

Appendices

Appendix A

Protected Matters Search Tool Search Results



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: 05-Aug-2025

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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	2
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	2
Listed Threatened Ecological Communities:	2
Listed Threatened Species:	94
Listed Migratory Species:	67

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:	106
Whales and Other Cetaceans:	14
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:	6
Regional Forest Agreements:	1
Nationally Important Wetlands:	2
EPBC Act Referrals:	32
Key Ecological Features (Marine):	None
Biologically Important Areas:	11
Bioregional Assessments:	1
Geological and Bioregional Assessments:	None

Details

Matters of National Environmental Significance

Wetlands of International Importance (Ramsar Wetlands)		[Resource Information]
Ramsar Site Name	Proximity	
Corner inlet	Within Ramsar site	
Gippsland lakes	Within Ramsar site	

Commonwealth Marine Area	[Resource Information]
Approval is required for a proposed activity that is located within the Commonwealth Marine Area which has, will have, or is likely to have a significant impact on the environment. Approval may be required for a proposed action taken outside a Commonwealth Marine Area but which has, may have or is likely to have a significant impact on the environment in the Commonwealth Marine Area.	
Feature Name	
Commonwealth Marine Areas (EPBC Act)	
Commonwealth Marine Areas (EPBC Act)	

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
Natural Damp Grassland of the Victorian Coastal Plains	Critically Endangered	Community may occur within area
Subtropical and Temperate Coastal Saltmarsh	Vulnerable	Community likely to occur within area

Listed Threatened Species		[<u>Resource Information</u>]
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	Species or species habitat likely to occur within area
Ardenna grisea		
Sooty Shearwater [82651]	Vulnerable	Species or species habitat may occur within area

Scientific Name	Threatened Category	Presence Text
Arenaria interpres Ruddy Turnstone [872]	Vulnerable	Roosting known 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	Roosting known to occur within area
Calidris canutus Red Knot, Knot [855]	Vulnerable	Species or species habitat known to occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area
Calidris tenuirostris Great Knot [862]	Vulnerable	Roosting known to 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 likely to occur within area
Charadrius mongolus Lesser Sand Plover, Mongolian Plover [879]	Endangered	Roosting known to occur within area
Climacteris picumnus victoriae Brown Treecreeper (south-eastern) [67062]	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

Scientific Name	Threatened Category	Presence Text
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
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 likely to 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 known to occur within area
Grantiella picta Painted Honeyeater [470]	Vulnerable	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

Scientific Name	Threatened Category	Presence Text
Lathamus discolor Swift Parrot [744]	Critically Endangered	Species or species habitat known to occur within area
Limosa lapponica baueri Nunivak Bar-tailed Godwit, Western Alaskan Bar-tailed Godwit [86380]	Endangered	Species or species habitat known to occur within area
Limosa limosa Black-tailed Godwit [845]	Endangered	Roosting 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
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 known to occur within area
Neophema chrysostoma Blue-winged Parrot [726]	Vulnerable	Species or species habitat known to occur within area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat known to occur within area
Pachyptila turtur subantarctica Fairy Prion (southern) [64445]	Vulnerable	Species or species habitat known to occur within area
Phoebetria fusca Sooty Albatross [1075]	Vulnerable	Species or species habitat likely to occur within area

Scientific Name	Threatened Category	Presence Text
Pluvialis squatarola Grey Plover [865]	Vulnerable	Roosting 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 known 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 likely to occur within area
Sternula albifrons Little Tern [82849]	Vulnerable	Species or species habitat may occur within area
Sternula nereis nereis Australian Fairy Tern [82950]	Vulnerable	Species or species habitat known to occur within area
Thalassarche bulleri Buller's Albatross, Pacific Albatross [64460]	Vulnerable	Species or species habitat may occur within area
Thalassarche bulleri platei Northern Buller's Albatross, Pacific Albatross [82273]	Vulnerable	Species or species habitat may 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

Scientific Name	Threatened Category	Presence Text
Thalassarche chrysostoma Grey-headed Albatross [66491]	Endangered	Species or species habitat may occur within area
Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Foraging, feeding or related behaviour likely to 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 known to occur within area
Tringa nebularia Common Greenshank, Greenshank [832]	Endangered	Species or species habitat known to occur within area
Xenus cinereus Terek Sandpiper [59300]	Vulnerable	Roosting known to occur within area
FISH		
Galaxiella pusilla Eastern Dwarf Galaxias, Dwarf Galaxias [56790]	Endangered	Species or species habitat may occur within area
Prototroctes maraena Australian Grayling [26179]	Vulnerable	Species or species habitat known to occur within area

Scientific Name	Threatened Category	Presence Text
Seriolella brama Blue Warehou [69374]	Conservation Dependent	Species or species habitat known to occur within area
FROG		
Heleioporus australiacus flavopunctatus Southern Owl Frog, Southern Giant Burrowing Frog [92014]	Endangered	Species or species habitat may 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
Uperoleia martini Martin's Toadlet [1873]	Endangered	Species or species habitat may occur within area
MAMMAL		
Antechinus minimus maritimus Swamp Antechinus (mainland) [83086]	Vulnerable	Species or species habitat likely to occur within area
Balaenoptera borealis Sei Whale [34]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Balaenoptera musculus Blue Whale [36]	Endangered	Species or species habitat likely to occur within area
Balaenoptera physalus Fin Whale [37]	Vulnerable	Foraging, feeding or related behaviour 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 may occur within area

Scientific Name	Threatened Category	Presence Text
Eubalaena australis Southern Right Whale [40]	Endangered	Species or species habitat known to occur within area
Isoodon obesulus obesulus Southern Brown Bandicoot (eastern), Southern Brown Bandicoot (south-eastern) [68050]	Endangered	Species or species habitat likely to occur within area
Petaurus australis australis Yellow-bellied Glider (south-eastern) [87600]	Vulnerable	Species or species habitat may occur within area
Potorous tridactylus trisulcatus Long-nosed Potoroo (southern mainland) [86367]	Vulnerable	Species or species habitat may occur within area
Pseudomys novaehollandiae New Holland Mouse, Pookila [96]	Vulnerable	Species or species habitat likely to occur within area
Pteropus poliocephalus Grey-headed Flying-fox [186]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
PLANT		
Amphibromus fluitans River Swamp Wallaby-grass, Floating Swamp Wallaby-grass [19215]	Vulnerable	Species or species habitat likely to occur within area
Caladenia tessellata Thick-lipped Spider-orchid, Daddy Long-legs [2119]	Vulnerable	Species or species habitat likely to occur within area
Commersonia prostrata Dwarf Kerrawang [87152]	Endangered	Species or species habitat likely to occur within area
Dianella amoena Matted Flax-lily [64886]	Endangered	Species or species habitat may occur within area
Dodonaea procumbens Trailing Hop-bush [12149]	Vulnerable	Species or species habitat likely to occur within area

Scientific Name	Threatened Category	Presence Text
Glycine latrobeana Clover Glycine, Purple Clover [13910]	Vulnerable	Species or species habitat may occur within area
Lepidium hyssopifolium Basalt Pepper-cress, Peppercress, Rubble Pepper-cress, Pepperweed [16542]	Endangered	Species or species habitat likely to occur within area
Prasophyllum frenchii Maroon Leek-orchid, Slaty Leek-orchid, Stout Leek-orchid, French's Leek-orchid, Swamp Leek-orchid [9704]	Endangered	Species or species habitat known to occur within area
Prasophyllum spicatum Dense Leek-orchid [55146]	Vulnerable	Species or species habitat likely to occur within area
Pterostylis chlorogramma Green-striped Greenhood [56510]	Vulnerable	Species or species habitat likely to occur within area
Senecio psilocarpus Swamp Fireweed, Smooth-fruited Groundsel [64976]	Vulnerable	Species or species habitat likely to occur within area
Thelymitra epipactoides Metallic Sun-orchid [11896]	Endangered	Species or species habitat likely to occur within area
Thelymitra matthewsii Spiral Sun-orchid [4168]	Endangered	Species or species habitat may occur within area
Thesium australe Austral Toadflax, Toadflax [15202]	Vulnerable	Species or species habitat may occur within area
Xerochrysum palustre Swamp Everlasting, Swamp Paper Daisy [76215]	Vulnerable	Species or species habitat likely to occur within area
REPTILE		
Caretta caretta Loggerhead Turtle [1763]	Endangered	Species or species habitat known to occur within area

Scientific Name	Threatened Category	Presence Text
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Chelonia mydas Green Turtle [1765]	Vulnerable	Species or species habitat may occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Foraging, feeding or related behaviour known to occur within area
Lissolepis coventryi Swamp Skink, Eastern Mourning Skink [84053]	Endangered	Species or species habitat known to occur within area

SHARK

Carcharodon carcharias White Shark, Great White Shark [64470]	Vulnerable	Breeding known to occur within area
Galeorhinus galeus School Shark, Eastern School Shark, Snapper Shark, Tope, Soupfin Shark [68453]	Conservation Dependent	Species or species habitat likely to 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
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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 may occur within area
Diomedea antipodensis Antipodean Albatross [64458]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area

Scientific Name	Threatened Category	Presence Text
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
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
Phoebetria fusca Sooty Albatross [1075]	Vulnerable	Species or species habitat likely to occur within area
Sternula albifrons Little Tern [82849]	Vulnerable	Species or species habitat may occur within area
Thalassarche bulleri Buller's Albatross, Pacific Albatross [64460]	Vulnerable	Species or species habitat may 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

Scientific Name	Threatened Category	Presence Text
Thalassarche chrysostoma Grey-headed Albatross [66491]	Endangered	Species or species habitat may occur within area
Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Foraging, feeding or related behaviour likely to 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
Migratory Marine Species		
Balaenoptera borealis Sei Whale [34]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Balaenoptera musculus Blue Whale [36]	Endangered	Species or species habitat likely to occur within area
Balaenoptera physalus Fin Whale [37]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Caperea marginata Pygmy Right Whale [39]		Foraging, feeding or related behaviour may occur within area
Carcharias taurus Grey Nurse Shark [64469]		Species or species habitat may occur within area

Scientific Name	Threatened Category	Presence Text
Carcharodon carcharias White Shark, Great White Shark [64470]	Vulnerable	Breeding known to occur within area
Caretta caretta Loggerhead Turtle [1763]	Endangered	Species or species habitat known to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Species or species habitat may occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Foraging, feeding or related behaviour known to occur within area
Eubalaena australis as Balaena glacialis australis Southern Right Whale [40]	Endangered	Species or species habitat known to occur within area
Isurus oxyrinchus Shortfin Mako, Mako Shark [79073]		Species or species habitat likely 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]		Species or species habitat 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

Scientific Name	Threatened Category	Presence Text
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area
Motacilla flava Yellow Wagtail [644]		Species or species habitat may occur within area
Migratory Wetlands Species		
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat known to occur within area
Arenaria interpres Ruddy Turnstone [872]	Vulnerable	Roosting known to occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]	Vulnerable	Roosting known to occur within area
Calidris alba Sanderling [875]		Roosting known to occur within area
Calidris canutus Red Knot, Knot [855]	Vulnerable	Species or species habitat known to occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat known to occur within area
Calidris pugnax as Philomachus pugnax Ruff [91256]		Roosting known to occur within area
Calidris ruficollis Red-necked Stint [860]		Roosting known to occur within area
Calidris tenuirostris Great Knot [862]	Vulnerable	Roosting known to occur within area

Scientific Name	Threatened Category	Presence Text
Charadrius bicinctus Double-banded Plover [895]		Roosting known to occur within area
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat likely to occur within area
Charadrius mongolus Lesser Sand Plover, Mongolian Plover [879]	Endangered	Roosting known to occur within area
Charadrius veredus Oriental Plover, Oriental Dotterel [882]		Species or species habitat known to occur within area
Gallinago hardwickii Latham's Snipe, Japanese Snipe [863]	Vulnerable	Species or species habitat known to occur within area
Gallinago megala Swinhoe's Snipe [864]		Roosting likely to occur within area
Gallinago stenura Pin-tailed Snipe [841]		Roosting likely to occur within area
Limosa lapponica Bar-tailed Godwit [844]		Species or species habitat known to occur within area
Limosa limosa Black-tailed Godwit [845]	Endangered	Roosting known to occur within area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat known to occur within area
Numenius minutus Little Curlew, Little Whimbrel [848]		Roosting likely to occur within area
Numenius phaeopus Whimbrel [849]		Roosting known to occur within area
Pandion haliaetus Osprey [952]		Species or species habitat known to occur within area

Scientific Name	Threatened Category	Presence Text
Pluvialis fulva Pacific Golden Plover [25545]	Vulnerable	Roosting known to occur within area
Pluvialis squatarola Grey Plover [865]		Roosting known to occur within area
Tringa brevipes Grey-tailed Tattler [851]		Roosting known to occur within area
Tringa glareola Wood Sandpiper [829]	Endangered	Roosting known to occur within area
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat known to occur within area
Tringa stagnatilis Marsh Sandpiper, Little Greenshank [833]		Roosting known to occur within area
Xenus cinereus Terek Sandpiper [59300]	Vulnerable	Roosting known to 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 known to 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

Scientific Name	Threatened Category	Presence Text
Ardenna grisea as Puffinus griseus Sooty Shearwater [82651]	Vulnerable	Species or species habitat may occur within area
Arenaria interpres Ruddy Turnstone [872]	Vulnerable	Roosting known to occur within area
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	Roosting known to occur within area
Calidris alba Sanderling [875]		Roosting known to occur within area
Calidris canutus Red Knot, Knot [855]	Vulnerable	Species or species habitat known to occur within area overfly marine area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area overfly marine area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat known to occur within area overfly marine area
Calidris pugnax as Philomachus pugnax Ruff [91256]		Roosting known to occur within area overfly marine area
Calidris ruficollis Red-necked Stint [860]		Roosting known to occur within area overfly marine area
Calidris tenuirostris Great Knot [862]	Vulnerable	Roosting known to occur within area overfly marine area

Scientific Name	Threatened Category	Presence Text
Charadrius bicinctus Double-banded Plover [895]		Roosting known to occur within area overfly marine area
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat likely to occur within area
Charadrius mongolus Lesser Sand Plover, Mongolian Plover [879]	Endangered	Roosting known to occur within area
Charadrius ruficapillus Red-capped Plover [881]		Roosting known to occur within area overfly marine area
Charadrius veredus Oriental Plover, Oriental Dotterel [882]		Species or species habitat known to occur within area overfly marine 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
Diomedea sanfordi Northern Royal Albatross [64456]	Endangered	Foraging, feeding or related behaviour likely to occur within area

Scientific Name	Threatened Category	Presence Text
Gallinago hardwickii Latham's Snipe, Japanese Snipe [863]	Vulnerable	Species or species habitat known to occur within area overfly marine area
Gallinago megala Swinhoe's Snipe [864]		Roosting likely to occur within area overfly marine area
Gallinago stenura Pin-tailed Snipe [841]		Roosting likely to occur within area overfly marine area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat known to occur within area
Halobaena caerulea Blue Petrel [1059]	Vulnerable	Species or species habitat may occur within area
Himantopus himantopus Pied Stilt, Black-winged Stilt [870]		Roosting known to occur within area overfly marine 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 known to occur within area overfly marine area
Limosa lapponica Bar-tailed Godwit [844]		Species or species habitat known to occur within area
Limosa limosa Black-tailed Godwit [845]	Endangered	Roosting known to occur within area overfly marine 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
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area overfly marine area
Monarcha melanopsis Black-faced Monarch [609]		Species or species habitat may occur within area overfly marine area
Motacilla flava Yellow Wagtail [644]		Species or species habitat may occur within area overfly marine area
Myiagra cyanoleuca Satin Flycatcher [612]		Species or species habitat likely to occur within area overfly marine area
Neophema chrysogaster Orange-bellied Parrot [747]	Critically Endangered	Species or species habitat known to occur within area overfly marine area
Neophema chrysostoma Blue-winged Parrot [726]	Vulnerable	Species or species habitat known to occur within area overfly marine area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat known to occur within area
Numenius minutus Little Curlew, Little Whimbrel [848]		Roosting likely to occur within area overfly marine area
Numenius phaeopus Whimbrel [849]		Roosting known to occur within area

Scientific Name	Threatened Category	Presence Text
Pachyptila turtur Fairy Prion [1066]		Species or species habitat known to occur within area
Pandion haliaetus Osprey [952]		Species or species habitat known to occur within area
Phoebetria fusca Sooty Albatross [1075]	Vulnerable	Species or species habitat likely to occur within area
Pluvialis fulva Pacific Golden Plover [25545]		Roosting known to occur within area
Pluvialis squatarola Grey Plover [865]	Vulnerable	Roosting known to occur within area overfly marine area
Recurvirostra novaehollandiae Red-necked Avocet [871]		Roosting known to occur within area overfly marine 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
Sternula albifrons as Sterna albifrons Little Tern [82849]	Vulnerable	Species or species habitat may occur within area

Scientific Name	Threatened Category	Presence Text
Thalassarche bulleri Buller's Albatross, Pacific Albatross [64460]	Vulnerable	Species or species habitat may occur within area
Thalassarche bulleri platei as Thalassarche sp. nov. Northern Buller's Albatross, Pacific Albatross [82273]	Vulnerable	Species or species habitat may 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 chrysostoma Grey-headed Albatross [66491]	Endangered	Species or species habitat may occur within area
Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Foraging, feeding or related behaviour likely to 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 as Thinornis rubricollis Hooded Plover, Hooded Dotterel [87735]		Species or species habitat known to occur within area overfly marine area

Scientific Name	Threatened Category	Presence Text
Thinornis cucullatus cucullatus as Thinornis rubricollis rubricollis Eastern Hooded Plover, Eastern Hooded Plover [90381]	Vulnerable	Species or species habitat known to occur within area overfly marine area
Tringa brevipes as Heteroscelus brevipes Grey-tailed Tattler [851]		Roosting known to occur within area
Tringa glareola Wood Sandpiper [829]		Roosting known to occur within area overfly marine area
Tringa nebularia Common Greenshank, Greenshank [832]	Endangered	Species or species habitat known to occur within area overfly marine area
Tringa stagnatilis Marsh Sandpiper, Little Greenshank [833]		Roosting known to occur within area overfly marine area
Xenus cinereus Terek Sandpiper [59300]	Vulnerable	Roosting known 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

Scientific Name	Threatened Category	Presence Text
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
Leptoichthys fistularius Brushtail Pipefish [66248]		Species or species habitat may occur within area
Lissocampus caudalis Australian Smooth Pipefish, Smooth Pipefish [66249]		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

Scientific Name	Threatened Category	Presence Text
Phycodurus eques Leafy Seadragon [66267]		Species or species habitat may occur within area
Phyllopteryx taeniolatus Common Seadragon, Weedy Seadragon [66268]		Species or species habitat may occur within area
Pugnaso curtirostris Pugnose Pipefish, Pug-nosed Pipefish [66269]		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
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

Scientific Name	Threatened Category	Presence Text
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	Species or species habitat known to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Species or species habitat may occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Foraging, feeding or related behaviour known to occur within area
Whales and Other Cetaceans		
[Resource Information]		
Current Scientific Name	Status	Type of Presence
Mammal		
Balaenoptera acutorostrata Minke Whale [33]		Species or species habitat may occur within area
Balaenoptera borealis Sei Whale [34]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Balaenoptera musculus Blue Whale [36]	Endangered	Species or species habitat likely to occur within area

Current Scientific Name	Status	Type of Presence
Balaenoptera physalus Fin Whale [37]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Caperea marginata Pygmy Right Whale [39]		Foraging, feeding or related behaviour may occur within area
Delphinus delphis Common Dolphin, Short-beaked Common Dolphin [60]		Species or species habitat may occur within area
Eubalaena australis Southern Right Whale [40]	Endangered	Species or species habitat known to occur within area
Grampus griseus Risso's Dolphin, Grampus [64]		Species or species habitat may occur within area
Lagenorhynchus obscurus Dusky Dolphin [43]		Species or species habitat may occur within area
Megaptera novaeangliae Humpback Whale [38]		Species or species habitat known to occur within area
Orcinus orca Killer Whale, Orca [46]		Species or species habitat likely to occur within area
Pseudorca crassidens False Killer Whale [48]		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	
Gippsland Lakes Coastal Park	Conservation Park	VIC	
Jack Smith Lake W.R	Natural Features Reserve	VIC	
Lake Denison W.R	Natural Features Reserve	VIC	
Ninety Mile Beach	Marine National Park	VIC	
Nooramunga Marine & Coastal Park	National Parks Act Schedule 4 park or reserve	VIC	
NOORAMUNGA STATE FAUNAL RESERVE	Nature Conservation Reserve	VIC	

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
Gippsland RFA	Victoria

Nationally Important Wetlands	[Resource Information]
Wetland Name	State
Corner Inlet	VIC
Jack Smith Lake State Game Reserve	VIC

EPBC Act Referrals				[Resource Information]
Title of referral	Reference	Referral Outcome	Assessment Status	
Aurora Green Offshore Wind Farm Preliminary Surveys	2024/09968		Completed	

Title of referral	Reference	Referral Outcome	Assessment Status
Blue Mackerel North Offshore Wind Farm Marine Surveys	2024/09934		Completed
Blue Marlin Offshore Wind Energy Project	2023/09532		Completed
Gippsland Dawn Offshore Wind Project Geophysical and Geotechnical Investigations	2024/10030		Referral Decision
Gippsland Offshore Wind Farm Marine Survey Investigations	2023/09682		Completed
Gippsland Skies Offshore Wind Project marine surveys (investigations)	2024/09991		Referral Decision
Greater Gippsland Offshore Wind Project	2022/09379		Assessment
Greater Gippsland Offshore Wind Project Initial Marine Field Investigations	2022/09374		Completed
Navigator North Offshore Wind Farm ? Early Marine Survey Investigations	2024/10093		Referral Decision
Preliminary Site Investigations for Great Eastern Offshore Wind Project	2024/09890		Referral Decision
Seadragon Offshore Wind, Early Marine Surveys	2023/09670		Completed
Seadragon Offshore Wind Farm	2022/9163		Completed
South East Australia Carbon Capture and Storage Project, Commonwealth waters	2023/09732		Completed
Controlled action			
Golden Beach Gas Project	2019/8513	Controlled Action	Post-Approval
Star of the South Offshore Wind Farm Project	2020/8650	Controlled Action	Guidelines Issued
Not controlled action			
2004/2005 drilling program for exploration and production (VIC 01-06, 09-11, 16, 18 & 19 and VIC/RL	2003/1282	Not Controlled Action	Completed
Development of Turrum Oil Field and associated infrastructure	2003/1204	Not Controlled Action	Completed

Title of referral	Reference	Referral Outcome	Assessment Status
Not controlled action			
Gippsland Basin Seismic Programme	2004/1866	Not Controlled Action	Completed
Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia	2015/7522	Not Controlled Action	Completed
INDIGO Central Submarine Telecommunications Cable	2017/8127	Not Controlled Action	Completed
West Triton Drilling Program - Gippsland Basin	2007/3915	Not Controlled Action	Completed
Not controlled action (particular manner)			
Apache 3D seismic exploration survey	2006/3146	Not Controlled Action (Particular Manner)	Post-Approval
Bream 3D seismic survey	2006/2556	Not Controlled Action (Particular Manner)	Post-Approval
Gas Pipeline	2000/20	Not Controlled Action (Particular Manner)	Post-Approval
Gippsland 2D Marine Seismic Survey - VIC/P-63, VIC/P-64 and T/46P	2009/5241	Not Controlled Action (Particular Manner)	Post-Approval
Golden Beach gas field development	2003/1031	Not Controlled Action (Particular Manner)	Post-Approval
INDIGO Marine Cable Route Survey (INDIGO)	2017/7996	Not Controlled Action (Particular Manner)	Post-Approval
Northern Fields 3D Seismic Survey	2001/140	Not Controlled Action (Particular Manner)	Post-Approval
Pelican 3D Marine Seismic Survey, Gippsland Basin, Vic	2017/8097	Not Controlled Action (Particular Manner)	Post-Approval
Seismic Survey	2001/206	Not Controlled Action (Particular Manner)	Post-Approval

Title of referral	Reference	Referral Outcome	Assessment Status
Not controlled action (particular manner)			
Soil and Organic Recycling Facility	2005/2216	Not Controlled Action (Particular Manner)	Post-Approval
Southern Flanks 2D Marine Seismic Survey	2010/5288	Not Controlled Action (Particular Manner)	Post-Approval

Biologically Important Areas	[Resource Information]
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Scientific Name	Behaviour	Presence
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Seabirds

Ardena tenuirostris Short-tailed Shearwater [82652]	Foraging	Known to occur
Diomedea exulans (sensu lato) Wandering Albatross [1073]	Foraging	Known to occur
Pelagodroma marina White-faced Storm-petrel [1016]	Foraging	Known to occur
Pelecanoides urinatrix Common Diving-petrel [1018]	Foraging	Known to occur
Thalassarche bulleri Bullers Albatross [64460]	Foraging	Known to occur
Thalassarche cauta cauta Shy Albatross [82345]	Foraging likely	Likely to occur
Thalassarche chlororhynchos bassi Indian Yellow-nosed Albatross [85249]	Foraging	Known to occur
Thalassarche melanophris Black-browed Albatross [66472]	Foraging	Known to occur
Thalassarche melanophris impavida Campbell Albatross [82449]	Foraging	Known to occur

Sharks

Carcharodon carcharias White Shark [64470]	Breeding (nursery area)	Known to occur
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Scientific Name	Behaviour	Presence
Whales		
Balaenoptera musculus brevicauda		
Pygmy Blue Whale [81317]	Foraging	Likely to be present

Bioregional Assessments		[Resource Information]
SubRegion	BioRegion	Website
Gippsland	Gippsland Basin	BA website

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.

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Appendix B

Victorian Biodiversity Atlas Search Results

VBA Search Flora Results

Legend	SITE_ID	TAXON_ID	SCI_NAME	COMM_NAME	AUTHORITY	SURVEYTYPE	RELIABILITY	TOTALCOUNT	COVERABUND	STARTDATE	LOCN_DESC	FFG_DESC	EPBC_DESC	FIRE_RESP	VIC_LF	NVIS_GF	LONG_DD94	LAT_DD94	ECOLOGY
FFG Listed	38013	501888	Lawrenzia spicata	Salt Lawrenzia	Hook.	Specimen	Acceptable	1 +		1986-06-14 0:00:00	1549478A Centre about 2 km ESE of MCLOUGHUNS BEACH	Endangered			Large herb	Forb	146.91797	-38.61514	
FFG Listed	38001	500345	Avicennia marina subsp. australasica	Grey Mangrove	(Walp.) J. Everett	Specimen	Acceptable	1 +		1986-06-14 0:00:00	1549454A Centre about 2 km ESE of MCLOUGHUNS BEACH	Endangered			Medium shrub	Shrub	146.91797	-38.61514	
FFG Listed	47728	501361	Poa billardierei	Coast Fescue	(Spreng.) St.-Yves	Specimen	Acceptable	1 +		1989-10-01 0:00:00	1589491A Centre about 4 km S of MANN'S BEACH	Endangered			Medium to small tufted graminoid	Tussock grass	146.78464	-38.68181	
FFG Listed	102149	504223	Lachnagrostis robusta	Salt Blown-grass	(Vickery) S.W.L. Jacobs	Specimen	Acceptable	1 +		1998-12-17 0:00:00	2133135A Centre about 1 km ENE of THE HONEYSUCKLES	Endangered			Medium to small tufted graminoid	Tussock grass	147.23018	-38.35125	
FFG Listed	38002	504717	Pomaderris apetala subsp. maritima	Tasman Pomaderris	N.G. Walsh & Coates	Specimen	Acceptable	1 +		1986-06-14 0:00:00	1549455A Centre about 2 km ESE of MCLOUGHUNS BEACH	Endangered			Medium shrub	Shrub	146.91797	-38.61514	Forest dependent

VBA Search Fauna Results

SITE_ID	TAXON_ID	SCI_NAME	COMM_NAME	SURVEYTYPE	RECORDTYPE	RELIABILITY	TOTALCOUNT	COUNT_ACC	START_YEAR	LOCN_DESC	FFG_DESC	EPBC_DESC	TREATY	TAXON_TYPE	LONG_DD94	LAT_DD94	ECOLOGY
575587	10089	Thalassarche carteri	Indian Yellow-nosed Albatross	Birds Australia incidental search	Observation	Acceptable		Present not counted	2000	Bass Strait 50km S of Seaspray	Endangered	Vulnerable	BONNA2S	Marine birds	147.22067	-38.79873	Coastal species
512905	11561	Eubalaena australis	Southern Right Whale	General observations	Pers. Comm.	Acceptable		2 Accurate	1991	Seaspray	Endangered	Endangered	BONNA1	Mammals	147.19649	-38.37791	Coastal species
1203811	10226	Haliaeetus leucogaster	White-bellied Sea-Eagle	Incidental	Seen	Acceptable		1 Accurate	2018	Woodside Beach VIC 3874 Woodside Beach,	Endangered			Other Non-passerine birds	146.98059	-38.55246	Coastal species. Forest d
1203811	10118	Sternula nereis	Fairy Tern	Incidental	Seen	Acceptable		4 Accurate	2018	Woodside Beach VIC 3874 Woodside Beach,	Critically Endangered	Vulnerable		Waders	146.98059	-38.55246	Coastal species
575588	10937	Macronectes halli	Northern Giant-Petrel	Birds Australia incidental search	Observation	Acceptable		Present not counted	2000	Bass Strait	Endangered	Vulnerable	BONNA2S	Marine birds	147.22182	-38.79693	Coastal species
575587	10091	Thalassarche cauta	Shy Albatross	Birds Australia incidental search	Observation	Acceptable		Present not counted	2000	Bass Strait 50km S of Seaspray	Endangered	Endangered	BONNA2S	Marine birds	147.22067	-38.79873	Coastal species
1203811	10112	Hydroprogne caspia	Caspian Tern	Bird transect	Seen	Acceptable		Present not counted	2019	Woodside Beach VIC 3874 Woodside Beach,	Vulnerable		JAMBA	Waders	146.98059	-38.55246	Coastal species
510074	12013	Dermochelys coriacea	Leathery Turtle	General observations	Observation	Acceptable		1 Accurate	1991	20k.S.of Omega Tower at Woodside E. of Wi	Critically Endangered	Endangered	BONNA1	Reptiles	146.98461	-38.73405	Coastal species
512961	11546	Mirounga leonina	Southern Elephant Seal	General observations	Seen	Acceptable		1 Accurate	1992	Flamingo Beach		Vulnerable		Mammals	147.30489	-38.29206	Coastal species
575588	10091	Thalassarche cauta	Shy Albatross	Birds Australia incidental search	Observation	Acceptable		Present not counted	2000	Bass Strait	Endangered	Endangered	BONNA2S	Marine birds	147.22182	-38.79693	Coastal species
652898	10118	Sternula nereis	Fairy Tern	General observations	Monitored species	Acceptable		Present not counted	2010	Corner Inlet Dream Island	Critically Endangered	Vulnerable		Waders	146.83631	-38.67722	Coastal species
575006	10138	Thinornis cucullatus	Hooded Plover	Birds Australia 500m area search	Observation	Acceptable		Present not counted	1999	Box Bank 8km E of Manns Beach	Vulnerable	Vulnerable		Waders	146.85244	-38.66457	Coastal species
652898	10118	Sternula nereis	Fairy Tern	General observations	Seen	Acceptable		25 Estimate (single value)	1979	Corner Inlet Dream Island	Critically Endangered	Vulnerable		Waders	146.83631	-38.67722	Coastal species
575006	10226	Haliaeetus leucogaster	White-bellied Sea-Eagle	Birds Australia 500m area search	Observation	Acceptable		Present not counted	1999	Box Bank 8km E of Manns Beach	Endangered			Other Non-passerine birds	146.85244	-38.66457	Coastal species. Forest d
1203811	10112	Hydroprogne caspia	Caspian Tern	Incidental	Seen	Acceptable		1 Accurate	2019	Woodside Beach VIC 3874 Woodside Beach,	Vulnerable		JAMBA	Waders	146.98059	-38.55246	Coastal species
1307195	10138	Thinornis cucullatus	Hooded Plover	Bird count	Observation	Acceptable		1 Accurate	2018	Dream Island Dream Island	Vulnerable	Vulnerable		Waders	146.8419	-38.6733	Coastal species
1088023	11561	Eubalaena australis	Southern Right Whale	Southern Right Whale Monitoring	Seen	Acceptable		1 Accurate	2017	Woodside Woodside	Endangered	Endangered	BONNA1	Mammals	146.985	-38.559	Coastal species
1203811	10112	Hydroprogne caspia	Caspian Tern	Incidental	Seen	Acceptable		2 Accurate	2018	Woodside Beach VIC 3874 Woodside Beach,	Vulnerable		JAMBA	Waders	146.98059	-38.55246	Coastal species
1203811	10112	Hydroprogne caspia	Caspian Tern	Incidental	Seen	Acceptable		Present not counted	2019	Woodside Beach VIC 3874 Woodside Beach,	Vulnerable		JAMBA	Waders	146.98059	-38.55246	Coastal species
575588	10088	Thalassarche melanophris	Black-browed Albatross	Birds Australia incidental search	Observation	Acceptable		Present not counted	2000	Bass Strait		Vulnerable	BONNA2SR	Marine birds	147.22182	-38.79693	Coastal species
575587	10088	Thalassarche melanophris	Black-browed Albatross	Birds Australia incidental search	Observation	Acceptable		Present not counted	2000	Bass Strait 50km S of Seaspray		Vulnerable	BONNA2SR	Marine birds	147.22067	-38.79873	Coastal species
575588	10089	Thalassarche carteri	Indian Yellow-nosed Albatross	Birds Australia incidental search	Observation	Acceptable		Present not counted	2000	Bass Strait	Endangered	Vulnerable	BONNA2S	Marine birds	147.22182	-38.79693	Coastal species
1203811	10112	Hydroprogne caspia	Caspian Tern	Bird transect	Seen	Acceptable		1 Accurate	2018	Woodside Beach VIC 3874 Woodside Beach,	Vulnerable		JAMBA	Waders	146.98059	-38.55246	Coastal species
1203811	10112	Hydroprogne caspia	Caspian Tern	Incidental	Seen	Acceptable		1 Accurate	2019	Woodside Beach VIC 3874 Woodside Beach,	Vulnerable		JAMBA	Waders	146.98059	-38.55246	Coastal species
652898	10118	Sternula nereis	Fairy Tern	General observations	Literature	Acceptable		Present not counted	2013	Corner Inlet Dream Island	Critically Endangered	Vulnerable		Waders	146.83631	-38.67722	Coastal species
512858	10185	Egretta garzetta	Little Egret	General observations	Seen	Acceptable		6 Accurate	2002	Jack Smith Lake	Endangered			Other Non-passerine birds	147.09129	-38.47808	Coastal species. Forest d
575006	10153	Limosa lapponica	Bar-tailed Godwit	Birds Australia 500m area search	Observation	Acceptable		Present not counted	1999	Box Bank 8km E of Manns Beach	Vulnerable	Endangered	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	146.85244	-38.66457	Coastal species
512858	10217	Biziura lobata	Musk Duck	General observations	Seen	Acceptable		10 Accurate	2002	Jack Smith Lake	Vulnerable			Other Non-passerine birds	147.09129	-38.47808	
1682361	11575	Megaptera novaeangliae australis	Southern Humpback Whale	Southern Right Whale Monitoring	Seen	Acceptable		1 Accurate	2020	Dream Island Beach 500m off Dream Island	Critically Endangered		BONNA1	Mammals	146.8673	-38.6578	Coastal species
652898	10118	Sternula nereis	Fairy Tern	General observations	Monitored species	Acceptable		Present not counted	2005	Corner Inlet Dream Island	Critically Endangered	Vulnerable		Waders	146.83631	-38.67722	Coastal species
512986	11561	Eubalaena australis	Southern Right Whale	General observations	Pers. Comm.	Acceptable		2 Accurate	1991	N of pipeline jetty: Dutson Downs	Endangered	Endangered	BONNA1	Mammals	147.37892	-38.23327	Coastal species
427046	10164	Calidris canutus	Red Knot	Incidental	Observation	Acceptable		Present not counted	1981	THE HONEYSUCKLES	Endangered	Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	Coastal species
427046	10185	Egretta garzetta	Little Egret	Incidental	Observation	Acceptable		Present not counted	1980	THE HONEYSUCKLES	Endangered			Other Non-passerine birds	147.2513	-38.41514	Coastal species. Forest d
434563	10163	Calidris acuminata	Sharp-tailed Sandpiper	Incidental	Observation	Acceptable		Present not counted	1972	10' BLOCK CONTAINING THE HONEYSUCKLES		Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.33463	-38.49847	
532000	11455	Pseudomys novaeollandiae	New Holland Mouse	Cage trap	Museum specimen	Confirmed		1 Accurate	1977	4KM SSW OF MCLOUGHLINS BEACH	Endangered	Vulnerable		Mammals	146.85964	-38.65681	Forest dependent
427047	10164	Calidris canutus	Red Knot	Incidental	Observation	Acceptable		Present not counted	1977	THE HONEYSUCKLES	Endangered	Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.20963	-38.37347	Coastal species
427048	10129	Arenaria interpres	Ruddy Turnstone	Incidental	Observation	Acceptable		Present not counted	1977	JACK SMITHS LAKE	Endangered	Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.04297	-38.54014	Coastal species
473556	10138	Thinornis cucullatus	Hooded Plover	Incidental	Observation	Acceptable		1 Accurate	2002	90 Mile Beach Rotamah Island to Seaspra	Vulnerable	Vulnerable		Waders	147.41796	-38.24847	Coastal species
427046	10136	Pluvialis squatarola	Grey Plover	Incidental	Observation	Acceptable		Present not counted	1981	THE HONEYSUCKLES	Vulnerable	Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	Coastal species
841578	11561	Eubalaena australis	Southern Right Whale	Southern Right Whale Monitoring	Seen	Acceptable		3 Accurate	2020	Seaspray Seaspray	Endangered	Endangered	BONNA1	Mammals	147.19649	-38.37791	Coastal species
607905	10138	Thinornis cucullatus	Hooded Plover	General observations	Seen	Acceptable		2 Accurate	2007	THE BLUE HOLE, JACK SMITH LAKE STATE GA	Vulnerable	Vulnerable		Waders	147.0738	-38.47181	Coastal species
1557151	11617	Tursiops australis	Burrunan Dolphin	Incidental	Seen	Acceptable		1 Accurate	2003	Thomson River, Sale Thomson River, Sale	Critically Endangered			Mammals	147.3205	-38.27742	Coastal species
434563	10118	Sternula nereis	Fairy Tern	Incidental	Observation with supporting evidence	Confirmed		Present not counted	1972	10' BLOCK CONTAINING THE HONEYSUCKLES	Critically Endangered	Vulnerable		Waders	147.33463	-38.49847	Coastal species
427046	10163	Calidris acuminata	Sharp-tailed Sandpiper	Incidental	Observation	Acceptable		Present not counted	1981	THE HONEYSUCKLES		Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	
434563	10226	Haliaeetus leucogaster	White-bellied Sea-Eagle	Incidental	Observation	Acceptable		Present not counted	1972	10' BLOCK CONTAINING THE HONEYSUCKLES	Endangered			Other Non-passerine birds	147.33463	-38.49847	Coastal species. Forest d
468151	10305	Neophema chrysogaster	Orange-bellied Parrot	General observations	Museum specimen	Confirmed		1 Accurate	1952	10' BLOCK CONTAINING MCLOUGHLINS BEA	Critically Endangered	Critically Endangered	BONNA2H,CAMBA,JAMBA,ROKAMBA	Other Non-passerine birds	146.91797	-38.66514	Coastal species
427046	10161	Calidris ferruginea	Curlew Sandpiper	Incidental	Observation	Acceptable		Present not counted	1977	THE HONEYSUCKLES	Critically Endangered	Critically Endangered	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	Coastal species
841578	11561	Eubalaena australis	Southern Right Whale	Southern Right Whale Monitoring	Seen	Acceptable		1 Accurate	2021	Seaspray Seaspray	Endangered	Endangered	BONNA1	Mammals	147.19649	-38.37791	Coastal species
473556	10138	Thinornis cucullatus	Hooded Plover	Incidental	Observation	Acceptable		2 Accurate	2002	90 Mile Beach Rotamah Island to Seaspra	Vulnerable	Vulnerable		Waders	147.41796	-38.24847	Coastal species
532000	11455	Pseudomys novaeollandiae	New Holland Mouse	Cage trap	Museum specimen	Confirmed		1 Accurate	1977	4KM SSW OF MCLOUGHLINS BEACH	Endangered	Vulnerable		Mammals	146.85964	-38.65681	Forest dependent
470125	11561	Eubalaena australis	Southern Right Whale	General observations	Seen	Confirmed		2 Accurate	1993	23 km SW of Seaspray	Endangered	Endangered	BONNA1	Mammals	147.00963	-38.54014	Coastal species
427046	10158	Tringa nebularia	Common Greenshank	Incidental	Observation	Acceptable		Present not counted	1981	THE HONEYSUCKLES	Endangered	Endangered	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	Coastal species
427037	10334	Hirundapus caudacutus	White-throated Needletail	Incidental	Observation	Acceptable		Present not counted	1978	GOLDEN BEACH	Vulnerable	Vulnerable	CAMBA,JAMBA,ROKAMBA	Other Non-passerine birds	147.41796	-38.24847	
1557376	11575	Megaptera novaeangliae australis	Southern Humpback Whale	Incidental	Seen	Acceptable		1 Accurate	2014	Dream Island Dream Island	Critically Endangered		BONNA1	Mammals	146.86477	-38.6834	Coastal species
841578	11561	Eubalaena australis	Southern Right Whale	Southern Right Whale Monitoring	Seen	Acceptable		4	2015	Seaspray Seaspray	Endangered	Endangered	BONNA1	Mammals	147.19649	-38.37791	Coastal species
427046	10163	Calidris acuminata	Sharp-tailed Sandpiper	Incidental	Observation	Acceptable		Present not counted	1981	THE HONEYSUCKLES		Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	
427037	10334	Hirundapus caudacutus	White-throated Needletail	Incidental	Observation	Acceptable		Present not counted	1978	GOLDEN BEACH	Vulnerable	Vulnerable	CAMBA,JAMBA,ROKAMBA	Other Non-passerine birds	147.41796	-38.24847	
841578	11561	Eubalaena australis	Southern Right Whale	Southern Right Whale Monitoring	Seen	Acceptable		2 Accurate	2020	Seaspray Seaspray	Endangered	Endangered	BONNA1	Mammals	147.19649	-38.37791	Coastal species
427046	10158	Tringa nebularia	Common Greenshank	Incidental	Observation	Acceptable		Present not counted	1980	THE HONEYSUCKLES	Endangered	Endangered	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	Coastal species
841578	11561	Eubalaena australis	Southern Right Whale	Southern Right Whale Monitoring	Seen	Acceptable		2 Accurate	2020	Seaspray Seaspray	Endangered	Endangered	BONNA1	Mammals	147.19649	-38.37791	Coastal species
434563	10137	Pluvialis fulva	Pacific Golden Plover	Incidental	Observation	Acceptable		Present not counted	1972	10' BLOCK CONTAINING THE HONEYSUCKLES	Vulnerable		BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.33463	-38.49847	Coastal species
470125	11561	Eubalaena australis	Southern Right Whale	General observations	Seen	Confirmed		2 Accurate	1993	23 km SW of Seaspray	Endangered	Endangered	BONNA1	Mammals	147.00963	-38.54014	Coastal species
427046	10217	Biziura lobata	Musk Duck	Incidental	Observation	Acceptable		Present not counted	1978	THE HONEYSUCKLES	Vulnerable			Other Non-passerine birds	147.2513	-38.41514	
427048	10163	Calidris acuminata	Sharp-tailed Sandpiper	Incidental	Observation	Acceptable		Present not counted	1977	JACK SMITHS LAKE		Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.04297	-38.54014	
427046	10159	Tringa stagnatilis	Marsh Sandpiper	Incidental	Observation	Acceptable		Present not counted	1981	THE HONEYSUCKLES	Endangered			Waders	147.2513	-38.41514	
532000	11455	Pseudomys novaeollandiae	New Holland Mouse	Cage trap	Captured and released	Confirmed		2 Accurate	1977	4KM SSW OF MCLOUGHLINS BEACH	Endangered	Vulnerable		Mammals	146.85964	-38.65681	Forest dependent
426998	10112	Hydroprogne caspia	Caspian Tern	Incidental	Observation	Acceptable		Present not counted	1977	BLIND INLET	Vulnerable		JAMBA	Waders	146.87631	-38.70681	Coastal species
434563	10153	Limosa lapponica	Bar-tailed Godwit	Incidental	Observation	Acceptable		Present not counted	1972	10' BLOCK CONTAINING THE HONEYSUCKLES	Vulnerable	Endangered	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.33463	-38.49847	Coastal species
427046	10164	Calidris canutus	Red Knot	Incidental	Observation	Acceptable		Present not counted	1981	THE HONEYSUCKLES	Endangered	Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	Coastal species
528798	11455	Pseudomys novaeollandiae	New Holland Mouse	General observations	Observation	Confirmed		10 Accurate	1978	8.5 KM SW	Endangered	Vulnerable		Mammals	146.89297	-38.64014	Forest dependent
434563	10165	Calidris tenuirostris	Great Knot	Incidental	Observation with supporting evidence	Confirmed		Present not counted	1972	10' BLOCK CONTAINING THE HONEYSUCKLES	Critically Endangered	Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.33463	-38.49847	Coastal species
470120	11561	Eubalaena australis	Southern Right Whale	General observations	Seen	Acceptable		2 Accurate	1993	3 km NE of Seaspray	Endangered	Endangered	BONNA1	Mammals	147.22629	-38.37347	Coastal species
427046	10158	Tringa nebularia	Common Greenshank	Incidental	Observation	Acceptable		Present not counted	1980	THE HONEYSUCKLES	Endangered	Endangered	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	Coastal species
427037	10226	Haliaeetus leucogaster	White-bellied Sea-Eagle	Incidental	Observation	Acceptable		Present not counted	1980</								

434563	10112	Hydroprogne caspia	Caspian Tern	Incidental	Observation	Acceptable	Present not counted	1972 10' BLOCK CONTAINING THE HONEYSUCKLE!	Vulnerable		JAMBA	Waders	147.33463	-38.49847	Coastal species
427037	10112	Hydroprogne caspia	Caspian Tern	Incidental	Observation	Acceptable	Present not counted	1980 GOLDEN BEACH	Vulnerable		JAMBA	Waders	147.41796	-38.24847	Coastal species
427046	10164	Calidris canutus	Red Knot	Incidental	Observation	Acceptable	Present not counted	1981 THE HONEYSUCKLES	Endangered	Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	Coastal species
427046	10226	Haliaeetus leucogaster	White-bellied Sea-Eagle	Incidental	Observation	Acceptable	Present not counted	1980 THE HONEYSUCKLES	Endangered			Other Non-passerine birds	147.2513	-38.41514	Coastal species. Forest d
540627	11455	Pseudomys novaehollandiae	New Holland Mouse	Incidental	Museum specimen	Acceptable	Present not counted	1977 MANN'S CHANNEL	Endangered	Vulnerable		Mammals	146.85131	-38.68181	Forest dependent
473819	13207	Litoria raniformis	Growling Grass Frog	Incidental	Literature	Acceptable	Present not counted	1788 THE HONEYSUCKLES	Vulnerable	Vulnerable		Amphibians	147.20963	-38.37347	
422093	4874	Macquaria australasica	Macquarie Perch	Unknown		Acceptable	Present not counted	1926 Not Supplied	Endangered	Endangered		Fish	147.04297	-38.54014	Forest dependent
427047	10163	Calidris acuminata	Sharp-tailed Sandpiper	Incidental	Observation	Acceptable	Present not counted	1977 THE HONEYSUCKLES	Vulnerable		BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.20963	-38.37347	
427046	10168	Gallinago hardwickii	Latham's Snipe	Incidental	Observation	Acceptable	Present not counted	1980 THE HONEYSUCKLES	Vulnerable		BONNA2H,JAMBA,ROKAMBA	Other Non-passerine birds	147.2513	-38.41514	Coastal species
434563	10070	Ardenna grisea	Sooty Shearwater	Incidental	Observation with supporting evidence	Confirmed	Present not counted	1972 10' BLOCK CONTAINING THE HONEYSUCKLES	Vulnerable		JAMBA	Marine birds	147.33463	-38.49847	
528798	11455	Pseudomys novaehollandiae	New Holland Mouse	General observations	Observation	Confirmed	15 Accurate	1977 8.5 KM SW	Endangered	Vulnerable		Mammals	146.89297	-38.64014	Forest dependent
426998	10129	Arenaria interpres	Ruddy Turnstone	Incidental	Observation	Acceptable	Present not counted	1977 BLIND INLET	Endangered	Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	146.87631	-38.70681	Coastal species
841578	11561	Eubalaena australis	Southern Right Whale	Southern Right Whale Monitoring	Seen	Acceptable	2 Accurate	2017 Seaspray Seaspray	Endangered	Endangered	BONNA1	Mammals	147.19649	-38.37791	Coastal species
434567	10974	Diomedea epomophora	Southern Royal Albatross	Incidental	Observation	Acceptable	Present not counted	1974 SEASPRAY	Critically Endangered	Vulnerable		Marine birds	147.26796	-38.46514	Coastal species
426998	10163	Calidris acuminata	Sharp-tailed Sandpiper	Incidental	Observation	Acceptable	Present not counted	1977 BLIND INLET		Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	146.87631	-38.70681	
427046	10163	Calidris acuminata	Sharp-tailed Sandpiper	Incidental	Observation	Acceptable	Present not counted	1980 THE HONEYSUCKLES		Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	
427046	10161	Calidris ferruginea	Curlew Sandpiper	Incidental	Observation	Acceptable	Present not counted	1980 THE HONEYSUCKLES	Critically Endangered	Critically Endangered	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	Coastal species
427046	10163	Calidris acuminata	Sharp-tailed Sandpiper	Incidental	Observation	Acceptable	Present not counted	1981 THE HONEYSUCKLES		Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	
1303371	11561	Eubalaena australis	Southern Right Whale	General observations	Seen	Acceptable	3 Accurate	2020 Seaspray Seaspray - South Gippsland	Endangered	Endangered	BONNA1	Mammals	147.2006	-38.3824	Coastal species
426998	10165	Calidris tenuirostris	Great Knot	Incidental	Observation	Acceptable	Present not counted	1977 BLIND INLET	Critically Endangered	Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	146.87631	-38.70681	Coastal species
427037	10504	Pyrrholaemus sagittatus	Speckled Warbler	Incidental	Observation	Acceptable	Present not counted	1978 GOLDEN BEACH	Endangered			Passerine birds	147.41796	-38.24847	Forest dependent
427046	10161	Calidris ferruginea	Curlew Sandpiper	Incidental	Observation	Acceptable	Present not counted	1981 THE HONEYSUCKLES	Critically Endangered	Critically Endangered	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	Coastal species
426998	10139	Charadrius mongolus	Lesser Sand Plover	Incidental	Observation	Acceptable	Present not counted	1977 BLIND INLET	Endangered	Endangered	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	146.87631	-38.70681	Coastal species
427047	10161	Calidris ferruginea	Curlew Sandpiper	Incidental	Observation	Acceptable	Present not counted	1977 THE HONEYSUCKLES	Critically Endangered	Critically Endangered	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.20963	-38.37347	Coastal species
434565	10070	Ardenna grisea	Sooty Shearwater	Incidental	Observation	Acceptable	Present not counted	1955 5' BLOCK CONTAINING THE HONEYSUCKLES		Vulnerable	JAMBA	Marine birds	147.2263	-38.42347	
427047	10212	Spatula rhynchotis	Australasian Shoveler	Incidental	Observation	Acceptable	Present not counted	1977 THE HONEYSUCKLES	Vulnerable			Other Non-passerine birds	147.20963	-38.37347	Coastal species
427048	10212	Spatula rhynchotis	Australasian Shoveler	Incidental	Observation	Acceptable	Present not counted	1977 JACK SMITH'S LAKE				Other Non-passerine birds	147.04297	-38.54014	Coastal species
427046	10117	Sternula albifrons	Little Tern	Incidental	Observation	Acceptable	Present not counted	1980 THE HONEYSUCKLES	Critically Endangered	Vulnerable	BONNA2S,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	Coastal species
427046	10117	Sternula albifrons	Little Tern	Incidental	Observation	Acceptable	Present not counted	1981 THE HONEYSUCKLES	Critically Endangered	Vulnerable	BONNA2S,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	Coastal species

Appendix C

Victorian FeAST Assessment

FeAST Assessment

Blue Mackerel - Preliminary Marine Assessment

The Feature Act v t y Sens t v t y Too (FeAST) prov des a rap d f rst pass env ronmenta r sk assessment for proposed act v t es (deve opment, use or works) n V ctor an mar ne and coasta env ronments. FeAST ass sts w th the pre m nary screen ng of r sk and does not rep ace the need for more deta ed env ronmenta or eco og ca assessments.

FeAST uses the best ava abe nformat on from [CoastKit](#) to perform a desktop based assessment. The too eva uates the proposa's potent a env ronmenta mpacts on mar ne and coasta hab tats and prov des tab ed sts of nearby features for further nvest gat on. The report has f ve sect ons:

1. **Pressure score:** Th s f rst step dent f es a the pressures key to ar se from the se ected act v t es and eva uates the ntens ty. The Pressure score nd cates the potent a effect that each act v t y may have on the ecosystem under norma cond t ons.
2. **Habitat score:** Th s s the second step n ca cu at ng the overa FeAST score. Th s score prov des a tota sens t v t y va ue for each hab tat type w th n the def ned project area for pressures w th a med um or h gh Pressure score. The sens t v t y s a measure of the hab tat's response to the act v t es n terms of ts ab ty to res st or recover from mpact.
3. **FeAST score:** Th s f na score prov des overa r sk eve s for the proposa, eva uat ng the Hab tat scores and Pressure scores aga nst the est mated exposure eve . The exposure eve s determ ned by ca cu at ng the spat a over ap of the def ned project area w th the hab tat's known d str but on.
4. **Marine Biodiversity Values (MBV):** Th s ana ys s nd cates how much of the proposa ntersects w th h gh b od vers ty va ue areas and sts the assoc ated spec es key to occur.
5. **Proximity analysis:** Th s prov des tab es of the key mar ne and coasta features ocated d rect y w th n the def ned project area or w th n a 2km buffer from the project boundary.

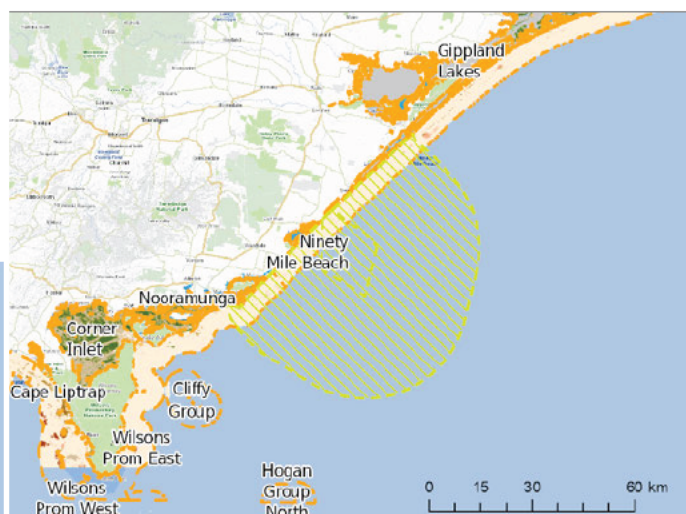
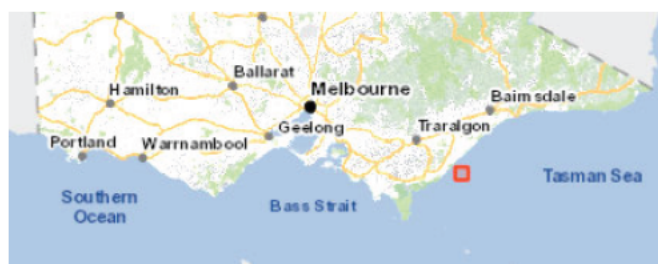
The FeAST report outputs shou d be cons dered n the context of the m tat ons of the too and a re evant eg s at on, po cy, and adv ce. Pease refer to the [FeAST Gu de nes](#) for more nformat on.

Proposal activities

Offshore wind - Construction

Location of proposal

Defined project area	3408.512 km ²
Biounits	Wilson's Prom East and Ninety Mile Beach
Nearest Locality	Manns Beach and Woodside
Registered Aboriginal Party	Gunaikurnai Land And Waters Aboriginal Corporation



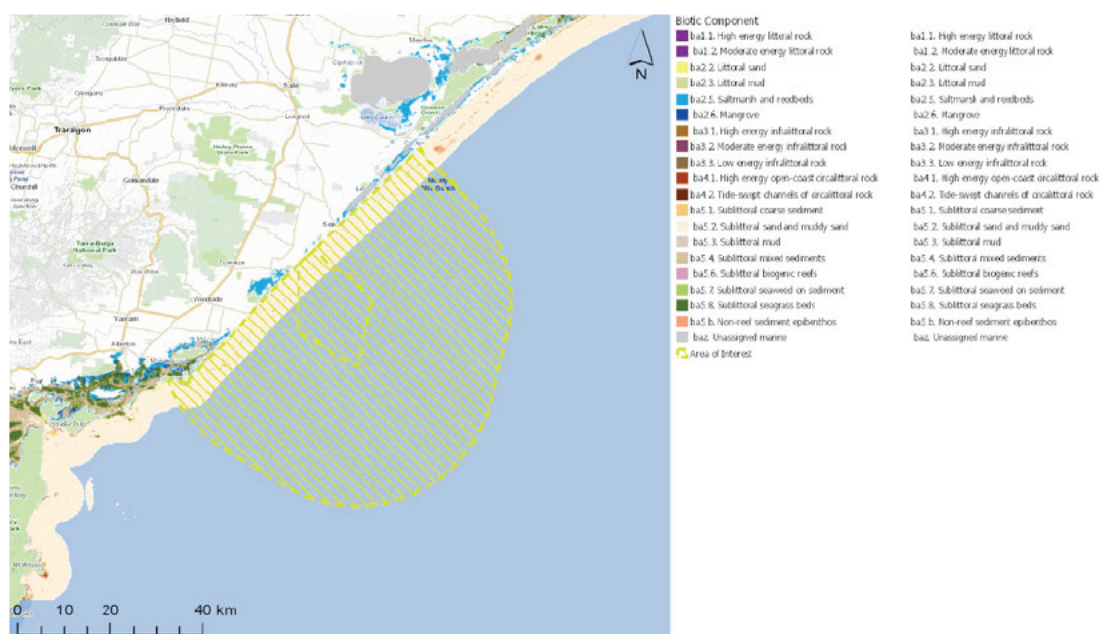
FeAST results summary

Number of high and medium pressures across all proposal activities 18

Pressure score High Medium

Abrasion to seabed	Change of seabed type	Change of sediment type	Light siltation or smothering	Penetration to seabed substrates
Underwater noise	Visual disturbance	Water clarity changes	Above water noise	Barrier to species movement
Collision above water	Collision below water	Hydrocarbon contamination	Introduction of light	Invasive species
Litter	Vibration	Water flow changes		

Number of unique habitat types in the defined project area 6



Legend						
Habitat type	Littoral sand	High energy littoral rock	High energy infralittoral rock	Sublittoral sand and muddy sand	Sublittoral seagrass beds	Non-reef sediment epibenthos
FeAST Score	Low risk	Low risk	Low risk	Medium risk	Medium risk	Medium risk

1. Pressure score

Activities can exert multiple impacts, hazards or threats on the environment resulting in physical, biological or chemical changes, these are referred to as pressures in FeAST. In this step, each pressure is profiled for intensity, which is based on the potential ecological effect and then scored from low to high, where applicable. The Pressure score acts as a screening process to remove pressures of least concern from the FeAST assessment (see table).

When multiple activities have been selected, the Pressure score analysis adopts a precautionary approach and takes the worst or highest intensity score across the activities as the Pressure score. The spatial location and area of the proposal is not factored into the analysis in this step.

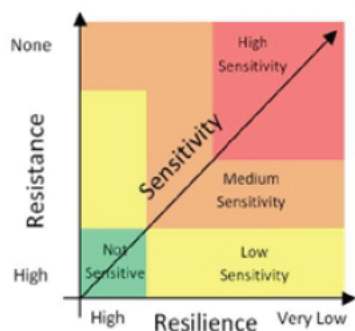
Intensity	Potential ecological effect	Assessment in FeAST
High	Ecosystem functional change	Included in the FeAST assessment, with the highest score across activities used as the Pressure score
Medium	Populations and communities will shift a distinct event	
Low	Some noticeable change	Excluded from the FeAST assessment
NA	Not applicable	

		Activity
Pressures	Offshore wind - Construction	Pressure score
Abrasion to seabed	High	High
Change of seabed type	High	High
Change of sediment type	High	High
Light siltation or smothering	High	High
Penetration to seabed substrates	High	High
Underwater noise	High	High
Visual disturbance	High	High
Water clarity changes	High	High
Above water noise	Medium	Medium
Barrier to species movement	Medium	Medium
Collision above water	Medium	Medium
Collision below water	Medium	Medium
Hydrocarbon contamination	Medium	Medium
Introduction of light	Medium	Medium
Invasive species	Medium	Medium
Litter	Medium	Medium
Vibration	Medium	Medium
Water flow changes	Medium	Medium

2. Habitat score

This step evaluates the sensitivity of specific habitats, which occur within the defined project area, to each of the relevant and screened activity-induced pressures. Sensitivity is calculated by determining the resilience, which measures the likelihood of the habitat to tolerate change, versus the resilience of the habitat to adapt and recover once the pressure has ceased (see diagram).

The Habitat score provides an indication of the overall sensitivity of each habitat type to the proposal, this incorporates the combined effect of the screened pressures across a selected activities. Each habitat is assigned a value from low to high, and none when a pressure poses no threat. The Habitat scores are calculated as a percentage, where a 100% score would indicate that a habitat type has a high sensitivity to the proposal (see table).



Habitat Score	Very Low	Low	Medium	High
Percentage	<55%	55- 70%	70- 85%	85-100%

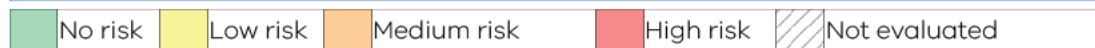
Legend						
Pressure	High Energy Littoral Rock	Littoral Sand	High Energy Infralittoral Rock	Sublittoral Sand And Muddy Sand	Sublittoral Seagrass Beds	Non-Reef Sediment Epibenthos
Change of seabed type	H gh	Med um	Med um	Med um	H gh	H gh
Abrasion to seabed	H gh	Low	Med um	Low	H gh	Med um
Penetration to seabed substrates	H gh	Low	Med um	Low	H gh	H gh
Visual disturbance	Med um	None	None	None	None	None
Water clarity changes	Med um	Low	Med um	Low	H gh	Med um
Change of sediment type	None	Med um	None	Med um	H gh	H gh
Light siltation or smothering	Low	None	None	None	Low	None
Invasive species	H gh	H gh	H gh	H gh	H gh	H gh
Hydrocarbon contamination	H gh	None	Med um	None	None	None
Water flow changes	None	Med um	Med um	Med um	H gh	H gh
Litter	H gh	None	None	None	None	None
Above water noise	Low	None	None	None	None	None
Habitat score	Med um (82%)	Med um (74%)	Med um (83%)	Med um (74%)	H gh (95%)	H gh (94%)

3. FeAST score

The FeAST score is the final step in the FeAST assessment and provides an indication of the overall risk posed by the proposed to the habitats within the defined project area. The FeAST score evaluates the level of exposure against the Habitat score.

The exposure level estimates the disturbance and distinctiveness of each habitat to determine the proportional impact of the proposed, which is considered in the context of the 26 Victorian boundaries. This is determined by calculating the habitat area impacted by the defined project area against the total habitat area across the relevant boundary to produce a percentage. In cases where the defined project area may cross two boundary boundaries, a precautionary approach is taken, and the highest FeAST score is used.

The map below displays the FeAST score for each habitat in the defined project area.



FeAST Assessment	High energy littoral rock	Littoral sand	High energy infralittoral rock	Sublittoral sand and muddy sand	Sublittoral seagrass beds	Non-reef sediment epibenthos
Habitat Score	Medium	Medium	Medium	Medium	High	High
Exposure Level for biounit: <u>Wilsons Prom East</u>	Low	Low	Low	Low	Low	
Exposure Level for biounit: <u>Ninety Mile Beach</u>	Low	Low	Low	Medium		Low
Feast score for biounit: <u>Wilsons Prom East</u>	Low risk	Low risk	Low risk	Low risk	Medium risk	
Feast score for biounit: <u>Ninety Mile Beach</u>	Low risk	Low risk	Low risk	Medium risk		Medium risk
FeAST score	Low risk	Low risk	Low risk	Medium risk	Medium risk	Medium risk

4. Marine Biodiversity Values (MBV)

The MBV analysis draws on information displayed in the MBV map (2024), to provide a summary for the MBV Assessment Area which contains the defined project area.

The MBV map has been created for Victorian Coastal Waters and assesses 263 marine and coastal biodiversity features, these include:

- Listed species and communities (FFG Act Flora and Fauna Guarantee Act 1988 (Vic) and EPBC Act Environment Protection and Biodiversity Conservation Act 1999 (Commonwealth)).
- Habitat features (marine habitat complexes mapped).
- Key biodiversity features (important culturally, economically, ecologically, or socially).

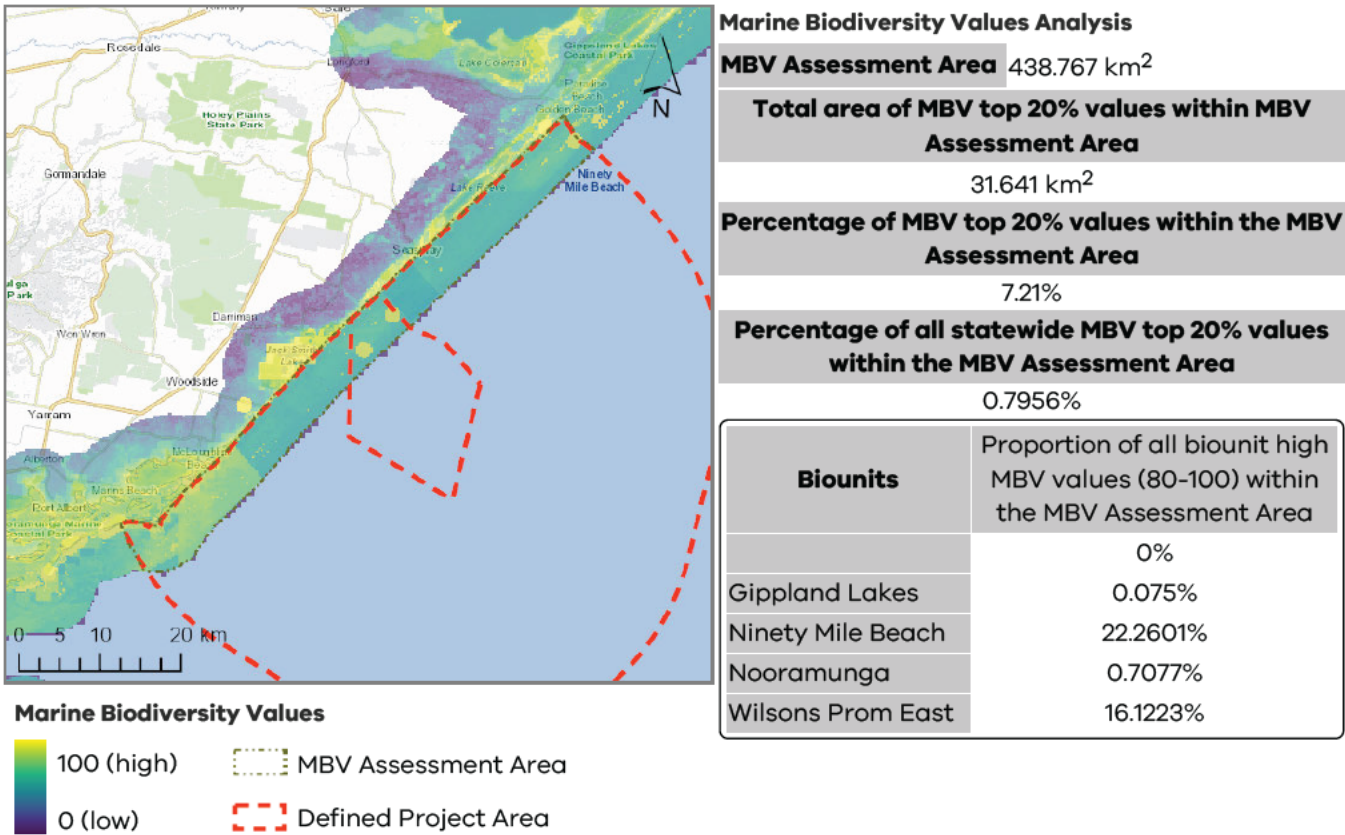
The MBV map shows areas of low to high biodiversity values across 225m grid cells, ranked from 0-100. The MBV ranked value has been assigned per grid cell, the MBV analysis cannot generate results for parts of cells so results are provided for whole cells. This area is referred to as the **MBV Assessment Area**, it represents all the cells that the defined project area overlaps with, this area may be larger than the defined project area. The MBV map layer is displayed on [CoastKit](#). Please refer to the [MBV webpage](#) for more information.

The **MBV Spatial Assessment** provides an indication of how much of the highest ranked (80-100) marine biodiversity values overlap with the MBV Assessment Area. These high value locations represent areas that support a broad range of biodiversity features and/or are important for rare or threatened species. As a result, these are priority areas for avoiding impacts to where possible.

The **MBV Species Assessment** provides an indication of how many species of the 217 mapped for the MBV are likely to occur within the MBV Assessment Area. This analysis does not include other features included in the MBV such as habitat or key features.

MBV Spatial Assessment

The map below shows the MBV ranked value for each cell using a continuous colour scale from 0 (purple) to 100 (yellow), the defined project area (dashed red line) and the MBV Assessment Area (dashed black line). The analysis below has been calculated for the MBV Assessment Area, the sum of all of the cells that the defined project area overlaps with. The statistics provide information on the total area and percentage of high MBV areas within the MBV Assessment Area, as well as the proportion overlap at a statewide and biounit level.



MBV Species Assessment

Of the 263 biodiversity features included in the MBV map, only 206 species are included in the MBV Species Assessment. This analysis provides an indication of which of these species are likely to occur within the MBV Assessment Area. The full list of MBV

features that were assessed to create the MBV map should be considered.

The table provides the common and scientific name, FFG Act threatened status, Taxa group and Taxa, and the MBV Proportion. The MBV proportion is the percentage of the species statewide extent that overlaps with the MBV Assessment Area, only species with a MBV Proportion greater than 0.001% are shown. Species with a MBV Proportion less than this number are listed beneath the table.

Common Name	Scientific Name	MBV Proportion	FFG Status	Taxa Type
Whale Shark	Rhincodon typus	17.5297%		Fish
Traw Pipefish	Kimbaeus bassensis	11.8314%		Fish
Great White Shark	Carcharodon carcharias	9.1348%	Endangered	Fish
Butterfly Seahorse	Hippocampus minotaur	7.859%		Fish
Australian Long-nosed Pipefish	Vanacampus poecilodermus	7.5048%		Fish
Tucker's Pipefish	Mitotichthys tuckeri	7.5046%		Fish
Belted Petrel	Hastur obscurus	6.3281%		Marine birds
Brown Skua	Catharacta skua	6.3279%		Marine birds
Short-tailed Shearwater	Ardeona tenuirostris	6.1442%		Marine birds
Draughtboard Shark	Cephaloscyllium laticeps	5.9573%		Fish
Red Pipefish	Notiocampus ruber	5.6877%		Fish
Shorthead Seahorse	Hippocampus breviceps	5.6876%		Fish
Deepbody Pipefish	Kaupus costatus	5.6876%		Fish
Brushtail Pipefish	Leptoichthys fistularius	5.6876%		Fish
Java Pipefish	Lissocampus runa	5.6876%		Fish
Spiny Pipefish	Solenognathus spinosissimus	5.6876%		Fish
Spotted Pipefish	Stigmatopora argus	5.6876%		Fish
Widebody Pipefish	Stigmatopora nigra	5.6876%		Fish
Ringback Pipefish	Stipodon cristatus	5.6876%		Fish
Hairy Pipefish	Urocampus carinirostris	5.6876%		Fish
Mother-of-Pearl Pipefish	Vanacampus margaritifer	5.6876%		Fish
Port Phillip Pipefish	Vanacampus philipi	5.6876%		Fish
Crested Pipefish	Histiogamphelus briggsii	5.6876%		Fish
Bigbelly Seahorse	Hippocampus abdominalis	5.6876%		Fish
Admiral Pipefish	Histiogamphelus cristatus	5.6876%		Fish
Half-banded Pipefish	Mitotichthys semistriatus	5.6876%		Fish
Upside-down Pipefish	Heraldia nocturna	5.6876%		Fish
Knifefish	Hypseognathus rostratus	5.6876%		Fish
Sawtooth Pipefish	Maroubra perserrata	5.6876%		Fish
Common Seadragon	Phyllopteryx taeniolatus	5.6875%		Fish
Killer Whale	Orcinus orca	5.6261%		Mammals
Common Minke Whale	Balaenoptera acutorostrata	5.622%		Mammals
Risso's Dolphin	Grampus griseus	5.5991%		Mammals
Crested Tern	Thalasseus bergii	5.4489%		Waders
Smooth Stingray	Dasyatis brevicaudata	4.7762%		Fish
Common Diving-Petrel	Pelecanoides urinatrix	4.5448%		Marine birds
Oriental Plover	Charadrius veredus	4.4455%		Waders

Southern Right Whale	Eubalaena australis	4.1426%	Endangered	Mammals
Southern Humpback Whale	Megaptera novaeangiae australis	3.8776%		Mammals
Pygmy Right Whale	Caperea marginata	3.8672%		Mammals
Blue Warehou	Seriola lalandi	3.8671%	Conservation Dependent	Fish
Common Bottlenose Dolphin	Tursiops truncatus	3.8573%		Mammals
Short-beaked Common Dolphin	Dephinus delphis	3.8572%		Mammals
Australian Fur Seal	Arctocephalus pusillus doriferus	3.8546%		Mammals
School Shark	Galeorhinus galeus	3.7195%		Fish
Flesh-footed Shearwater	Ardenna carneipes	3.6349%		Marine birds
Porbeagle	Lamna nasus	3.6176%		Fish
Sooty Shearwater	Ardenna grisea	3.6124%	Vulnerable	Marine birds
Wandering Albatross	Diomedea exulans	3.6124%	Critically Endangered	Marine birds
Southern Bluefin Tuna	Thunnus maccoyii	3.6124%		Fish
New Zealand Wandering Albatross	Diomedea antipodensis	3.6124%		Marine birds
Black-browed Albatross	Thalassarche melanophrys	3.6024%		Marine birds
Campbell Albatross	Thalassarche impavida	3.551%		Marine birds
Northern Royal Albatross	Diomedea sanfordi	3.5482%		Marine birds
Shy Albatross	Thalassarche cauta	3.5275%	Endangered	Marine birds
Savins Albatross	Thalassarche savini	3.5275%		Marine birds
White-capped Albatross	Thalassarche steadi	3.5275%		Marine birds
Green Turtle	Chelonia mydas	3.5021%		Reptiles
Leathery Turtle	Dermochelys coriacea	3.5021%	Critically Endangered	Reptiles
Loggerhead Turtle	Caretta caretta	3.5021%		Reptiles
Fairy Prion	Pachyptila turtur	3.1347%		Marine birds
Sea Water-mat	Athenia marina	2.7314%	Critically Endangered	Monocotyledons
Fork-tailed Swift	Apus pacificus	2.3384%		Other Non-passerine birds
Fairy Tern	Sterna nereis	2.32%	Critically Endangered	Waders
Eastern Osprey	Pandion cristatus	2.2094%		Other Non-passerine birds
Broadnose Sevengill Shark	Notorynchus cepedianus	2.2009%		Fish
Sharp-tailed Sandpiper	Calidris acuminata	2.2009%	Vulnerable	Waders
Pectoral Sandpiper	Calidris melanotos	2.2009%		Waders
Ruff	Calidris pugnax	1.6572%		Waders
Sooty Oystercatcher	Haematopus fuliginosus	1.4884%		Waders
Sanderling	Calidris alba	1.3205%		Waders
Pied Oystercatcher	Haematopus longirostris	1.3061%		Waders
Red-necked Stint	Calidris ruficollis	1.2452%		Waders
Doubtful-banded Plover	Charadrius bicinctus	1.0856%		Waders
Great Knot	Calidris tenuirostris	0.9898%	Vulnerable	Waders

Red Knot	<i>Calidris canutus</i>	0.9783%	Vulnerable	Waders
Curlew Sandpiper	<i>Calidris ferruginea</i>	0.9688%	Critically Endangered	Waders
Wood Sandpiper	<i>Tringa glareola</i>	0.9591%	Endangered	Waders
Red-capped Plover	<i>Charadrius ruficapillus</i>	0.9202%		Waders
Red-necked Avocet	<i>Recurvirostra novaehollandiae</i>	0.8943%		Waders
Smooth Pipefish	<i>Lissocampus caudalis</i>	0.8204%		Fish
Pugnose Pipefish	<i>Pugnaso curtirostris</i>	0.8204%		Fish
Brown algae	<i>Ecklonia radiata</i>	0.8076%		Algae
Brown algae	<i>Phyllospora comosa</i>	0.8076%		Algae
Little Curlew	<i>Numenius minutus</i>	0.727%		Waders
Gummy Shark	<i>Mustelus antarcticus</i>	0.6675%		Fish
Bar-tailed Godwit	<i>Limosa lapponica</i>	0.6371%	Endangered	Waders
Little Egret	<i>Egretta garzetta</i>	0.5816%	Endangered	Other Non-passerine birds
Australian Painted-snipe	<i>Rostratula australis</i>	0.5503%	Critically Endangered	Other Non-passerine birds
Rufous Fantail	<i>Rhipidura rufifrons</i>	0.5292%		Passerine birds
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	0.5251%		Passerine birds
Latham's Snipe	<i>Gallinago hardwickii</i>	0.5185%	Vulnerable	Other Non-passerine birds
Satin Flycatcher	<i>Myiagra cyaneocaerulea</i>	0.5102%		Passerine birds
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	0.4941%		Other Non-passerine birds
Rainbow Bee-eater	<i>Merops ornatus</i>	0.4778%		Other Non-passerine birds
Terek Sandpiper	<i>Xenus cinereus</i>	0.42%	Vulnerable	Waders
Pumuck Egret	<i>Ardea intermedia plumifera</i>	0.3905%	Critically Endangered	Other Non-passerine birds
White-bellied Sea-Eagle	<i>Haliaeetus leucogaster</i>	0.3755%	Endangered	Other Non-passerine birds
Magpie Goose	<i>Anseranas semipalmata</i>	0.3476%	Vulnerable	Other Non-passerine birds
Greater Sand Plover	<i>Charadrius leschenaultii</i>	0.2911%	Vulnerable	Waders
Lesser Sand Plover	<i>Charadrius mongolus</i>	0.2905%	Endangered	Waders
Hooded Plover	<i>Thinornis cucullatus</i>	0.2899%	Vulnerable	Waders
Eastern Curlew	<i>Numenius madagascariensis</i>	0.2899%	Critically Endangered	Waders
Common Greenshank	<i>Tringa nebularia</i>	0.2898%	Endangered	Waders
Grey Plover	<i>Ploveria squatarola</i>	0.2891%	Vulnerable	Waders
Marsh Sandpiper	<i>Tringa stagnatilis</i>	0.2868%	Endangered	Waders
Common Sandpiper	<i>Actitis hypoleucos</i>	0.2864%	Vulnerable	Waders
Little Tern	<i>Sterna albifrons</i>	0.2844%	Critically Endangered	Waders
Australian Gull-billed Tern	<i>Geophila macrotarsa</i>	0.2815%	Endangered	Waders
Southern Bent-winged Bat	<i>Miniopterus orianae bassanii</i>	0.2791%	Critically Endangered	Bats

Little Penguin	Eudyptula minor	0.276%		Marine birds
Yellow-bellied Shearwater	Scolecophagus f. viverrinus	0.275%	Vulnerable	Bats
Eastern Bent-winged Bat	Miniopterus torquatus	0.2749%	Critically Endangered	Bats
Australian Bittern	Botaurus poicilopterus	0.2505%	Critically Endangered	Other Non-passerine birds
Australian Grayling	Prototroctes maraena	0.228%	Vulnerable	Fish
Blue-winged Parrot	Neophema chrysostoma	0.1881%	Vulnerable	Other Non-passerine birds
Caspian Tern	Hydroprogne caspia	0.1754%	Vulnerable	Waders
White-throated Needletail	Hirundapus caudacutus	0.0463%	Vulnerable	Other Non-passerine birds
Pacific Golden Plover	Puvialis fulva	0.0119%	Vulnerable	Waders
Ruddy Turnstone	Arenaria interpres	0.0115%	Vulnerable	Waders
Whimbrel	Numenius phaeopus	0.0107%	Endangered	Waders
Grey-tailed Tattler	Tringa brevipes	0.0048%	Critically Endangered	Waders

5. Proximity analysis

The Proximity analysis acts as a search tool to provide an indication of the key marine and coastal features that may occur or can sometimes occur within or nearby (up to 2km) the defined project area.

In addition to the FeAST score, this criteria for proposals to consider any impacts or negative interactions to existing marine and coastal activities, the natural environment and biodiversity, as well as designated conservation management and protection areas.

The tool generates a series of summarised tables from the Feature Atlas on CoastKit. Tables are organised into eight themes; Conservation and protected areas, Natural environment and biodiversity, Defence and national security, Energy generation and resource extraction, Fishing and aquaculture, Marine transport, Recreation, tourism and leisure, and Scientific and heritage areas.

Each table provides the feature category, feature name, description, and proximity. Feature records are ordered from closest to furthest distance away. The proximity value is displayed as either:

- percentage overlap, i.e., how much of the total defined project area is covered by the feature, or
- distance in metres, i.e., how far the feature is from the boundary of the defined project area to a maximum buffer of 2km.

The number of tables displayed in the report will vary. If no features from a theme have been identified within 2km of the defined project area boundary, the corresponding table will not be displayed in the report. Some key spatial datasets have not been included in the proximity analysis, please refer to the guidelines for recommended advice on using other tools in conjunction with FeAST to deliver supplementary information to decision makers.

Conservation and protected areas

This table lists protected and management areas that must be considered in compliance with relevant acts and regulations. Please note that marine asset areas do not have specific regulatory requirements but are of high conservation value.

Feature name	Category	Description	Proximity
De ray Beach offshore sediment	Marine asset areas	Important for biodiversity (infauna species "representative well studied example of Port Albert to Lakes Entrance Sandy Plain asset area).	1%
McGauran Beach offshore sediment	Marine asset areas	McGaurans Beach sub littoral offshore sediment communities	1%
Ninety Mile Beach Marine National Park	Marine National Park	National Parks Act Schedule 4 park or reserve	1%

Ninety Mile Beach patch reefs	Marine asset areas	Low profile patch reefs offshore from Ninety Mile Beach, between McLoughlins Beach and Lakes Entrance. Significant and unique sessile invertebrate and filter feeding assemblages. Reefs are stepping-stone habitats for snapper, white shark and possibly grey nurse sharks.	1%
Nooramunga Marine and Coastal Park	Marine and Coastal Park	National Parks Act Schedule 4 park or reserve	1%
Protected zone - SS Gne g	Shipwreck protected zone	SS Gne g (1900) is one of the worst maritime disasters in Victorian history with the deaths of 38 people and only three survivors. After the wreck was discovered it was subject to heavy looting and was placed in a protected zone to help prevent further theft.	1%
Ramsar - Corner Inlet	UNESCO Ramsar site	Ramsar wet and bird habitat in Victoria. 25k resolution.	1%
Woodside Beach offshore sediments	Marine asset areas	Woodside Beach sub littoral offshore sediment communities	1%
Ramsar - Gipps and Lakes	UNESCO Ramsar site	Ramsar wet and bird habitat in Victoria. 25k resolution.	141 m
Nooramunga and Corner Inlet sediment flats	Marine asset areas	Pied and sooty oystercatcher habitat. Thirty two recorded species of wading birds both resident and migratory. Supports 21.5% of total Victorian wader population. Sediment beds contain a high abundance of microalgae.	206 m
Port Albert to Lakes Entrance	Marine asset areas	Important for biodiversity (communities associated with these soft sediments and supports important species (sharks)).	206 m
Ramsar - Gipps and Lakes	UNESCO Ramsar site	Ramsar wet and bird habitat in Victoria. 25k resolution.	1051 m

Biodiversity and natural environment

This table lists geographical sites and areas of high biodiversity including significant habitats, FFG act listed marine communities and some important species sightings, and distributions (limited data available). It is recommended that the [Protected Matters Search Tool](#) and [NatureKit](#) should be used to extract the lists for threatened species observations, EPBC act protected values and migratory species.

Feature name	Category	Description	Proximity
AFD 245 - Significant ascidian site	Invertebrate records and areas	Species: <i>Perophora cavata</i> Kott, 1985, Status: Type locality - endemic - ascidian	1%
AFD 246 - Significant ascidian site	Invertebrate records and areas	Species: <i>Distaplia reticulata</i> Kott, 1990, Status: Type locality - endemic - ascidian	1%
AFD 248 - Significant ascidian site	Invertebrate records and areas	Species: <i>Apidium distaplium</i> Kott, 1992, Status: Type locality - ascidian	1%
AFD 249 - Significant ascidian site	Invertebrate records and areas	Species: <i>Polydora orbitum</i> Kott, 1992, Status: Type locality - ascidian	1%
AFD 250 - Significant ascidian site	Invertebrate records and areas	Species: <i>Synoicum obscurum</i> Kott, 1992, Status: Type locality - ascidian	1%
Bird area - breeding roosting 2009	Important bird areas	sandbars that changes size and location. Shorebirds interchange between these three areas depending on conditions, especially tide height. Very high tides can submerge roosts at mouth. Disturbance not likely a problem as there are plenty of places to go	1%

Bird area - breeding roosting 2009	Important bird areas	sandbars that changes size and location. Also known as Sha low Inlet. A lot of interchange between these three areas, and most shorebirds are found where-ever the most exposed sand is found near this entrance. Disturbance not likely a problem as there are plenty of places to go	1%
Bird area - breeding roosting 2009	Important bird areas	intertidal area that offers potential for feeding shorebirds	1%
De ray Beach offshore sediment	Significant soft sediment habitat	De ray Beach sub littoral offshore sediment communities	1%
Geoform - Gipps and Lakes Outer Barrier	Geological sites	Latest stage of evolution of the complex Gipps and Lakes barrier.	1%
Geoform - Woodside Beach - Barrier & Lagoons	Geological sites	Important sectors in understanding barrier evolution.	1%
McGauran Beach offshore sediment	Significant soft sediment habitat	McGaurans Beach sub littoral offshore sediment communities	1%
Ninety Mile Beach patch reefs	Significant reef habitat	Low profile patch reefs offshore from Ninety Mile Beach, between McLoughlins Beach and Lakes Entrance. Significant and unique sessile invertebrate and filter feeding assemblages. Reefs are stepping-stone habitats for snapper, white shark and possibly grey nurse sharks.	1%
Woodside Beach offshore sediments	Significant soft sediment habitat	Woodside Beach sub littoral offshore sediment communities	1%
Estuary - Merriman Creek	Estuary and inlet areas	Estuary classification (coast, mouth, head):E I E	21 m
Bird roost - McLoughlins Entrance (west)	Important bird areas	Major Roost. Large numbers of waders, always in use.	25 m
Estuary - Jack Smith Lake	Estuary and inlet areas	Estuary classification (coast, mouth, head):E I E	43 m
Estuary - Lake Dennison	Estuary and inlet areas	Estuary classification (coast, mouth, head):E I E	45 m
Geoform - Lake Denison - Barrier and lagoon evolution	Geological sites	Lake, barrier, buffer and lagoon channel evolution.	63 m
Crested Tern - Dream Islands (northern spit)	Important bird areas	Crested tern <i>Thalasseus bergii</i> nesting site. 400 pairs 1991-92.	76 m
Fairy Tern - Dream Islands (northern spit)	Important bird areas	Fairy Tern <i>Sterna nereis</i> nesting site. 50 pairs regularly.	76 m
Bird area - breeding roosting 2009	Important bird areas	Sandy barrier Islands, dunes, encroaching shrubs. 20 years ago regular counts of 5,000 - 20,000, but encroachment of shrubs has made less suitable for roosting waders. Disturbance not likely a problem as there are plenty of places to go	113 m
Hooded plover - McLoughlins Beach - Seaspray Coastal Reserve	Important bird areas	Hooded Plover <i>Thinornis rubricollis</i> (endangered). Observed Sighting (Nesting?). This point derived from Michael Weston's report: Managing the Hooded Plover in Victoria: a Review of Existing Information.	127 m
Hooded plover - McLoughlins Beach - Seaspray Coastal Reserve	Important bird areas	Hooded Plover <i>Thinornis rubricollis</i> (endangered). Observed Sighting (Nesting?). This point derived from Michael Weston's report: Managing the Hooded Plover in Victoria: a Review of Existing Information.	138 m

Geoform - Jack Smith Lake	Geological sites	Large coastal lagoon.	171 m
Geoform - McGaurans Beach - Lagoon Sediments	Geological sites	Lagoon sediments indicating barrier formation and retreat.	193 m
Bird roost - Shoa Inlet Entrance (east)	Important bird areas	Major Roost. Large numbers of waders, always in use.	196 m
Bird area - breeding roosting 2009	Important bird areas	use is dependent on amount of water and water conditions, lake from here north is usually dry	206 m
Nooramunga and Corner Inlet sediment flats	Important bird areas	Pied and sooty oystercatcher habitat. Thirty two recorded species of wading birds both resident and migratory. Supports 21.5% of total Victorian wader population. Sediment beds contain a high abundance of microalgae.	206 m
Hooded plover - Box Bank	Important bird areas	Hooded Plover <i>Thinornis rubricollis</i> (endangered). Nesting Site.	213 m
Geoform - Nooramunga Tidal Entrance & Tidal Delta	Geological sites	Classic example of tidal channels, inlets and deltas.	236 m
Bird area - breeding roosting 2009	Important bird areas	sand and mudflats with seagrass. feeding areas not surveyed, birds likely use any exposed mudflat for feeding, incidental	238 m
Geoform - Outer Barrier near Seaspray	Geological sites	Singly high and grassy outer barrier ridge.	256 m
Geoform - MERRIMAN CREEK	Geological sites	At W end of Lake Reeve between an inlet and fossiciff and the outer barrier, Merriman Creek has built its delta. At W end of Lake Reeve between an inlet and fossiciff and the outer barrier, Merriman Creek has built its delta. Merriman Creek, Seaspray.	262 m
Bird area - breeding roosting 2009	Important bird areas	small patches of sand (mangrove lined), small patch of saltmarsh surrounded by sandbar, isolated non-tidal pool surrounded by trees. 3 areas: 1. spit - only good one year when sandbar formed, 2. small lagoon visited by owls, 3. Northern stretch of is and 10 yrs ago high counts, now very few, recent mangrove encroachment has left little sand. (not always counted)	284 m
Fairy Tern - Dream Islands (southern spit)	Important bird areas	Fairy Tern <i>Sterna nereis</i> nesting site. 20 pairs very occasionally	300 m
Bird area - breeding roosting 2009	Important bird areas	sand and mudflats. area observed to hold a couple hundred feeding waders recently (no counts), but probably held more historically, the channels in this area are very dynamic and exposed tidal flats will continue to change location	320 m
Bird roost - Box Bank	Important bird areas	Major Roost. Large numbers of waders, always in use.	344 m
Estuary - Bruthen Creek	Estuary and inlet areas	Estuary classification (coast, mouth, head): B P E	395 m
Bird roost - Shoa Inlet Entrance (west)	Important bird areas	Major Roost. Very large numbers of waders, always in use. In past 8 years it has been largest roost, often with more than 20,000 waders.	403 m
Hooded plover - Dream Islands	Important bird areas	Hooded Plover <i>Thinornis rubricollis</i> (endangered). Nesting Site.	411 m
Bird roost - McLoughlin's Entrance (east)	Important bird areas	Minor Roost. Small numbers of waders, not always in use.	412 m

Bird roost - Dream Islands - Bindin et	Important bird areas	Minor Roost. Small numbers of waders, not always in use.	432 m
Hooded plover - Dream Islands	Important bird areas	Hooded Plover <i>Thinornis rubricollis</i> (endangered). Nesting Site.	496 m
Geoform - Outer Barrier - Showlin et to Reeves Beach	Geological sites	Major example of the formation and modification of barrier systems.	500 m
Bird area - breeding roosting 2009	Important bird areas	sand and mud flats. area used by relatively low numbers of feeding shorebirds, but no counts available	529 m
Geoform - Nooramunga Tidal Entrance & Tidal Delta	Geological sites	Classic example of tidal channels, inlets and deltas.	573 m
Bird roost - McLoughlin Beach	Important bird areas	Major Roost. Medium numbers of waders, always in use.	577 m
Rare species - <i>Halicarcinus</i> sp MoV 746	Invertebrate records and areas	<i>Halicarcinus</i> sp MoV 746 - Crab - Rare and restricted in distribution - Museum record	605 m
Bird roost - Islands inside McLoughlin Entrance	Important bird areas	Major Roost. Medium numbers of waders, always in use.	606 m
Crested Tern - Islands inside McLoughlin Entrance	Important bird areas	Crested tern <i>Thalasseus bergii</i> nesting site. 400 pairs 1991-92.	667 m
Bird area - breeding roosting 2009	Important bird areas	sand and mud flats. feeding areas not surveyed, birds likely use any exposed mud flat for feeding, incidentally	704 m
Geoform - Barrier Dunes - Ninety Mile Beach	Geological sites	Displays the evolution of the Gipps and Lakes barrier.	725 m
Bird area - breeding roosting 2009	Important bird areas	most important area in western Lake Reeve for waders	753 m
Bird area - breeding roosting 2009	Important bird areas	good sandbank for feeding, water usually deeper and used by larger waders	810 m
Bird area - breeding roosting 2009	Important bird areas	mostly saltmarsh.	836 m
Bird area - breeding roosting 2009	Important bird areas	best area in western Lake Reeve for waders	1149 m
Bird roost - Dream Islands - western shore	Important bird areas	Major Roost. Medium numbers of waders, always in use.	1170 m
Bird area - breeding roosting 2009	Important bird areas	mud and sand flats. feeding birds from Box Bank use this area on rising and falling tides to feed, but will also roost in this area on neap tides	1287 m
Hooded plover - Box Bank	Important bird areas	Hooded Plover <i>Thinornis rubricollis</i> (endangered). Nesting Site.	1562 m
Bird area - breeding roosting 2009	Important bird areas	mostly saltmarsh. Always good for up to 80 CoGr, relatively high counts for other species (e.g. 4,000 RnSt, 1000 ReKn, 200 EaCu) on observed occasions, not always counted. Disturbance not likely a problem as there are plenty of places to go	1737 m

Bird area - breeding roosting 2009	Important bird areas	sandbars/ephemera sand is and that changes size and location, and some saltmarsh. 1000s of waders historically; sand erosion in last 3 yrs less suitable/Main roost of sub-site (8 yrs). Shorebirds vary which of these three areas they use most (much interchange among them). Historically, any exposed sand was used by waders.	1818 m
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Energy generation and resource extraction

The table lists existing areas for oil and gas infrastructure, saltworks and any sand extraction sites. Potential cumulative effects or interactions should be considered.

Feature name	Category	Description	Proximity
Facility - 35	Oil and gas platforms and facilities	Oil and gas platforms and facilities - from OSRA	1 %
Pipeline -	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	1 %
Pipeline -	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	88 m
Pipeline - VIC/PL21	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	196 m
Pipeline -	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	368 m
Pipeline - 79	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	374 m
Pipeline -	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	388 m
Pipeline - VIC/PL21	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	582 m
Pipeline -	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	875 m
Pipeline -	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	1034 m
Pipeline - 79	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	1400 m
Pipeline - 77	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	1733 m
Pipeline -	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	1746 m
Pipeline -	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	1902 m
Pipeline - 77	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	1908 m

Recreation, tourism and leisure

This table lists sites of recreational value such as boating, diving, and sailing areas. Potential cumulative effects or interactions should be considered.

Feature name	Category	Description	Proximity
Dive site - Duke of Wellington	Dive sites	Duke of Wellington. Wooden barque. Lost in 1853. Wreck dive.	1 %
Dive site - Gene g	Dive sites	Gene g. Historic shipwreck protected zone. Permit required. Lost in 1900. Permit wreck dive.	1 %

Scientific and heritage areas

This table lists important areas for research and monitoring purposes, as well as recorded non-Aboriginal historical sites in Port Phillip Bay and shipwreck sites across Victoria. Aboriginal cultural values have not been included, please refer to the Aboriginal Heritage Act 2006 and consult with the nearest Registered Aboriginal Party to meet your obligations.

Feature name	Category	Description	Proximity
Wreck - CITY OF HOBART	Shipwreck sites	CITY OF HOBART. Screw steamer. Built in Scotland in 1853. Wrecked in 60 miles NE of Wilsons Promontory in 1877.	1 %
Wreck - COLLEEN BAWN	Shipwreck sites	COLLEEN BAWN. Ketch. Built in Australia in 1871. Wrecked in Ninety Mile Beach in 1913.	1 %

Wreck - EMILY	Shipwreck sites	EMILY. Built in Australia in 1862. Wrecked in Two miles east of Shoal Inlet, Port Albert. in 1863.	1%
Wreck - MAGNOLIA	Shipwreck sites	MAGNOLIA. Schooner. Built in 1877. Wrecked in Disappeared between Refuge Cove and Lakes Entrance. in 1887.	1%
Wreck - SARAH	Shipwreck sites	SARAH. Sailing schooner. Built in Australia in 1837. Wrecked in Woodside, Ninety Mile Beach in 1838.	1%
Wreck - SS GLENELG	Shipwreck sites	SS GLENELG. Screw steamer. Built in Scotland in 1875. Wrecked in Bass Strait, near Lakes Entrance in 1900.	1%
Wreck - Unidentified: 22 Miles south-east of Seaspray	Shipwreck sites	Unidentified: 22 Miles south-east of Seaspray. Wrecked in Bass Strait, 22 miles SE of Seaspray.	1%
Wreck - PS PAYNESVILLE	Shipwreck sites	PS PAYNESVILLE. Paddle steamer. Built in Australia in 1880. Wrecked in Ocean Grange, Ninety Mile Beach in 1881.	305 m
Wreck - COLCHESTER	Shipwreck sites	COLCHESTER. Brig. Built in Canada in 1849. Wrecked in 5 miles east of Shoal Inlet, Port Albert in 1863.	308 m
Wreck - TRINCULO	Shipwreck sites	TRINCULO. Sailing barque. Built in England in 1858. Wrecked in Ninety Mile Beach, east of Seaspray in 1879.	911 m
Wreck - TRANCOOLAH	Shipwreck sites	TRANCOOLAH. Barque. Wrecked in Ninety Mile Beach in 1884.	1462 m



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