

APPENDIX

B

PMST RESULTS



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: 23-Mar-2022

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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	None
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	8
Listed Threatened Species:	44
Listed Migratory Species:	16

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

The EPBC Act protects the environment on Commonwealth land, the environment from the actions taken on Commonwealth land, and the environment from actions taken by Commonwealth agencies. As heritage values of a place are part of the 'environment', these aspects of the EPBC Act protect the Commonwealth Heritage values of a Commonwealth Heritage place. Information on the new heritage laws can be found at <http://www.environment.gov.au/heritage>

A [permit](#) may be required for activities in or on a Commonwealth area that may affect a member of a listed threatened species or ecological community, a member of a listed migratory species, whales and other cetaceans, or a member of a listed marine species.

Commonwealth Lands:	122
Commonwealth Heritage Places:	2
Listed Marine Species:	22
Whales and Other Cetaceans:	None
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:	3
Regional Forest Agreements:	None
Nationally Important Wetlands:	None
EPBC Act Referrals:	29
Key Ecological Features (Marine):	None
Biologically Important Areas:	None
Bioregional Assessments:	1
Geological and Bioregional Assessments:	None

Details

Matters of National Environmental Significance

Listed Threatened Ecological Communities

[Resource Information]

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

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

Community Name	Threatened Category	Presence Text	Buffer Status
Castlereagh Scribbly Gum and Agnes Banks Woodlands of the Sydney Basin Bioregion	Endangered	Community likely to occur within area	In feature area
Coastal Swamp Oak (Casuarina glauca) Forest of New South Wales and South East Queensland ecological community	Endangered	Community may occur within area	In feature area
Coastal Swamp Sclerophyll Forest of New South Wales and South East Queensland	Endangered	Community likely to occur within area	In feature area
Cooks River/Castlereagh Ironbark Forest of the Sydney Basin Bioregion	Critically Endangered	Community likely to occur within area	In feature area
Cumberland Plain Shale Woodlands and Shale-Gravel Transition Forest	Critically Endangered	Community likely to occur within area	In feature area
River-flat eucalypt forest on coastal floodplains of southern New South Wales and eastern Victoria	Critically Endangered	Community likely to occur within area	In feature area
Shale Sandstone Transition Forest of the Sydney Basin Bioregion	Critically Endangered	Community may occur within area	In buffer area only
Western Sydney Dry Rainforest and Moist Woodland on Shale	Critically Endangered	Community may occur within area	In feature area

Listed Threatened Species

[Resource Information]

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

Number is the current name ID.

Scientific Name	Threatened Category	Presence Text	Buffer Status
BIRD			
Anthochaera phrygia			
Regent Honeyeater [82338]	Critically Endangered	Species or species habitat known to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Botaurus poiciloptilus Australasian Bittern [1001]	Endangered	Species or species habitat known to occur within area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat likely to occur within area	In feature area
Callocephalon fimbriatum Gang-gang Cockatoo [768]	Endangered	Species or species habitat likely to occur within area	In feature area
Falco hypoleucos Grey Falcon [929]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Grantiella picta Painted Honeyeater [470]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area	In feature area
Lathamus discolor Swift Parrot [744]	Critically Endangered	Species or species habitat known to occur within area	In feature area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area
Pycnoptilus floccosus Pilotbird [525]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Rostratula australis Australian Painted Snipe [77037]	Endangered	Species or species habitat known to occur within area	In feature area
FISH			
Macquaria australasica Macquarie Perch [66632]	Endangered	Species or species habitat may occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Prototroctes maraena Australian Grayling [26179]	Vulnerable	Species or species habitat likely to occur within area	In feature area
FROG			
Heleioporus australiacus Giant Burrowing Frog [1973]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Litoria aurea Green and Golden Bell Frog [1870]	Vulnerable	Species or species habitat known to occur within area	In feature area
MAMMAL			
Chalinolobus dwyeri Large-eared Pied Bat, Large Pied Bat [183]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Dasyurus maculatus maculatus (SE mainland population) Spot-tailed Quoll, Spotted-tail Quoll, Tiger Quoll (southeastern mainland population) [75184]	Endangered	Species or species habitat known to occur within area	In feature area
Petauroides volans Greater Glider [254]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Petaurus australis australis Yellow-bellied Glider (south-eastern) [87600]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Petrogale penicillata Brush-tailed Rock-wallaby [225]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Phascolarctos cinereus (combined populations of Qld, NSW and the ACT) Koala (combined populations of Queensland, New South Wales and the Australian Capital Territory) [85104]	Endangered	Species or species habitat known to occur within area	In feature area
Pseudomys novaehollandiae New Holland Mouse, Pookila [96]	Vulnerable	Species or species habitat known to occur within area	In feature area
Pteropus poliocephalus Grey-headed Flying-fox [186]	Vulnerable	Roosting known to occur within area	In feature area
PLANT			

Scientific Name	Threatened Category	Presence Text	Buffer Status
Acacia bynoeana Bynoe's Wattle, Tiny Wattle [8575]	Vulnerable	Species or species habitat known to occur within area	In feature area
Acacia pubescens Downy Wattle, Hairy Stemmed Wattle [18800]	Vulnerable	Species or species habitat known to occur within area	In feature area
Allocasuarina glareicola [21932]	Endangered	Migration route known to occur within area	In feature area
Cynanchum elegans White-flowered Wax Plant [12533]	Endangered	Species or species habitat likely to occur within area	In feature area
Eucalyptus aggregata Black Gum [20890]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Genoplesium baueri Yellow Gnat-orchid, Bauer's Midge Orchid, Brittle Midge Orchid [7528]	Endangered	Species or species habitat may occur within area	In feature area
Haloragis exalata subsp. exalata Wingless Raspwort, Square Raspwort [24636]	Vulnerable	Species or species habitat may occur within area	In feature area
Melaleuca deanei Deane's Melaleuca [5818]	Vulnerable	Species or species habitat may occur within area	In feature area
Micromyrtus minutiflora [11485]	Vulnerable	Species or species habitat known to occur within area	In feature area
Persicaria elatior Knotweed, Tall Knotweed [5831]	Vulnerable	Species or species habitat may occur within area	In feature area
Persoonia hirsuta Hairy Geebung, Hairy Persoonia [19006]	Endangered	Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Persoonia nutans Nodding Geebung [18119]	Endangered	Species or species habitat known to occur within area	In feature area
Pimelea curviflora var. curviflora [4182]	Vulnerable	Species or species habitat may occur within area	In feature area
Pimelea spicata Spiked Rice-flower [20834]	Endangered	Species or species habitat known to occur within area	In feature area
Pomaderris brunnea Rufous Pomaderris, Brown Pomaderris [16845]	Vulnerable	Species or species habitat may occur within area	In feature area
Pterostylis saxicola Sydney Plains Greenhood [64537]	Endangered	Species or species habitat likely to occur within area	In feature area
Pultenaea parviflora [19380]	Vulnerable	Species or species habitat known to occur within area	In feature area
Rhizanthella slateri Eastern Underground Orchid [11768]	Endangered	Species or species habitat may occur within area	In feature area
Rhodamnia rubescens Scrub Turpentine, Brown Malletwood [15763]	Critically Endangered	Species or species habitat likely to occur within area	In feature area
Syzygium paniculatum Magenta Lilly Pilly, Magenta Cherry, Daguba, Scrub Cherry, Creek Lilly Pilly, Brush Cherry [20307]	Vulnerable	Species or species habitat may occur within area	In feature area
Thesium australe Austral Toadflax, Toadflax [15202]	Vulnerable	Species or species habitat may occur within area	In feature area

Listed Migratory Species	[Resource Information]		
Scientific Name	Threatened Category	Presence Text	Buffer Status
Migratory Marine Birds			

Scientific Name	Threatened Category	Presence Text	Buffer Status
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area	In feature area
Migratory Terrestrial Species			
Cuculus optatus Oriental Cuckoo, Horsfield's Cuckoo [86651]		Species or species habitat may occur within area	In feature area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area	In feature area
Monarcha melanopsis Black-faced Monarch [609]		Species or species habitat known to occur within area	In feature area
Motacilla flava Yellow Wagtail [644]		Species or species habitat likely to occur within area	In feature area
Myiagra cyanoleuca Satin Flycatcher [612]		Species or species habitat known to occur within area	In feature area
Rhipidura rufifrons Rufous Fantail [592]		Species or species habitat known to occur within area	In feature area
Symposiachrus trivirgatus as Monarcha trivirgatus Spectacled Monarch [83946]		Species or species habitat may occur within area	In buffer area only
Migratory Wetlands Species			
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat likely to occur within area	In feature area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat known to occur within area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Calidris melanotos Pectoral Sandpiper [858]	Critically Endangered	Species or species habitat may occur within area	In feature area
Gallinago hardwickii Latham's Snipe, Japanese Snipe [863]		Species or species habitat likely to occur within area	In feature area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]		Species or species habitat may occur within area	In feature area
Pandion haliaetus Osprey [952]		Species or species habitat known to occur within area	In buffer area only
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area	In feature area

Other Matters Protected by the EPBC Act

Commonwealth Lands

[[Resource Information](#)]

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

Commonwealth Land Name	State	Buffer Status
Communications, Information Technology and the Arts - Australian Postal Corporation		
Commonwealth Land - Australian Postal Commission [12815]	NSW	In buffer area only
Commonwealth Land - Australian Postal Corporation [12819]	NSW	In buffer area only
Communications, Information Technology and the Arts - Telstra Corporation Limited		
Commonwealth Land - Australian Telecommunications Commission [12810]	NSW	In buffer area only
Commonwealth Land - Australian Telecommunications Commission [12818]	NSW	In buffer area only
Commonwealth Land - Australian Telecommunications Commission [12827]	NSW	In buffer area only
Commonwealth Land - Australian Telecommunications Commission [15500]	NSW	In buffer area only
Commonwealth Land - Australian Telecommunications Commission [14629]	NSW	In buffer area only

Commonwealth Land Name	State	Buffer Status
Commonwealth Land - Australian Telecommunications Commission [14628]	NSW	In buffer area only
Commonwealth Land - Australian Telecommunications Commission [16125]	NSW	In buffer area only
Commonwealth Land - Telstra Corporation Limited [12836]	NSW	In buffer area only
Defence		
Commonwealth Land - Defence Service Homes Corporation [12816]	NSW	In buffer area only
Commonwealth Land - Defence Service Homes Corporation [12817]	NSW	In buffer area only
Commonwealth Land - Defence Service Homes Corporation [14561]	NSW	In buffer area only
Commonwealth Land - Defence Service Homes Corporation [14546]	NSW	In buffer area only
Commonwealth Land - Defence Service Homes Corporation [14562]	NSW	In buffer area only
Commonwealth Land - Defence Service Homes Corporation [12824]	NSW	In buffer area only
Commonwealth Land - Defence Service Homes Corporation [12820]	NSW	In buffer area only
Defence - 1CAD ORCHARD HILLS KINGSWOOD [10150]	NSW	In buffer area only
Defence - 1CAD ORCHARD HILLS KINGSWOOD [10172]	NSW	In buffer area only
Defence - 1CAD ORCHARD HILLS KINGSWOOD [10174]	NSW	In buffer area only
Defence - AIRTC ST MARYS [10007]	NSW	In buffer area only
Defence - PENRITH DEPOT (Army Stores) [10207]	NSW	In buffer area only
Defence - PENRITH DEPOT (Army Stores) [10206]	NSW	In buffer area only
Defence - PENRITH DEPOT (Army Stores) [10208]	NSW	In buffer area only
Defence - SIGNAL STRS DEPOT-KINGSWOOD [10209]	NSW	In buffer area only
Defence - SIGNAL STRS DEPOT-KINGSWOOD [10210]	NSW	In buffer area only
Defence - Defence Housing Authority		
Commonwealth Land - Defence Housing Authority [12874]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12877]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12876]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12871]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12870]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12873]	NSW	In buffer area only

Commonwealth Land Name	State	Buffer Status
Commonwealth Land - Defence Housing Authority [12879]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12872]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12878]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12863]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12866]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12867]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12860]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12861]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12869]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12868]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12865]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12864]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12875]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12813]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12812]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12811]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12862]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12823]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12814]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12829]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12828]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12838]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12882]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12856]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12883]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12857]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12880]	NSW	In buffer area only

Commonwealth Land Name	State	Buffer Status
Commonwealth Land - Defence Housing Authority [12881]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12851]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12854]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12855]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12852]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12809]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12808]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12859]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12858]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12853]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12845]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12844]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12843]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12842]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12841]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12840]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12849]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12846]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [15675]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12831]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12830]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12833]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12832]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12835]	NSW	In feature area
Commonwealth Land - Defence Housing Authority [12834]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12837]	NSW	In buffer area only
Commonwealth Land - Defence Housing Authority [12839]	NSW	In buffer area only

Commonwealth Land Name	State	Buffer Status
Commonwealth Land - Deputy Director of War Service Homes [14566]	NSW	In buffer area only
Commonwealth Land - Director of War Service Homes [12848]	NSW	In buffer area only
Commonwealth Land - Director of War Service Homes [12826]	NSW	In feature area
Commonwealth Land - Director of War Service Homes [12822]	NSW	In buffer area only
Commonwealth Land - Director of War Service Homes [14560]	NSW	In buffer area only
Commonwealth Land - Director of War Service Homes [14547]	NSW	In buffer area only
Commonwealth Land - Director of War Service Homes [14545]	NSW	In buffer area only
Commonwealth Land - Director of War Service Homes [14563]	NSW	In buffer area only
Commonwealth Land - Director of War Service Homes [12825]	NSW	In buffer area only
Commonwealth Land - Director of War Service Homes [14567]	NSW	In buffer area only
Commonwealth Land - Director of War Service Homes [14543]	NSW	In buffer area only
Commonwealth Land - Director of War Service Homes [14548]	NSW	In buffer area only
Commonwealth Land - Director of War Service Homes [14540]	NSW	In buffer area only
Commonwealth Land - Director of War Service Homes [14542]	NSW	In buffer area only
Commonwealth Land - Director of War Service Homes [14549]	NSW	In buffer area only
Commonwealth Land - Director of War Service Homes [14565]	NSW	In buffer area only
Commonwealth Land - Director of War Service Homes [14564]	NSW	In buffer area only
Commonwealth Land - Director of War Service Homes [12807]	NSW	In buffer area only
Commonwealth Land - Director of War Service Homes [14544]	NSW	In buffer area only
Commonwealth Land - Director of War Service Homes [12847]	NSW	In feature area
Commonwealth Land - Director of War Service Homes [12821]	NSW	In buffer area only
Commonwealth Land - Director of War Service Homes [14551]	NSW	In buffer area only
Commonwealth Land - Director of War Service Homes [14559]	NSW	In buffer area only
Commonwealth Land - Director of War Service Homes [14550]	NSW	In buffer area only
Commonwealth Land - Director of War Service Homes [14552]	NSW	In buffer area only
Transport and Regional Services - Airservices Australia		
Commonwealth Land - Airservices Australia [12850]	NSW	In buffer area only

Commonwealth Land Name	State	Buffer Status
Commonwealth Land - Airservices Australia [14230]	NSW	In buffer area only
Unknown		
Commonwealth Land - [14625]	NSW	In buffer area only
Commonwealth Land - [14627]	NSW	In buffer area only
Commonwealth Land - [14626]	NSW	In buffer area only
Commonwealth Land - [16483]	NSW	In buffer area only
Commonwealth Land - [16482]	NSW	In buffer area only
Commonwealth Land - [16485]	NSW	In buffer area only
Commonwealth Land - [16484]	NSW	In buffer area only
Commonwealth Land - [16481]	NSW	In buffer area only
Commonwealth Land - [16486]	NSW	In buffer area only

Commonwealth Heritage Places			[Resource Information]
Name	State	Status	Buffer Status
Natural			
Orchard Hills Cumberland Plain Woodland	NSW	Listed place	In buffer area only
Shale Woodland Llandilo	NSW	Listed place	In buffer area only

Listed Marine Species			[Resource Information]
Scientific Name	Threatened Category	Presence Text	Buffer Status
Bird			
Actitis hypoleucos			
Common Sandpiper [59309]		Species or species habitat likely to occur within area	In feature area
Apus pacificus			
Fork-tailed Swift [678]		Species or species habitat likely to occur within area overfly marine area	In feature area
Bubulcus ibis as Ardea ibis			
Cattle Egret [66521]		Species or species habitat may occur within area overfly marine area	In feature area
Calidris acuminata			
Sharp-tailed Sandpiper [874]		Species or species habitat known to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat likely to occur within area overfly marine area	In feature area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area overfly marine area	In feature area
Chalcites osculans as Chrysococcyx osculans Black-eared Cuckoo [83425]		Species or species habitat likely to occur within area overfly marine area	In feature area
Gallinago hardwickii Latham's Snipe, Japanese Snipe [863]		Species or species habitat likely to occur within area overfly marine area	In feature area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat known to occur within area	In feature area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area overfly marine area	In feature area
Lathamus discolor Swift Parrot [744]	Critically Endangered	Species or species habitat known to occur within area overfly marine area	In feature area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area overfly marine area	In feature area
Monarcha melanopsis Black-faced Monarch [609]		Species or species habitat known to occur within area overfly marine area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Motacilla flava Yellow Wagtail [644]		Species or species habitat likely to occur within area overfly marine area	In feature area
Myiagra cyanoleuca Satin Flycatcher [612]		Species or species habitat known to occur within area overfly marine area	In feature area
Neophema chrysostoma Blue-winged Parrot [726]		Species or species habitat may occur within area overfly marine area	In feature area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area
Pandion haliaetus Osprey [952]		Species or species habitat known to occur within area	In buffer area only
Rhipidura rufifrons Rufous Fantail [592]		Species or species habitat known to occur within area overfly marine area	In feature area
Rostratula australis as Rostratula benghalensis (sensu lato) Australian Painted Snipe [77037]	Endangered	Species or species habitat known to occur within area overfly marine area	In feature area
Symposiachrus trivirgatus as Monarcha trivirgatus Spectacled Monarch [83946]		Species or species habitat may occur within area overfly marine area	In buffer area only
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area overfly marine area	In feature area

Extra Information

State and Territory Reserves			[Resource Information]
Protected Area Name	Reserve Type	State	Buffer Status
Castlereagh	Nature Reserve	NSW	In buffer area only
Wianamatta	Regional Park	NSW	In buffer area only
Wianamatta	Nature Reserve	NSW	In buffer area only

EPBC Act Referrals			[Resource Information]	
Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Controlled action				
Chapman Street Residential Development	2019/8552	Controlled Action	Post-Approval	In feature area
Sydney Metro, Western Sydney Airport - St Marys to Elizabeth Drive	2020/8687	Controlled Action	Post-Approval	In feature area
Warragamba Dam Raising Project	2017/7940	Controlled Action	Assessment Approach	In feature area
Not controlled action				
18-hole, golf course development, west of Eastern Creek	2004/1757	Not Controlled Action	Completed	In buffer area only
Clearance of 6.3ha of Cumberland Plain Woodland for industrial subdivision cnr of Old Walgrove and Walgrove Roads	2004/1445	Not Controlled Action	Completed	In buffer area only
Clearance of 6ha Shale Plains Woodland	2004/1346	Not Controlled Action	Completed	In buffer area only
Concrete Batching Plant and Associated Facilities	2005/2067	Not Controlled Action	Completed	In feature area
Development within Caddens Release Area	2010/5429	Not Controlled Action	Completed	In buffer area only
Electricity Substation at Old Wallgrove Road	2005/2220	Not Controlled Action	Completed	In feature area
Erection of a dwelling and associated access and infrastructure, 19 Tidswell Str	2003/1078	Not Controlled Action	Completed	In feature area
gas main installation from Eastern Creek to Erskine Park	2005/2235	Not Controlled Action	Completed	In feature area
hazard reduction burn	2003/1181	Not Controlled Action	Completed	In feature area

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Not controlled action				
Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia	2015/7522	Not Controlled Action	Completed	In feature area
INDIGO Central Submarine Telecommunications Cable	2017/8127	Not Controlled Action	Completed	In buffer area only
Mountain View Classrooms Construction	2001/306	Not Controlled Action	Completed	In buffer area only
Multi User Depot	2002/562	Not Controlled Action	Completed	In buffer area only
Orchard Hills Water Filtration Plant	2001/373	Not Controlled Action	Completed	In buffer area only
Residential Development, Stages 1-3	2002/710	Not Controlled Action	Completed	In buffer area only
Residential development at Doonside Crescent Woodcroft, Blacktown LGA	2004/1378	Not Controlled Action	Completed	In buffer area only
Rezoning & Disposal of Quakers Hill property	2001/281	Not Controlled Action	Completed	In buffer area only
Sale of Land - Lot 1 in DP 533370	2003/1121	Not Controlled Action	Completed	In buffer area only
Wetland rehabilitation, Stage 3, Lakeside Village Estate	2002/628	Not Controlled Action	Completed	In buffer area only
Wonderland Business Park Precinct, Stage 1, Lot D1	2004/1626	Not Controlled Action	Completed	In feature area
Xavier College Extension	2001/455	Not Controlled Action	Completed	In buffer area only
Xavier College High School development	2001/429	Not Controlled Action	Completed	In buffer area only
Not controlled action (particular manner)				
Replacement of flows with recycled water	2006/3050	Not Controlled Action (Particular Manner)	Post-Approval	In feature area
St Mary's Rugby League Club upgrade	2011/6042	Not Controlled Action (Particular Manner)	Post-Approval	In buffer area only
Transfer of Airservices Australia property	2011/5809	Not Controlled Action (Particular Manner)	Post-Approval	In buffer area only
Referral decision				

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Referral decision				
St Marys Rugby League Club new training field	2011/5836	Referral Decision	Completed	In buffer area only

Bioregional Assessments			
SubRegion	BioRegion	Website	Buffer Status
Sydney	Sydney Basin	BA website	In feature area

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 are 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

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

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

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
- 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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