category | Presence Text |
|---|-----------------------|---|
| Eubalaena australis as Balaena glacialis australis Southern Right Whale [40] | Endangered | Species or species habitat known to occur within area |
| Lagenorhynchus obscurus Dusky Dolphin [43] | | Species or species habitat may occur within area |
| Lamna nasus Porbeagle, Mackerel Shark [83288] | | Species or species habitat likely to occur within area |
| Megaptera novaeangliae Humpback Whale [38] | | Foraging, feeding or related behaviour known to occur within area |
| Orcinus orca Killer Whale, Orca [46] | | Species or species habitat likely to occur within area |
| Rhincodon typus Whale Shark [66680] | Vulnerable | Species or species habitat may occur within area |
| Migratory Terrestrial Species | | |
| Hirundapus caudacutus White-throated Needletail [682] | Vulnerable | 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] | Vulnerable | Species or species habitat may occur within area |
| Calidris canutus Red Knot, Knot [855] | Vulnerable | Species or species habitat may occur within area |
| Calidris ferruginea Curlew Sandpiper [856] | Critically Endangered | Species or species habitat may occur within area |

| Scientific Name | Threatened Category | Presence Text |
|--|-----------------------|--|
| Calidris melanotos Pectoral Sandpiper [858] | | Species or species habitat may occur within area |
| Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877] | Vulnerable | Species or species habitat may occur within area |
| Gallinago hardwickii Latham's Snipe, Japanese Snipe [863] | Vulnerable | Species or species habitat likely 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 |

Other Matters Protected by the EPBC Act

| Listed Marine Species | | [Resource Information] |
|--|---------------------|--|
| Scientific Name | Threatened Category | Presence Text |
| Bird | | |
| Actitis hypoleucos Common Sandpiper [59309] | | Species or species habitat may occur within area |
| Apus pacificus Fork-tailed Swift [678] | | Species or species habitat likely to occur within area overfly marine area |
| Ardenna carneipes as Puffinus carneipes Flesh-footed Shearwater, Fleshy-footed Shearwater [82404] | | Foraging, feeding or related behaviour likely to occur within area |
| Ardenna grisea as Puffinus griseus Sooty Shearwater [82651] | Vulnerable | Species or species habitat likely to occur within area |

| Scientific Name | Threatened Category | Presence Text |
|---|-----------------------|--|
| Bubulcus ibis as Ardea ibis Cattle Egret [66521] | | Species or species habitat may occur within area overfly marine area |
| Calidris acuminata Sharp-tailed Sandpiper [874] | Vulnerable | Species or species habitat may occur within area |
| Calidris canutus Red Knot, Knot [855] | Vulnerable | Species or species habitat may occur within area overfly marine area |
| Calidris ferruginea Curlew Sandpiper [856] | Critically Endangered | Species or species habitat may occur within area overfly marine area |
| Calidris melanotos Pectoral Sandpiper [858] | | Species or species habitat may occur within area overfly marine area |
| Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877] | Vulnerable | Species or species habitat may occur within area |
| Diomedea antipodensis Antipodean Albatross [64458] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |
| Diomedea antipodensis gibsoni as Diomedea gibsoni Gibson's Albatross [82270] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |
| Diomedea epomophora Southern Royal Albatross [89221] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |
| Diomedea exulans Wandering Albatross [89223] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |

| Scientific Name | Threatened Category | Presence Text |
|--|-----------------------|--|
| Diomedea sanfordi Northern Royal Albatross [64456] | Endangered | Foraging, feeding or related behaviour likely to occur within area |
| Gallinago hardwickii Latham's Snipe, Japanese Snipe [863] | Vulnerable | Species or species habitat likely to occur within area overfly marine area |
| Haliaeetus leucogaster White-bellied Sea-Eagle [943] | | Species or species habitat likely to occur within area |
| Halobaena caerulea Blue Petrel [1059] | Vulnerable | Species or species habitat may occur within area |
| Hirundapus caudacutus White-throated Needletail [682] | Vulnerable | Species or species habitat known to occur within area overfly marine area |
| Lathamus discolor Swift Parrot [744] | Critically Endangered | Species or species habitat likely to occur within area overfly marine area |
| Limosa lapponica Bar-tailed Godwit [844] | | Species or species habitat known to occur within area |
| Macronectes giganteus Southern Giant-Petrel, Southern Giant Petrel [1060] | Endangered | Species or species habitat may occur within area |
| Macronectes halli Northern Giant Petrel [1061] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |
| Merops ornatus Rainbow Bee-eater [670] | | Species or species habitat may occur within area overfly marine area |

| Scientific Name | Threatened Category | Presence Text |
|--|-----------------------|--|
| Monarcha melanopsis Black-faced Monarch [609] | | Species or species habitat known to occur within area overfly marine area |
| Neophema chrysogaster Orange-bellied Parrot [747] | Critically Endangered | Species or species habitat may occur within area overfly marine area |
| Neophema chrysostoma Blue-winged Parrot [726] | Vulnerable | Species or species habitat likely to occur within area overfly marine area |
| Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847] | Critically Endangered | Species or species habitat may occur within area |
| Pachyptila turtur Fairy Prion [1066] | | Species or species habitat known to occur within area |
| Pterodroma cervicalis White-necked Petrel [59642] | | Species or species habitat may occur within area |
| Rhipidura rufifrons Rufous Fantail [592] | | Species or species habitat likely to occur within area overfly marine area |
| Rostratula australis as Rostratula benghalensis (sensu lato) Australian Painted Snipe [77037] | Endangered | Species or species habitat likely to occur within area overfly marine area |
| Stercorarius antarcticus as Catharacta skua Brown Skua [85039] | | Species or species habitat may occur within area |
| Sterna striata White-fronted Tern [799] | | Foraging, feeding or related behaviour likely to occur within area |

| Scientific Name | Threatened Category | Presence Text |
|--|---------------------|--|
| Sternula albifrons as Sterna albifrons Little Tern [82849] | | Species or species habitat may occur within area |
| Thalassarche bulleri Buller's Albatross, Pacific Albatross [64460] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |
| Thalassarche bulleri platei as Thalassarche sp. nov. Northern Buller's Albatross, Pacific Albatross [82273] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |
| Thalassarche carteri Indian Yellow-nosed Albatross [64464] | Vulnerable | Species or species habitat likely to occur within area |
| Thalassarche cauta Shy Albatross [89224] | Endangered | Foraging, feeding or related behaviour likely to occur within area |
| Thalassarche eremita Chatham Albatross [64457] | Endangered | Foraging, feeding or related behaviour may occur within area |
| Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459] | Vulnerable | Species or species habitat may occur within area |
| Thalassarche melanophris Black-browed Albatross [66472] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |
| Thalassarche salvini Salvin's Albatross [64463] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area |
| Thalassarche steadi White-capped Albatross [64462] | Vulnerable | Foraging, feeding or related behaviour known to occur within area |

| Scientific Name | Threatened Category | Presence Text |
|--|---------------------|--|
| Thinornis cucullatus as Thinornis rubricollis Hooded Plover, Hooded Dotterel [87735] | | Species or species habitat likely to occur within area overfly marine area |
| Thinornis cucullatus cucullatus as Thinornis rubricollis rubricollis Eastern Hooded Plover, Eastern Hooded Plover [90381] | Vulnerable | Species or species habitat likely to occur within area overfly marine area |
| Fish | | |
| Heraldia nocturna Upside-down Pipefish, Eastern Upside-down Pipefish, Eastern Upside-down Pipefish [66227] | | Species or species habitat may occur within area |
| Hippocampus abdominalis Big-belly Seahorse, Eastern Potbelly Seahorse, New Zealand Potbelly Seahorse [66233] | | Species or species habitat may occur within area |
| Hippocampus breviceps Short-head Seahorse, Short-snouted Seahorse [66235] | | Species or species habitat may occur within area |
| Hippocampus minotaur Bullneck Seahorse [66705] | | Species or species habitat may occur within area |
| Histiogamphelus briggsii Crested Pipefish, Briggs' Crested Pipefish, Briggs' Pipefish [66242] | | Species or species habitat may occur within area |
| Histiogamphelus cristatus Rhino Pipefish, Macleay's Crested Pipefish, Ring-back Pipefish [66243] | | Species or species habitat may occur within area |
| Hypselognathus rostratus Knifesnout Pipefish, Knife-snouted Pipefish [66245] | | Species or species habitat may occur within area |
| Kaupus costatus Deepbody Pipefish, Deep-bodied Pipefish [66246] | | Species or species habitat may occur within area |
| Kimblaeus bassensis Trawl Pipefish, Bass Strait Pipefish [66247] | | Species or species habitat may occur within area |

| Scientific Name | Threatened Category | Presence Text |
|---|---------------------|--|
| Leptoichthys fistularius Brushtail Pipefish [66248] | | Species or species habitat may occur within area |
| Lissocampus runa Javelin Pipefish [66251] | | Species or species habitat may occur within area |
| Maroubra perserrata Sawtooth Pipefish [66252] | | Species or species habitat may occur within area |
| Mitotichthys semistriatus Halfbanded Pipefish [66261] | | Species or species habitat may occur within area |
| Mitotichthys tuckeri Tucker's Pipefish [66262] | | Species or species habitat may occur within area |
| Notiocampus ruber Red Pipefish [66265] | | Species or species habitat may occur within area |
| Phyllopteryx taeniolatus Common Seadragon, Weedy Seadragon [66268] | | Species or species habitat may occur within area |
| Solegnathus robustus Robust Pipehorse, Robust Spiny Pipehorse [66274] | | Species or species habitat may occur within area |
| Solegnathus spinosissimus Spiny Pipehorse, Australian Spiny Pipehorse [66275] | | Species or species habitat may occur within area |
| Stigmatopora argus Spotted Pipefish, Gulf Pipefish, Peacock Pipefish [66276] | | Species or species habitat may occur within area |
| Stigmatopora nigra Widebody Pipefish, Wide-bodied Pipefish, Black Pipefish [66277] | | Species or species habitat may occur within area |

| Scientific Name | Threatened Category | Presence Text |
|--|---------------------|---|
| Stipecampus cristatus Ringback Pipefish, Ring-backed Pipefish [66278] | | Species or species habitat may occur within area |
| Syngnathoides biaculeatus Double-end Pipehorse, Double-ended Pipehorse, Alligator Pipefish [66279] | | Species or species habitat may occur within area |
| Urocampus carinirostris Hairy Pipefish [66282] | | Species or species habitat may occur within area |
| Vanacampus margaritifer Mother-of-pearl Pipefish [66283] | | Species or species habitat may occur within area |
| Vanacampus phillipi Port Phillip Pipefish [66284] | | Species or species habitat may occur within area |
| Vanacampus poecilolaemus Longsnout Pipefish, Australian Longsnout Pipefish, Long-snouted Pipefish [66285] | | Species or species habitat may occur within area |
| Mammal | | |
| Arctocephalus forsteri Long-nosed Fur-seal, New Zealand Fur-seal [20] | | Species or species habitat may occur within area |
| Arctocephalus pusillus Australian Fur-seal, Australo-African Fur-seal [21] | | Species or species habitat may occur within area |
| Reptile | | |
| Caretta caretta Loggerhead Turtle [1763] | Endangered | Breeding likely to occur within area |
| Chelonia mydas Green Turtle [1765] | Vulnerable | Species or species habitat known to occur within area |
| Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768] | Endangered | Species or species habitat known to occur within area |

| Scientific Name | Threatened Category | Presence Text |
|---|---------------------|--|
| <i>Eretmochelys imbricata</i> Hawksbill Turtle [1766] | Vulnerable | Species or species habitat known to occur within area |
| Whales and Other Cetaceans [Resource Information] | | |
| Current Scientific Name | Status | Type of Presence |
| Mammal | | |
| <i>Balaenoptera acutorostrata</i> Minke Whale [33] | | Species or species habitat may occur within area |
| <i>Balaenoptera edeni</i> Bryde's Whale [35] | | Species or species habitat may occur within area |
| <i>Balaenoptera musculus</i> Blue Whale [36] | Endangered | Species or species habitat likely to occur within area |
| <i>Caperea marginata</i> Pygmy Right Whale [39] | | Foraging, feeding or related behaviour likely to occur within area |
| <i>Delphinus delphis</i> Common Dolphin, Short-beaked Common Dolphin [60] | | Species or species habitat may occur within area |
| <i>Eubalaena australis</i> Southern Right Whale [40] | Endangered | Species or species habitat known to occur within area |
| <i>Grampus griseus</i> Risso's Dolphin, Grampus [64] | | Species or species habitat may occur within area |
| <i>Lagenorhynchus obscurus</i> Dusky Dolphin [43] | | Species or species habitat may occur within area |
| <i>Megaptera novaeangliae</i> Humpback Whale [38] | | Foraging, feeding or related behaviour known to occur within area |

| Current Scientific Name | Status | Type of Presence |
|--|--------|--|
| Orcinus orca Killer Whale, Orca [46] | | Species or species habitat likely to occur within area |
| Tursiops aduncus Indian Ocean Bottlenose Dolphin, Spotted Bottlenose Dolphin [68418] | | Species or species habitat likely to occur within area |
| Tursiops truncatus s. str. Bottlenose Dolphin [68417] | | Species or species habitat may occur within area |

Extra Information

State and Territory Reserves [\[Resource Information \]](#)

| Protected Area Name | Reserve Type | State |
|---------------------|----------------|-------|
| Nadgee | Nature Reserve | NSW |

Regional Forest Agreements [\[Resource Information \]](#)

Note that all areas with completed RFAs have been included. Please see the associated resource information for specific caveats and use limitations associated with RFA boundary information.

| RFA Name | State |
|--------------------------|-----------------|
| Eden RFA | New South Wales |

EPBC Act Referrals [\[Resource Information \]](#)

| Title of referral | Reference | Referral Outcome | Assessment Status |
|--|-----------|---|-------------------|
| Not controlled action INDIGO Central Submarine Telecommunications Cable | 2017/8127 | Not Controlled Action | Completed |
| Not controlled action (particular manner) INDIGO Marine Cable Route Survey (INDIGO) | 2017/7996 | Not Controlled Action (Particular Manner) | Post-Approval |

Key Ecological Features [\[Resource Information \]](#)

Key Ecological Features are the parts of the marine ecosystem that are considered to be important for the biodiversity or ecosystem functioning and integrity of the Commonwealth Marine Area.

| Name | Region |
|--|------------|
| Upwelling East of Eden | South-east |

Biologically Important Areas [\[Resource Information \]](#)

| Scientific Name | Behaviour | Presence |
|-----------------|-----------|----------|
|-----------------|-----------|----------|

Dolphins[Tursiops aduncus](#)

| | | |
|---|----------|-----------------|
| Indo-Pacific/Spotted Bottlenose Dolphin [68418] | Breeding | Likely to occur |
|---|----------|-----------------|

Seabirds[Ardena tenuirostris](#)

| | | |
|---------------------------------|----------|-----------------|
| Short-tailed Shearwater [82652] | Foraging | Likely to occur |
|---------------------------------|----------|-----------------|

[Ardena tenuirostris](#)

| | | |
|---------------------------------|----------|-----------------|
| Short-tailed Shearwater [82652] | Foraging | Likely to occur |
|---------------------------------|----------|-----------------|

[Pelagodroma marina](#)

| | | |
|---------------------------------|----------|----------------|
| White-faced Storm-petrel [1016] | Foraging | Known to occur |
|---------------------------------|----------|----------------|

[Thalassarche cauta cauta](#)

| | | |
|-----------------------|-----------------|-----------------|
| Shy Albatross [82345] | Foraging likely | Likely to occur |
|-----------------------|-----------------|-----------------|

Sharks[Carcharias taurus](#)

| | | |
|--------------------------|----------|----------------|
| Grey Nurse Shark [64469] | Foraging | Known to occur |
|--------------------------|----------|----------------|

Whales[Balaenoptera musculus breviceuda](#)

| | | |
|--------------------------|----------|----------------------|
| Pygmy Blue Whale [81317] | Foraging | Likely to be present |
|--------------------------|----------|----------------------|

[Megaptera novaeangliae](#)

| | | |
|---------------------|-----------------------------|----------------|
| Humpback Whale [38] | Migration (north and south) | Known to occur |
|---------------------|-----------------------------|----------------|

Caveat

1 PURPOSE

This report is designed to assist in identifying the location of matters of national environmental significance (MNES) and other matters protected by the Environment Protection and Biodiversity Conservation Act 1999 (Cth) (EPBC Act) which may be relevant in determining obligations and requirements under the EPBC Act.

The report contains the mapped locations of:

- World and National Heritage properties;
- Wetlands of International and National Importance;
- Commonwealth and State/Territory reserves;
- distribution of listed threatened, migratory and marine species;
- listed threatened ecological communities; and
- other information that may be useful as an indicator of potential habitat value.

2 DISCLAIMER

This report is not intended to be exhaustive and should only be relied upon as a general guide as mapped data is not available for all species or ecological communities listed under the EPBC Act (see below). Persons seeking to use the information contained in this report to inform the referral of a proposed action under the EPBC Act should consider the limitations noted below and whether additional information is required to determine the existence and location of MNES and other protected matters.

Where data is available to inform the mapping of protected species, the presence type (e.g. known, likely or may occur) that can be determined from the data is indicated in general terms. It is the responsibility of any person using or relying on the information in this report to ensure that it is suitable for the circumstances of any proposed use. The Commonwealth cannot accept responsibility for the consequences of any use of the report or any part thereof. To the maximum extent allowed under governing law, the Commonwealth will not be liable for any loss or damage that may be occasioned directly or indirectly through the use of, or reliance on the contents of this report.

3 DATA SOURCES

Threatened ecological communities

For threatened ecological communities where the distribution is well known, maps are generated based on information contained in recovery plans, State vegetation maps and 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

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

Where little information is available for a 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 detailed distribution mapping methods are used to update these distributions when time permits.

4 LIMITATIONS

The following species and ecological communities have not been mapped and do not appear in this report:

- threatened species listed as extinct or considered vagrants;
- some recently listed species and ecological communities;
- some listed migratory and listed marine species, which are not listed as threatened species; and
- migratory species that are very widespread, vagrant, or only occur in Australia in small numbers.

The following groups have been mapped, but may not cover the complete distribution of the species:

- listed migratory and/or listed marine seabirds, which are not listed as threatened, have only been mapped for recorded breeding sites; and
- seals which have only been mapped for breeding sites near the Australian continent

The breeding sites may be important for the protection of the Commonwealth Marine environment.

Refer to the metadata for the feature group (using the Resource Information link) for the currency of the information.

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 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](#)
- [-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](#)
- [-Geoscience Australia](#)
- [-CSIRO](#)
- [-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.

[© Commonwealth of Australia](#)

Department of Climate Change, Energy, the Environment and Water

GPO Box 3090

Canberra ACT 2601 Australia

+61 2 6274 1111