

**SITE PHOTOGRAPHS**



Facing North



Facing East



Facing South



Facing West

**Photo 1 The northwest corner of the FACS land (Photo Point 1, Figure 2)**



Facing North



Facing East



Facing South



Facing West

**Photo 2 The entrance to the FACS land (Photo Point 2, Figure 2)**

**SITE PHOTOGRAPHS**



Facing North



Facing East



Facing South



Facing West

**Photo 3 The western area of the FACS land (Photo Point 3, Figure 2)**



Facing North



Facing East



Facing South



Facing West

**Photo 4 The southwestern corner of the FACS land (Photo Point 4, Figure 2)**

**SITE PHOTOGRAPHS**



Facing North



Facing East



Facing South



Facing West

**Photo 5 The southern areas of the FACS land (Photo Point 5, Figure 2)**



Facing North



Facing East



Facing South



Facing West

**Photo 6 The southeast corner of the FACS land (Photo Point 6, Figure 2)**

**SITE PHOTOGRAPHS**



Facing North



Facing East



Facing South



Facing West

**Photo 7 The southern riparian area of Vineyard Creek (Photo Point 7, Figure 2)**



Facing North



Facing East



Facing South



Facing West

**Photo 8 The central areas of the FACS land (Photo Point 8, Figure 2)**

**SITE PHOTOGRAPHS**



Facing North



Facing East



Facing South



Facing West

**Photo 9 The central riparian area of Vineyard Creek (Photo Point 9, Figure 2)**



Facing North



Facing East



Facing South



Facing West

**Photo 10 The northern riparian area of Vineyard Creek (Photo Point 10, Figure 2)**

**SITE PHOTOGRAPHS**



Facing North



Facing East



Facing South



Facing West

**Photo 11 The northern riparian area of Vineyard Creek (Photo Point 11, Figure 2)**



Facing North



Facing East



Facing South



Facing West

**Photo 12 The northern areas of the DOE land (Photo Point 12, Figure 2)**

**SITE PHOTOGRAPHS**



Facing North



Facing East



Facing South



Facing West

**Photo 13 The western areas of the DOE land (Photo Point 13, Figure 2)**



Facing North



Facing East



Facing South



Facing West

**Photo 14 The central areas of the FACS land (Photo Point 14, Figure 2)**

FLORA SPECIES LIST AND QUADRAT DATA

**NOTES**

- Collected by Fiona Iolini SLR Ecology.
- The floristic data was collected on 25 July 2016 and 15 August 2016.
- Refer to
- Figure 4 for locations of quadrats.
- Quadrats involved the collection of Braun Blanquet Cover Abundance data for each species recorded within a 20m x 20m (400m<sup>2</sup>) area.
- The following Modified Braun Blanquet Cover Abundance scale (Poore, 1955) was used: 1 (<5% uncommon), 2 (<5% common), 3 (5-25%), 4 (25-50%), 5 (50-75%), 6 (75-100%).
- Unknown specimens were sampled and identified using the online PlantNet database (Botanic Gardens Trust 2016), as well as the following field books:
  - *Field Guide to the Native Plants of Sydney* (Robinson 1991)
  - *Weeds of the South-east, An Identification Guide for Australia* (Richardson & Shephard 2007)
  - *Guide to the Grasses of Sydney* (Van Klaphake 2010)
  - *Eucalypts of the Sydney Region* (Van Klaphake 2012)
- Nomenclature (i.e. species names and common names) used in this Appendix is sourced from PlantNet (BGT 2016).

**KEY**

Symbol	Description
*	Exotic species
2	Class 2 Regionally Prohibited Noxious Weed in the Parramatta LGA (DPI 2016); <i>"The plant must be eradicated from the land and that land must be kept free of the plant"</i>
3	Class 3 Regionally Controlled Noxious Weed in the Parramatta LGA (DPI 2016); <i>"The plant must be fully and continuously suppressed and destroyed"</i>
4	Class 4 Locally Controlled Noxious Weed in the Parramatta LGA (DPI 2016) <i>"The growth of the plant must be managed in a manner that continuously inhibits the ability of the plant to spread"</i> and/or <i>"the plant must not be sold, propagated or knowingly distributed"</i>
+	Species is native but is not indigenous to western Sydney
P	Species is indigenous to western Sydney but specimen is likely to have been planted or self-recruited from ornamental plant stock
S	Species is listed as <i>"characteristic"</i> within the Final Determination for the Shale Sandstone Transition Forest, which is listed as a CEEC in the TSC Act and EPBC Act
V	Species is listed as <i>"vulnerable"</i> in the TSC Act
E	Species is listed as <i>"endangered"</i> in the TSC Act

Status	Species name	Common name	Q1	Q2
	<b>Alstroemeriaceae</b>			
*	<i>Alstroemeria pulchella</i>	Parrot Alstroemeria		
	<b>Anacardiaceae</b>			
*	<i>Schinus areira</i>	Pepper Tree		
2	<i>Schinus terebinthifolius</i>	Brazilian Pepper Tree		
	<b>Anthericaceae</b>			
*	<i>Chlorophytum comosum</i>	Spider Plant		2
	<b>Apiaceae</b>			



FLORA SPECIES LIST AND QUADRAT DATA

Status	Species name	Common name	Q1	Q2
*	<i>Foeniculum vulgare</i>	Fennel	2	
	<b>Apocynaceae</b>			
*	<i>Araujia sericifera</i>	Moth Vine		
*	<i>Nerium oleander</i>	Oleander		
	<b>Areceaceae</b>			
*	<i>Syagrus romanzoffiana</i>	Cocos Palm		
	<b>Asparagaceae</b>			
4	<i>Asparagus aethiopicus</i>	Asparagus 'Fern'		1
4	<i>Asparagus asparagoides</i>	Bridal Creeper		
*	<i>Sansevieria trifasciata</i>	Mother-in-law's Tongue		
	<b>Asteraceae</b>			
*	<i>Ageratina adenophora</i>	Crofton Weed		
*	<i>Bidens pilosa</i>	Cobblers Peg		3
4	<i>Senecio madagascariensis</i>	Fireweed		
*	<i>Taraxacum officinale</i>	Dandelion		2
	<b>Basellaceae</b>			
4	<i>Anredera cordifolia</i>	Madeira Vine	3	3
	<b>Bignoniaceae</b>			
*	<i>Jacaranda mimosifolia</i>	Jacaranda		1
4	<i>Tecoma stans</i>	Yellow Bignonia		
	<b>Brassicaceae</b>			
*	<i>Brassica fruticulosa</i>	Twiggy Turnip		2
	<b>Casuarinaceae</b>			
S	<i>Allocasuarina littoralis</i>	Black She-oak		
P	<i>Casuarina glauca</i>	Swamp Oak		
	<b>Chenopodiaceae</b>			
	<i>Einadia trigonos</i>	Fishweed		3
	<b>Commelinaceae</b>			
*	<i>Tradescantia fluminensis</i>	Wandering Jew		3
*	<i>Tradescantia pallida</i>	Purple Queen		
	<b>Convolvulaceae</b>			
S	<i>Dichondra repens</i>	Kidney Weed		
4	<i>Ipomoea cairica</i>	Coastal Morning Glory		
4	<i>Ipomoea indica</i>	Morning Glory		
	<b>Crassulaceae</b>			
4	<i>Bryophyllum delagoense</i>	Mother of millions		3
	<b>Euphorbiaceae</b>			
	<i>Glochidion ferdinandi</i>	Cheese Tree		
4	<i>Ricinus communis</i>	Castor Oil Plant		
	<b>Fabaceae - Caesalpinioideae</b>			
*	<i>Senna pendula</i> var. <i>glabrata</i>	-		
	<b>Fabaceae - Faboideae</b>			
P	<i>Acacia binervia</i>	Coast Myall		
P	<i>Acacia linifolia</i>	White Wattle		
S	<i>Acacia parramattensis</i>	Parramatta Wattle		
*	<i>Erythrina x sykesii</i>	Coral Tree		
S	<i>Glycine clandestina</i>	-		
	<b>Fumariaceae</b>			
*	<i>Fumaria muralis</i> subsp. <i>muralis</i>	Wall Fumitory		

FLORA SPECIES LIST AND QUADRAT DATA

Status	Species name	Common name	Q1	Q2
	<b>Iridaceae</b>			
*	<i>Crocasmia x crocosmiiflora</i>	Montbretia		1
*	<i>Dietes</i> sp.	-		
	<b>Lauraceae</b>			
*	<i>Cinnamomum camphora</i>	Camphor Laurel		
	<b>Lomandraceae</b>			
S	<i>Lomandra longifolia</i>	Spiny-headed Mat-rush		
	<b>Malaceae</b>			
*	<i>Cotoneaster glaucophyllus</i>	Cotoneaster		
	<b>Malvaceae</b>			
*	<i>Modiola caroliniana</i>	Red-flowered Mallow		
*	<i>Sida rhombifolia</i>	Paddy's Lucerne		3
	<b>Meliaceae</b>			
P	<i>Melia azedarach</i>	White Cedar		
	<b>Moraceae</b>			
*	<i>Morus alba</i>	White Mulberry		
	<b>Myrtaceae</b>			
P	<i>Acmena smithii</i>	Lilly Pilly		
	<i>Angophora costata</i>	Smooth-barked Apple		
	<i>Angophora floribunda</i>	Rough-barked Apple		
P	<i>Callistemon</i> sp. cultivar	Bottlebrush		
*	<i>Corymbia citriodora</i>	Lemon-scented Gum		
+	<i>Corymbia ficifolia</i>	Red-flowering Gum		
P	<i>Corymbia maculata</i>	Spotted Gum		
P	<i>Eucalyptus amplifolia</i>	Cabbage Gum		
P	<i>Eucalyptus botryoides</i>	Bangalay		
S	<i>Eucalyptus eugenioides</i>	Thin-leaved Stringybark		
P S	<i>Eucalyptus fibrosa</i>	Red Ironbark		
P	<i>Eucalyptus grandis</i>	Flooded Gum		
	<i>Eucalyptus longifolia</i>	Woollybutt		
+	<i>Eucalyptus maidenii</i>	Maiden's Gum		
+	<i>Eucalyptus melliodora</i>	Yellow Box		4
+	<i>Eucalyptus microcorys</i>	Tallowood		
+ V	<i>Eucalyptus nicholii</i>	Narrow-leaved Black Peppermint		
P	<i>Eucalyptus paniculata</i>	Grey Ironbark		
P	<i>Eucalyptus pilularis</i>	Blackbutt		
	<i>Eucalyptus resinifera</i>	Red Mahogany		
P	<i>Eucalyptus robusta</i>	Swamp Mahogany		
P	<i>Eucalyptus saligna</i>	Sydney Blue Gum		
+ E	<i>Eucalyptus scoparia</i>	Wallangarra White Gum		
P S	<i>Eucalyptus tereticornis</i>	Forest Red Gum	4	
+	<i>Leptospermum petersonii</i>	Lemon-scented Teatree		
+	<i>Lophostemon confertus</i>	Brush Box		
P	<i>Melaleuca linariifolia</i>	Flax-leaved Paperbark		
+	<i>Melaleuca armillaris</i>	Bracelet Honey-myrtle		
P	<i>Melaleuca styphelioides</i>	Prickly-leaved Tea Tree		
P	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark		
P S	<i>Syncarpia glomulifera</i>	Sydney Turpentine		
+ E	<i>Syzygium paniculatum</i>	Magenta Lilly Pilly		
P	<i>Tristaniopsis laurina</i>	Water Gum		
	<b>Musaceae</b>			

FLORA SPECIES LIST AND QUADRAT DATA

Status	Species name	Common name	Q1	Q2
*	<i>Musa</i> sp.	Banana tree		
	<b>Ochnaceae</b>			
*	<i>Ochna serrulata</i>	Mickey Mouse Plant		
	<b>Oleaceae</b>			
4	<i>Ligustrum lucidum</i>	Large-leaved Privet		3
4	<i>Ligustrum sinense</i>	Small-leaved Privet		
4	<i>Olea europaea</i> subsp. <i>cuspidata</i>	African Olive		1
	<b>Oxalidaceae</b>			
*	<i>Oxalis pes-caprae</i>	-		
	<b>Phormiaceae</b>			
S	<i>Dianella caerulea</i> var. <i>producta</i>	-		
	<b>Phyllanthaceae</b>			
S	<i>Breynia oblongifolia</i>	Coffee Bush		
	<b>Pittosporaceae</b>			
P	<i>Hymenosporum flavum</i>	Native Frangipani		
	<i>Pittosporum undulatum</i>	Sweet Pittosporum		
	<b>Plantaginaceae</b>			
*	<i>Plantago lanceolata</i>	Lamb's Tongue		
	<b>Poaceae</b>			
4	<i>Arundo donax</i>	Giant Reed		
*	<i>Chloris gayana</i>	Rhodes Grass		
P	<i>Cynodon dactylon</i>	Common Couch		
*	<i>Ehrharta erecta</i>	Panic Veldtgrass		2
*	<i>Eragrostis curvula</i>	African Lovegrass		2
*	<i>Melinis repens</i>	Red Natal Grass		
	<i>Microlaena stipoides</i>	Weeping Grass		3
S	<i>Panicum simile</i>	Two-colour Panic		
*	<i>Paspalum dilatatum</i>	Paspalum		2
*	<i>Pennisetum clandestinum</i>	Kikuyu	3	4
4	<i>Phyllostachys aurea</i>	Fishpole Bamboo		
*	<i>Setaria parviflora</i>	-		
	<b>Podocarpaceae</b>			
P	<i>Podocarpus elatus</i>	Plum Pine		
	<b>Polygonaceae</b>			
*	<i>Acetosa sagittata</i>	Rambling Dock		
	<b>Proteaceae</b>			
+	<i>Grevillea robusta</i>	Silky Oak		
+	<i>Grevillea</i> sp. cultivar	A Grevillea hybrid		
	<b>Rosaceae</b>			
4	<i>Rubus anglocandicans</i>	Blackberry		
	<b>Rubiaceae</b>			
*	<i>Galium aparine</i>	Goosegrass	3	
	<b>Sapindaceae</b>			
4	<i>Cardiospermum grandiflorum</i>	Balloon Vine	6	
	<b>Solanaceae</b>			
3	<i>Cestrum parqui</i>	Green Cestrum	3	
*	<i>Solanum mauritianum</i>	Wild Tobacco Bush		
*	<i>Solanum nigrum</i>	Black-berry Nightshade		
	<b>Tropaeolaceae</b>			

**Appendix B**

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## FLORA SPECIES LIST AND QUADRAT DATA

Status	Species name	Common name	Q1	Q2
*	<i>Tropaeolum majus</i>	Nasturtium		
	<b>Verbenaceae</b>			
4	<i>Lantana camara</i>	Lantana	3	3
*	<i>Verbena bonariensis</i>	Purpletop		
	<b>Violaceae</b>			
	<i>Melicytus dentatus</i>	Tree Violet		

FAUNA SPECIES LIST

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**KEY**

**Symbol Description**

S	Sighted
H	Heard calling
D	Droppings observed
V	Species is listed as “ <i>vulnerable</i> ” in the TSC Act
E	Species is listed as “ <i>endangered</i> ” in the TSC Act
P	Probable Identification. Some possibility of confusion of calls with those of other bat species.

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Status	Species name	Common name
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**AVES**

	<b>Acanthizidae</b>	
S	<i>Acanthiza pusilla</i>	Brown Thornbill
	<b>Accipitridae</b>	
S	<i>Elanus axillaris</i>	Black-shouldered Kite
	<b>Artamidae</b>	
S	<i>Cracticus torquatus</i>	Grey Butcherbird
S	<i>Gymnorhina tibicen</i>	Magpie
	<b>Campephagidae</b>	
H	<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike
	<b>Cacatuidae</b>	
S	<i>Cacatua galerita</i>	Sulphur-crested Cockatoo
	<b>Charadriidae</b>	
S	<i>Vanellus miles</i>	Masked Lapwing
	<b>Columbidae</b>	
S	<i>Ocyphaps lophotes</i>	Crested Pigeon
	<b>Corvidae</b>	
S	<i>Corvus coronoides</i>	Australian Raven
	<b>Halcyonidae</b>	
S	<i>Dacelo novaeguineae</i>	Kookaburra
	<b>Hirundinidae</b>	
S	<i>Hirundo neoxena</i>	Welcome Swallow
	<b>Maluridae</b>	
S	<i>Malurus cyaneus</i>	Superb Fairy-wren
	<b>Megapodiidae</b>	
S	<i>Alectura lathami</i>	Australian brush-turkey
	<b>Meliphagidae</b>	
H	<i>Acanthorhynchus tenuirostris</i>	Eastern Spinebill
S	<i>Manorina melanocephala</i>	Noisy Miner
	<b>Petroicidae</b>	
S	<i>Eopsaltria australis</i>	Eastern Yellow Robin
	<b>Psittacidae</b>	
S	<i>Alisterus scapularis</i>	King Parrot
S	<i>Trichoglossus haematodus</i>	Rainbow Lorikeet

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FAUNA SPECIES LIST

Status	Species name	Common name
<b>Rhipiduridae</b>		
S	<i>Rhipidura leucophrys</i>	Willie Wagtail
S	<i>Rhipidura albiscapa</i>	Grey Fantail
<b>Threskiornithidae</b>		
S	<i>Threskiornis moluccus</i>	Australian Ibis
<b>Zosteropidae</b>		
S	<i>Zosterops lateralis</i>	Silvereye
<b>MAMMALS</b>		
<b>Canidae</b>		
*	<i>Vulpes vulpes</i>	Fox
<b>Phalangeridae</b>		
D	<i>Trichosurus vulpecula</i>	Common Brushtail Possum
<b>Pseudocheiridae</b>		
D	<i>Pseudocheirus peregrinus</i>	Common Ringtail Possum
<b>Vespertilionidae</b>		
V,P	<i>Miniopterus schreibersii oceanensis</i>	Eastern Bent-wing Bat
P	<i>Vespadelus regulus</i>	Southern Forest Bat
<b>AMPHIBIANS</b>		
<b>Myobatrachidae</b>		
H	<i>Crinia signifera</i>	Common Eastern Froglet
<b>REPTILES</b>		
<b>Scincidae</b>		
S	<i>Lampropholis guichenoti</i>	Garden Skink

THREATENED SPECIES LIKELIHOOD OF OCCURRENCE

**NOTES**

- The table below is based on data obtained from the *Atlas of NSW Wildlife* website (<http://www.bionet.nsw.gov.au/>), and the following notes accompany the dataset:
  - Data from the BioNet Atlas of NSW Wildlife website, which holds records from a number of custodians. The data are only indicative and cannot be considered a comprehensive inventory, and may contain errors and omissions.
  - Species listed under the Sensitive Species Data Policy may have their locations denatured (^ rounded to 0.1°; ^^ rounded to 0.01°).
  - Copyright the State of NSW through the Office of Environment and Heritage.
  - Search criteria: Licensed Report of all Valid Records of Threatened (listed on TSC Act 1995) Entities in selected area [North: -33.71 West: 150.91 East: 151.13 South: -33.89] returned a total of 14,740 records of 96 species. Report generated on 20/06/2016 1:00 PM

**KEY**

<b>TSC Act Status</b>	<b>The “<i>threatened species</i>” listing in the <i>Threatened Species Conservation Act 1995</i></b>
V	Species listed as “ <i>vulnerable</i> ”
E1	Species listed as “ <i>endangered</i> ”
E2	“ <i>endangered population</i> ”
E4A	Species listed as “ <i>critically endangered</i> ”
<b>EPBC Act Status</b>	<b>Matters of national environmental significance listed under the <i>Commonwealth Environment Protection and Biodiversity Conservation Act 1999</i></b>
CE	Species listed as “ <i>critically endangered</i> ”
E	Species listed as “ <i>endangered</i> ”
V	Species listed as “ <i>vulnerable</i> ”
C,J,K	CAMBA, JAMBA, KAMBA
X	Species listed as “ <i>extinct</i> ”
M	Species listed as “ <i>migratory</i> ”
<b>Records</b>	<b>The number of records of the relevant “<i>threatened species</i>” listed in the search area</b>
<b>Relevance</b>	<b>The potential relevance that the site might have for the “<i>threatened species</i>”.</b>
H	High
M	Moderate
L	Low
VL	Very Low
N	None

THREATENED SPECIES LIKELIHOOD OF OCCURRENCE

Scientific Name	Common Name	Habitat	TSC Act Status	EPBC Act Status	Records	Relevance
<b>PLANTS</b>						
<b>Apocynaceae</b>						
<i>Marsdenia viridiflora</i> subsp. <i>viridiflora</i>	-	Grows in vine thickets and open shale woodland.	E2	-	5	VL
<b>Campanulaceae</b>						
<i>Wahlenbergia multicaulis</i>	Tadgell's Bluebell	Found in disturbed sites and grows in a variety of habitats including forest, woodland, scrub, grassland and the edges of watercourses and wetlands.	E2	-	64	M
<b>Convolvulaceae</b>						
<i>Wilsonia backhousei</i>	Narrow-leafed Wilsonia	This is a species of the margins of salt marshes and lakes.	V	-	97	N
<b>Dilleniaceae</b>						
<i>Hibbertia superans</i>	-	Occurs in both open woodland and heathland, and appears to prefer open disturbed areas, such as tracksides.	E1	-	47	L
<b>Elaeocarpaceae</b>						
<i>Tetradlea glandulosa</i>	-	Vegetation structure varies from heaths and scrub to woodlands/open woodlands, and open forest.	V	-	60	N
<i>Tetradlea juncea</i>	Black-eyed Susan	Found in low open forest/woodland with a mixed shrub understorey and grassy groundcover.	V	V	1	N
<b>Ericaceae</b>						
<i>Epacris purpurascens</i> var. <i>purpurascens</i>	-	Found in a range of habitat types, most of which have a strong shale soil influence.	V	-	129	N
<b>Fabaceae - Faboideae</b>						
<i>Dillwynia tenuifolia</i>	-	In western Sydney, may be locally abundant particularly within scrubby/dry heath areas within Castlereagh Ironbark Forest and Shale Gravel Transition Forest on tertiary alluvium or laterised clays	V	-	2	N
<i>Pultenaea parviflora</i>	-	May be locally abundant, particularly within scrubby/dry heath areas within Castlereagh Ironbark Forest and Shale Gravel Transition Forest on tertiary alluvium or laterised clays	E1	V	1	N
<i>Pultenaea pedunculata</i>	Matted Bush-pea	NSW populations are generally among woodland vegetation but plants have also been found on road batters and coastal cliffs	E1	-	12	L



THREATENED SPECIES LIKELIHOOD OF OCCURRENCE

Scientific Name	Common Name	Habitat	TSC Act Status	EPBC Act Status	Records	Relevance
<b>Fabaceae - Mimosoideae</b>						
<i>Acacia bynoeana</i>	Bynoe's Wattle	In heath and dry sclerophyll forest, in sandy soils	E1	V	3	N
<i>Acacia clunies-rossiae</i>	Kanangra Wattle	Grows in dry sclerophyll forest on skeletal soils on rocky slopes, or on alluvium along creeks.	V	-	1	VL
<i>Acacia pubescens</i>	Downy Wattle	On alluvia, shales and at the intergrade between shales and sandstones	V	V	171	L
<b>Grammitidaceae</b>						
<i>Grammitis stenophylla</i>	Narrow-leaf Finger Fern	Moist places, usually near streams, on rocks or in trees, in rainforest and moist eucalypt forest	E1,3	-	2	L
<b>Haloragaceae</b>						
<i>Haloragodendron lucasii</i>	-	Associated with dry sclerophyll forest	E1	E	1	VL
<b>Lamiaceae</b>						
<i>Prostanthera marifolia</i>	Seaforth Mintbush	Located on deeply weathered clay-loam soils associated with ironstone and scattered shale lenses	E4A,,3	CE	1	N
<b>Lobeliaceae</b>						
<i>Hypsela sessiliflora</i>	-	Known to grow in damp places, on the Cumberland Plain, including freshwater wetland, grassland/alluvial woodland and an alluvial woodland/shale plains woodland (Cumberland Plain Woodland) ecotone	E1,3	X	2	VL
<b>Malvaceae</b>						
<i>Lasiopetalum joyceae</i>	-	Grows in heath on sandstone	V	V	2	N
<b>Myrtaceae</b>						
<i>Callistemon linearifolius</i>	Netted Bottle Brush	Grows in dry sclerophyll forest on the coast and adjacent ranges.	V,3	-	10	L
<i>Darwinia biflora</i>	-	Heath on sandstone or in the understorey of woodland on shale-capped ridges	V	V	66	N
<i>Darwinia peduncularis</i>	-	Usually grows on or near rocky outcrops on sandy, well drained, low nutrient soil over sandstone	V	-	1	VL
<i>Eucalyptus camfieldii</i>	Camfield's Stringybark	Occurs mostly in small scattered stands near the boundary of tall coastal heaths and low open woodland of the slightly more fertile inland areas	V	V	2	N
<i>Eucalyptus nicholii</i>	Narrow-leaved Black Peppermint	Typically grows in dry grassy woodland, on shallow soils of slopes and ridges	V	V	8	VL
<i>Eucalyptus scoparia</i>	Wallangarra White Gum	Found in open eucalypt forest, woodland and heaths on well-drained granite/rhyolite hilltops, slopes and rocky outcrops, typically at high	E1	V	2	VL

THREATENED SPECIES LIKELIHOOD OF OCCURRENCE

Scientific Name	Common Name	Habitat	TSC Act Status	EPBC Act Status	Records	Relevance
<i>Leptospermum deanei</i>	-	altitudes Woodland on lower hill slopes or near creeks	V	V	14	L
<i>Melaleuca biconvexa</i>	Biconvex Paperbark	Biconvex Paperbark generally grows in damp places, often near streams or low-lying areas on alluvial soils of low slopes or sheltered aspects	V	V	1	N
<i>Melaleuca deanei</i>	Deane's Paperbark	Wet heath on sandstone in coastal districts	V	V	11	L
<i>Syzygium paniculatum</i>	Magenta Lilly Pilly	Subtropical and littoral rainforest on sandy soils or stabilised dunes near the coast	E1	V	11	L
<i>Triplarina imbricata</i>	Creek Triplarina	Occurs along watercourses in low open forest with Water Gum <i>Tristaniopsis laurina</i> or in montane bogs	E1	E	4	L
<b>Orchidaceae</b>						
^^ <i>Caladenia tessellata</i>	Thick Lip Spider Orchid	Generally found in grassy sclerophyll woodland on clay loam or sandy soils	E1,2	V	1	VL
^^ <i>Genoplesium baueri</i>	Bauer's Midge Orchid	Grows in dry sclerophyll forest and moss gardens over sandstone	E1,2	E	10	N
^^ <i>Genoplesium plumosum</i>	Tallong Midge Orchid	Grows on very shallow soils, often with lichens and mosses on sandstone conglomerate rock shelves	E4A,2	E	1	N
^^ <i>Pterostylis nigricans</i>	Dark Greenhood	Coastal heathland with Heath Banksia ( <i>Banksia ericifolia</i> ), and lower-growing heath with lichen-encrusted and relatively undisturbed soil surfaces, on sandy soils	V,2	-	1	N
^ <i>Pterostylis saxicola</i>	Sydney Plains Greenhood	Shallow soil over sandstone outcrops, often near water courses	E1,2	E	1	VL
<b>Poaceae</b>						
<i>Deyeuxia appressa</i>	-	Given that <i>D. appressa</i> hasn't been seen in over 60 years, almost nothing is known of the species' habitat and ecology	E1,	E	1	N
<b>Proteaceae</b>						
<i>Grevillea beadleana</i>	Beadle's Grevillea	Open eucalypt forest with a shrubby understorey	E1,3	E	1	N
<i>Grevillea caleyi</i>	Caley's Grevillea	All sites occur on the ridgetop between elevations of 170 to 240m asl, in association with laterite soils and a vegetation community of open forest	E4A,3	E	1	N
<i>Grevillea juniperina</i> subsp. <i>juniperina</i>	Juniper-leaved Grevillea	Reddish clay to sandy soils derived from Wianamatta Shale and Tertiary alluvium, usually on Cumberland Plain Woodland and Shale/Gravel Transition Forest	V	-	1	N
<i>Persoonia hirsuta</i>	Hairy Geebung	Dry sclerophyll open forest, woodland and heath on sandstone	E1,3	E	16	L
<i>Persoonia nutans</i>	Nodding Geebung	Woodland to dry sclerophyll forest on laterite and alluvial sand	E1	E	9	L

THREATENED SPECIES LIKELIHOOD OF OCCURRENCE

Scientific Name	Common Name	Habitat	TSC Act Status	EPBC Act Status	Records	Relevance
<b>Rhamnaceae</b>						
<i>Pomaderris prunifolia</i>	-	Shale to sandstone, woodland habitats, often in gully lines or near smaller water courses. The record of this species at Parramatta occurs along a road reserve near a creek, among grass species on sandstone.	E2	-	18	L
<b>Rubiaceae</b>						
<i>Galium australe</i>	Tangled Bedstraw	In NSW (and ACT Territory in Jervis Bay), Tangled Bedstraw has been recorded in Turpentine forest and coastal Acacia shrubland	E1	-	2	VL
<b>Thymelaeaceae</b>						
<i>Pimelea curviflora</i> var. <i>curviflora</i>	-	Occurs on shaley/lateritic soils over sandstone and shale/sandstone transition soils on ridgetops and upper slopes amongst woodlands	V	V	21	L
<i>Pimelea spicata</i>	Spiked Rice-flower	In both the Cumberland Plain and Illawarra environments this species is found on well-structured clay soils	E1	E	72	L
<b>Zannichelliaceae</b>						
<i>Zannichellia palustris</i>	-	Grows in fresh or slightly saline stationary or slowly flowing water	E1	-	4	VL
<b>AMPHIBIANS</b>						
<b>Myobatrachidae</b>						
<i>Pseudophryne australis</i>	Red-crowned Toadlet	Sandstone ridges, creeks and drainage lines of the Sydney Basin	V	-	16	L
<b>Myobatrachidae</b>						
<i>Litoria aurea</i>	Green and Golden Bell Frog	Inhabits marshes, dams and stream-sides, particularly those containing bullrushes ( <i>Typha</i> spp.) or spikerushes ( <i>Eleocharis</i> spp.). Optimum habitat includes water-bodies that are unshaded, free of predatory fish such as Plague Minnow ( <i>Gambusia holbrooki</i> ), have a grassy area nearby and diurnal sheltering sites available.	E1	V	12088	M
<b>AVES</b>						
<b>Anatidae</b>						
<i>Stictonetta naevosa</i>	Freckled Duck	Permanent fresh water swamps and creeks with heavy growth of cumbungi (bullrushes), lignum or tea-tree	V	-	1	VL
<b>Columbidae</b>						
<i>Ptilinopus superbus</i>	Superb Fruit-Dove	Inhabits rainforest and similar closed forests where it forages high in the canopy, eating the fruits of many tree species such as figs and palms	V	-	5	L

THREATENED SPECIES LIKELIHOOD OF OCCURRENCE

Scientific Name	Common Name	Habitat	TSC Act Status	EPBC Act Status	Records	Relevance
<b>Ardeidae</b>						
<i>Botaurus poiciloptilus</i>	Australasian Bittern	Favours permanent freshwater wetlands with tall, dense vegetation	E1	E	8	L
<i>Ixobrychus flavicollis</i>	Black Bittern	Inhabits both terrestrial and estuarine wetlands, generally in areas of permanent water and dense vegetation	V	-	5	L
<b>Accipitridae</b>						
<i>Circus assimilis</i>	Spotted Harrier	Open wooded country in tropical and temperate Australia, particularly in arid and semi-arid areas	V	-	2	L
<i>Hieraaetus morphnoides</i>	Little Eagle	Occupies open eucalypt forest, woodland or open woodland	V	-	12	M
<i>Lophoictinia isura</i>	Square-tailed Kite	Open eucalypt woodlands with mature trees	V,3	-	2	L
<i>Pandion cristatus</i>	Eastern Osprey	Favour coastal areas, especially the mouths of large rivers, lagoons and lakes	V,3	-	2	L
<b>Falconidae</b>						
<i>Falco hypoleucos</i>	Grey Falcon	Usually restricted to shrubland, grassland and wooded watercourses of arid and semi-arid regions, although it is occasionally found in open woodlands near the coast	E1,2	-	1	L
<i>Falco subniger</i>	Black Falcon	Tree-lined watercourses and in isolated woodlands, mainly in arid and semi-arid areas.	V	-	2	L
<b>Haematopodidae</b>						
<i>Haematopus fuliginosus</i>	Sooty Oystercatcher	Favours rocky headlands, rocky shelves, exposed reefs with rock pools, beaches and muddy estuaries.	V	-	3	VL
<b>Charadriidae</b>						
<i>Charadrius leschenaultii</i>	Greater Sand-plover	Almost entirely restricted to coastal areas in NSW, occurring mainly on sheltered sandy, shelly or muddy beaches or estuaries with large intertidal mudflats or sandbanks	V	V,C,J,K	1	VL
<b>Rostratulidae</b>						
<i>Rostratula australis</i>	Australian Painted Snipe	Prefers fringes of swamps, dams and nearby marshy areas where there is a cover of grasses, lignum, low scrub or open timber	E1	E	2	L
<b>Scolopacidae</b>						
<i>Calidris ferruginea</i>	Curlew Sandpiper	It generally occupies littoral and estuarine habitats, and in New South Wales is mainly found in intertidal mudflats of sheltered coasts	E1	CE,C,J,K	347	L
<i>Calidris tenuirostris</i>	Great Knot	Occurs within sheltered, coastal habitats containing large, intertidal	V	CE,C,J,K	1	VL

THREATENED SPECIES LIKELIHOOD OF OCCURRENCE

Scientific Name	Common Name	Habitat	TSC Act Status	EPBC Act Status	Records	Relevance
<i>Limicola falcinellus</i>	Broad-billed Sandpiper	mudflats or sandflats, including inlets, bays, harbours, estuaries and lagoons favour sheltered parts of the coast such as estuarine sandflats and mudflats, harbours, embayments, lagoons, saltmarshes and reefs as feeding and roosting habitat	V	C,J,K	2	L
<i>Limosa limosa</i>	Black-tailed Godwit	Usually found in sheltered bays, estuaries and lagoons with large intertidal mudflats and/or sandflats	V	C,J,K	13	L
<i>Xenus cinereus</i>	Terek Sandpiper	Favours mudbanks and sandbanks located near mangroves	V	C,J,K	1	VL
<b>Laridae</b>						
<i>Sternula albifrons</i>	Little Tern	Almost exclusively coastal, preferring sheltered environments	E1	C,J,K	6	L
<b>Cacatuidae</b>						
^^ <i>Callocephalon fimbriatum</i>	Gang-gang Cockatoo	Tall mountain forests and woodlands, with dense shrubby understoreys in summer, drier, more open forests and woodlands in winter	V,3	-	60	L
<i>Callocephalon fimbriatum</i>	-	Tall mountain forests and woodlands, with dense shrubby understoreys in summer, drier, more open forests and woodlands in winter	E2,V,3	-	57	L
^^ <i>Calyptorhynchus lathami</i>	Glossy Black Cockatoo	Woodland dominated by <i>Allocasuarina</i>	V,2	-	5	L
<b>Psittacidae</b>						
<i>Glossopsitta pusilla</i>	Little Lorikeet	Dry, open sclerophyll forests and woodlands, usually dominated by tall eucalypts, especially box-ironbark species including White Box and Yellow Box, where they forage in the canopy of flowering trees	V	-	14	L
<i>Lathamus discolor</i>	Swift Parrot	Dry sclerophyll forests and woodlands, suburban parks and gardens and flowering fruit trees	E1,3	CE	26	L
<i>Polytelis swainsonii</i>	Superb Parrot	Inhabit Box-Gum, Box-Cypress-pine and Boree Woodlands and River Red Gum Forest	V,3	V	2	L
<b>Strigidae</b>						
<i>Ninox connivens</i>	Barking Owl	Open woodlands and forest edge habitats where forest meets farmlands, more common in dry forest types with large mature trees	V,3	-	7	L
<i>Ninox strenua</i>	Powerful Owl	Areas of old growth forests that contain mature hollow-bearing eucalypt trees	V,3	-	236	M
<b>Tytonidae</b>						
<i>Tyto longimembris</i>	Eastern Grass Owl	Eastern Grass Owls are found in areas of tall grass, including grass tussocks, in swampy areas, grassy plains, swampy heath, and in cane	V,3	-	1	VL

THREATENED SPECIES LIKELIHOOD OF OCCURRENCE

Scientific Name	Common Name	Habitat	TSC Act Status	EPBC Act Status	Records	Relevance
		grass or sedges on flood plains				
<b>Meliphagidae</b>						
<i>Anthochaera phrygia</i>	Regent Honeyeater	Eucalypt forests, mostly occurs on western slopes of the Great Dividing Range	E4A	CE	9	L
<i>Epthianura albifrons</i>	White-fronted Chat	Salt marsh and other damp areas with low vegetation, swampy farmlands; also adjacent to lakes	V	-	211	L
<i>Epthianura albifrons</i>	-	Salt marsh and other damp areas with low vegetation, swampy farmlands; also adjacent to lakes	E2,V	-	211	L
<i>Grantiella picta</i>	Painted Honeyeater	Inhabits Boree/ Weeping Myall ( <i>Acacia pendula</i> ), Brigalow ( <i>A. harpophylla</i> ) and Box-Gum Woodlands and Box-Ironbark Forests. Nest from spring to autumn	V	V		L
<b>Neosittidae</b>						
<i>Daphoenositta chrysoptera</i>	Varied Sittella	Eucalypt woodlands and forests with rough-barked trees like stringybarks and ironbarks or mature trees with hollows or dead branches (bird.net.au)	V	-	2	L
<b>Petroicidae</b>						
<i>Petroica boodang</i>	Scarlet Robin	Open forests and woodlands; frequents open grassland areas during winter	V	-	7	L
<i>Petroica phoenicea</i>	Flame Robin	Forests and woodlands up to about 1800m above sea level	V	-	1	VL
<i>Petroica rodinogaster</i>	Pink Robin	Deep gullies in dense shrub layers of damp and wet forests or rainforests; more open areas during summer	V	-	1	VL
<b>MAMMALS</b>						
<b>Dasyuridae</b>						
<i>Dasyurus maculatus</i>	Spotted- tailed Quoll	Range of forest types; mostly denser old growth forests with suitable den sites such as rock crevices	V	E	5	L
<b>Peramelidae</b>						
<i>Perameles nasuta</i>	Long-nosed Bandicoot	Shelter mostly under older houses and buildings	E2	-	1	L
<b>Phascolarctidae</b>						
<i>Phascolarctos cinereus</i>	Koala	Open eucalypt forests	V	V	1	L

THREATENED SPECIES LIKELIHOOD OF OCCURRENCE

Scientific Name	Common Name	Habitat	TSC Act Status	EPBC Act Status	Records	Relevance
<b>Burramyidae</b>						
<i>Cercartetus nanus</i>	Eastern Pygmy-possum	Found in a broad range of habitats from rainforest through sclerophyll (including Box-Ironbark) forest and woodland to heath	V	-	1	VL
<b>Pteropodidae</b>						
<i>Pteropus poliocephalus</i>	Grey-headed Flying Fox	Rainforests, open forests, closed and open woodlands, melaleuca swamps and banksia woodlands	V	V	220	M
<b>Emballonuridae</b>						
<i>Saccolaimus flaviventris</i>	Yellow-bellied Sheath-tail-bat	Roosts in tree hollows and buildings. Forages in most habitats across its very wide range, with and without trees	V	-	9	M
<b>Molossidae</b>						
<i>Mormopterus norfolkensis</i>	Eastern Freetail Bat	Open forests with mature hollow-bearing trees	V	-	26	M
<b>Vespertilionidae</b>						
<i>Chalinolobus dwyeri</i>	Large-eared Pied Bat	Sandstone cliffs and fertile woodland valley habitat	V	V	1	L
<i>Falsistrellus tasmaniensis</i>	Eastern False Pipistrelle	Tall, mature, wet forests with hollow-bearing trees	V	-	13	M
<i>Miniopterus australis</i>	Little Bent-wing Bat	Tall open forests, favours areas with caves or other shelters	V	-	5	M
<i>Miniopterus schreibersii oceanensis</i>	Eastern Bent-wing Bat	Tall open forests, favours areas with caves or other shelters	V	-	149	P
<i>Myotis macropus</i>	Southern Myotis	Open forests with mature hollow-bearing trees, usually close to water courses	V	-	26	M
<i>Scoteanax rueppellii</i>	Greater Broad-nosed Bat	Rainforest, dry and wet sclerophyll forest and eucalypt woodland	V	-	11	L
<b>GASTROPODS</b>						
<b>Camaenidae</b>						
<i>Meridolum corneovirens</i>	Cumberland Plain Land Snail	Open woodlands and grasslands with logs and wood debris	E1	-	11	L



**Australian Government**  
**Department of the Environment**

## EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected.

Information on the coverage of this report and qualifications on data supporting this report are contained in the caveat at the end of the report.

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

Report created: 01/07/16 15:26:43

### [Summary](#)

### [Details](#)

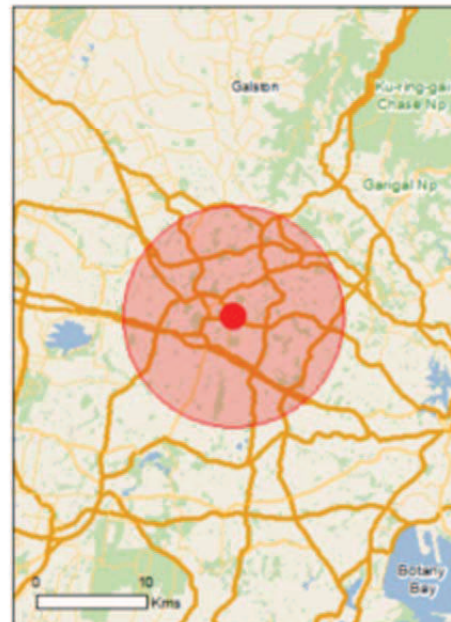
[Matters of NES](#)

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

[Extra Information](#)

### [Caveat](#)

### [Acknowledgements](#)



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Buffer: 10.0Km





EPBC ACT PROTECTED MATTERS REPORT

## Summary

### Matters of National Environmental Significance

This part of the report summarises the matters of national environmental significance that may occur in, or may relate to, the area you nominated. Further information is available in the detail part of the report, which can be accessed by scrolling or following the links below. If you are proposing to undertake an activity that may have a significant impact on one or more matters of national environmental significance then you should consider the [Administrative Guidelines on Significance](#).

<a href="#">World Heritage Properties:</a>	2
<a href="#">National Heritage Places:</a>	1
<a href="#">Wetlands of International Importance:</a>	None
<a href="#">Great Barrier Reef Marine Park:</a>	None
<a href="#">Commonwealth Marine Area:</a>	None
<a href="#">Listed Threatened Ecological Communities:</a>	9
<a href="#">Listed Threatened Species:</a>	75
<a href="#">Listed Migratory Species:</a>	54

### Other Matters Protected by the EPBC Act

This part of the report summarises other matters protected under the Act that may relate to the area you nominated. Approval may be required for a proposed activity that significantly affects the environment on Commonwealth land, when the action is outside the Commonwealth land, or the environment anywhere when the action is taken on Commonwealth land. Approval may also be required for the Commonwealth or Commonwealth agencies proposing to take an action that is likely to have a significant impact on the environment anywhere.

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

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

<a href="#">Commonwealth Land:</a>	25
<a href="#">Commonwealth Heritage Places:</a>	3
<a href="#">Listed Marine Species:</a>	61
<a href="#">Whales and Other Cetaceans:</a>	None
<a href="#">Critical Habitats:</a>	None
<a href="#">Commonwealth Reserves Terrestrial:</a>	None
<a href="#">Commonwealth Reserves Marine:</a>	None

### Extra Information

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

<a href="#">State and Territory Reserves:</a>	4
<a href="#">Regional Forest Agreements:</a>	None
<a href="#">Invasive Species:</a>	55
<a href="#">Nationally Important Wetlands:</a>	2
<a href="#">Key Ecological Features (Marine):</a>	None

EPBC ACT PROTECTED MATTERS REPORT

## Details

### Matters of National Environmental Significance

World Heritage Properties		[ Resource Information ]
Name	State	Status
<a href="#">Australian Convict Sites (Old Government House and Domain Buffer Zone)</a>	NSW	Buffer zone
<a href="#">Australian Convict Sites (Old Government House and Domain)</a>	NSW	Declared property

National Heritage Properties		[ Resource Information ]
Name	State	Status
Historic		
<a href="#">Old Government House and the Government Domain</a>	NSW	Listed place

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

Name	Status	Type of Presence
<a href="#">Blue Gum High Forest of the Sydney Basin Bioregion</a>	Critically Endangered	Community likely to occur within area
<a href="#">Castlereagh Scribbly Gum and Agnes Banks Woodlands of the Sydney Basin Bioregion</a>	Endangered	Community may occur within area
<a href="#">Coastal Upland Swamps in the Sydney Basin Bioregion</a>	Endangered	Community likely to occur within area
<a href="#">Cooks River/Castlereagh Ironbark Forest of the Sydney Basin Bioregion</a>	Critically Endangered	Community likely to occur within area
<a href="#">Cumberland Plain Shale Woodlands and Shale-Gravel Transition Forest</a>	Critically Endangered	Community likely to occur within area
<a href="#">Shale Sandstone Transition Forest of the Sydney Basin Bioregion</a>	Critically Endangered	Community likely to occur within area
<a href="#">Subtropical and Temperate Coastal Saltmarsh</a>	Vulnerable	Community likely to occur within area
<a href="#">Turpentine-Ironbark Forest in the Sydney Basin Bioregion</a>	Critically Endangered	Community likely to occur within area
<a href="#">Western Sydney Dry Rainforest and Moist Woodland on Shale</a>	Critically Endangered	Community likely to occur within area

Listed Threatened Species		[ Resource Information ]
Name	Status	Type of Presence
Birds		
<a href="#">Anthochaera phrygia</a> Regent Honeyeater [82338]	Critically Endangered	Species or species habitat known to occur within area
<a href="#">Botaurus poiciloptilus</a> Australasian Bittern [1001]	Endangered	Species or species habitat known to occur within area
<a href="#">Calidris canutus</a> Red Knot, Knot [855]	Endangered	Foraging, feeding or related behaviour known to occur within area
<a href="#">Calidris ferruginea</a> Curlew Sandpiper [856]	Critically Endangered	Foraging, feeding or related behaviour known to occur within area
<a href="#">Calidris tenuirostris</a> Great Knot [862]	Critically Endangered	Foraging, feeding or related behaviour known to occur within area

EPBC ACT PROTECTED MATTERS REPORT

Name	Status	Type of Presence
<a href="#">Charadrius leschenaultii</a> Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
<a href="#">Charadrius mongolus</a> Lesser Sand Plover, Mongolian Plover [879]	Endangered	Foraging, feeding or related behaviour known to occur within area
<a href="#">Dasyornis brachypterus</a> Eastern Bristlebird [533]	Endangered	Species or species habitat likely to occur within area
<a href="#">Diomedea antipodensis</a> Antipodean Albatross [64458]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Diomedea antipodensis gibsoni</a> Gibson's Albatross [82270]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Diomedea epomophora (sensu stricto)</a> Southern Royal Albatross [1072]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Diomedea exulans (sensu lato)</a> Wandering Albatross [1073]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Diomedea sanfordi</a> Northern Royal Albatross [64456]	Endangered	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Grantiella picta</a> Painted Honeyeater [470]	Vulnerable	Species or species habitat may occur within area
<a href="#">Lathamus discolor</a> Swift Parrot [744]	Critically Endangered	Species or species habitat likely to occur within area
<a href="#">Limosa lapponica baueri</a> Bar-tailed Godwit (baueri), Western Alaskan Bar-tailed Godwit [86380]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Limosa lapponica menzbieri</a> Northern Siberian Bar-tailed Godwit, Bar-tailed Godwit (menzbieri) [86432]	Critically Endangered	Species or species habitat may occur within area
<a href="#">Macronectes giganteus</a> Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area
<a href="#">Macronectes halli</a> Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may occur within area
<a href="#">Numenius madagascariensis</a> Eastern Curlew [847]	Critically Endangered	Foraging, feeding or related behaviour known to occur within area
<a href="#">Pachyptila turtur subantarctica</a> Fairy Prion (southern) [64445]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Rostratula australis</a> Australian Painted Snipe [77037]	Endangered	Species or species habitat likely to occur within area
<a href="#">Sternula nereis nereis</a> Australian Fairy Tern [82950]	Vulnerable	Breeding likely to occur within area
<a href="#">Thalassarche bulleri</a> Buller's Albatross, Pacific Albatross [64460]	Vulnerable	Species or species

EPBC ACT PROTECTED MATTERS REPORT

Name	Status	Type of Presence
<a href="#">Thalassarche cauta_cauta</a> Shy Albatross, Tasmanian Shy Albatross [82345]	Vulnerable	habitat may occur within area  Foraging, feeding or related behaviour likely to occur within area
<a href="#">Thalassarche cauta_steady</a> White-capped Albatross [82344]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Thalassarche eremita</a> Chatham Albatross [64457]	Endangered	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Thalassarche impavida</a> Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area
<a href="#">Thalassarche melanophris</a> Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area
<a href="#">Thalassarche salvini</a> Salvin's Albatross [64463]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<b>Fish</b>		
<a href="#">Epinephelus daemeli</a> Black Rockcod, Black Cod, Saddled Rockcod [68449]	Vulnerable	Species or species habitat likely to occur within area
<a href="#">Macquaria australasica</a> Macquarie Perch [66632]	Endangered	Species or species habitat may occur within area
<a href="#">Prototroctes maraena</a> Australian Grayling [26179]	Vulnerable	Species or species habitat may occur within area
<b>Frogs</b>		
<a href="#">Heleioporus australiacus</a> Giant Burrowing Frog [1973]	Vulnerable	Species or species habitat likely to occur within area
<a href="#">Litoria aurea</a> Green and Golden Bell Frog [1870]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Litoria littlejohni</a> Littlejohn's Tree Frog, Heath Frog [64733]	Vulnerable	Species or species habitat may occur within area
<a href="#">Litoria raniformis</a> Growling Grass Frog, Southern Bell Frog, Green and Golden Frog, Warty Swamp Frog [1828]	Vulnerable	Species or species habitat may occur within area
<a href="#">Mixophyes balbus</a> Stuttering Frog, Southern Barred Frog (in Victoria) [1942]	Vulnerable	Species or species habitat likely to occur within area
<b>Mammals</b>		
<a href="#">Chalinolobus dwyeri</a> Large-eared Pied Bat, Large Pied Bat [183]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Dasyurus maculatus_maculatus (SE mainland population)</a> Spot-tailed Quoll, Spotted-tail Quoll, Tiger Quoll (southeastern mainland population) [75184]	Endangered	Species or species habitat known to occur within area
<a href="#">Isoodon obesulus_obesulus</a> Southern Brown Bandicoot (Eastern) [68050]	Endangered	Species or species habitat likely to occur within area

EPBC ACT PROTECTED MATTERS REPORT

Name	Status	Type of Presence
<a href="#">Petauroides volans</a> Greater Glider [254]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Petrogale penicillata</a> Brush-tailed Rock-wallaby [225]	Vulnerable	Species or species habitat may occur within area
<a href="#">Phascolarctos cinereus (combined populations of Qld, NSW and the ACT)</a> Koala (combined populations of Queensland, New South Wales and the Australian Capital Territory) [85104]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Pseudomys novaehollandiae</a> New Holland Mouse, Pookila [96]	Vulnerable	Species or species habitat may occur within area
<a href="#">Pteropus poliocephalus</a> Grey-headed Flying-fox [186]	Vulnerable	Roosting known to occur within area
<b>Other</b>		
<a href="#">Pommerhelix duralensis</a> Dural Land Snail [85268]	Endangered	Species or species habitat known to occur within area
<b>Plants</b>		
<a href="#">Acacia bynoeana</a> Bynoe's Wattle, Tiny Wattle [8575]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Acacia pubescens</a> Downy Wattle, Hairy Stemmed Wattle [18800]	Vulnerable	Species or species habitat likely to occur within area
<a href="#">Allocasuarina glareicola</a> [21932]	Endangered	Species or species habitat may occur within area
<a href="#">Asterolasia elegans</a> [56780]	Endangered	Species or species habitat may occur within area
<a href="#">Caladenia tessellata</a> Thick-lipped Spider-orchid, Daddy Long-legs [2119]	Vulnerable	Species or species habitat likely to occur within area
<a href="#">Cryptostylis hunteriana</a> Leafless Tongue-orchid [19533]	Vulnerable	Species or species habitat may occur within area
<a href="#">Darwinia biflora</a> [14619]	Vulnerable	Species or species habitat likely to occur within area
<a href="#">Eucalyptus camfieldii</a> Camfield's Stringybark [15460]	Vulnerable	Species or species habitat likely to occur within area
<a href="#">Genoplesium baueri</a> Yellow Gnat-orchid [7528]	Endangered	Species or species habitat known to occur within area
<a href="#">Leptospermum deanei</a> Deane's Tea-tree [21777]	Vulnerable	Species or species habitat likely to occur within area
<a href="#">Melaleuca biconvexa</a> Biconvex Paperbark [5583]	Vulnerable	Species or species habitat likely to occur within area
<a href="#">Melaleuca deanei</a> Deane's Melaleuca [5818]	Vulnerable	Species or species habitat likely to occur within area

EPBC ACT PROTECTED MATTERS REPORT

Name	Status	Type of Presence
<a href="#">Pelargonium sp. Striatellum (G.W.Carr 10345)</a> Ormeo Stork's-bill [84065]	Endangered	Species or species habitat may occur within area
<a href="#">Persoonia hirsuta</a> Hairy Persoonia [19006]	Endangered	Species or species habitat likely to occur within area
<a href="#">Persoonia mollis subsp. maxima</a> [56075]	Endangered	Species or species habitat may occur within area
<a href="#">Persoonia nutans</a> Nodding Geebung [18119]	Endangered	Species or species habitat likely to occur within area
<a href="#">Pimelea curviflora var. curviflora</a> [4182]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Pimelea spicata</a> Spiked Rice-flower [20834]	Endangered	Species or species habitat likely to occur within area
<a href="#">Pterostylis gibbosa</a> Illawarra Greenhood, Rufa Greenhood, Pouched Greenhood [4562]	Endangered	Species or species habitat may occur within area
<a href="#">Pterostylis saxicola</a> Sydney Plains Greenhood [64537]	Endangered	Species or species habitat likely to occur within area
<a href="#">Syzygium paniculatum</a> Magenta Lilly Pilly, Magenta Cherry, Pocket-less Brush Cherry, Scrub Cherry, Creek Lilly Pilly, Brush Cherry [20307]	Vulnerable	Species or species habitat likely to occur within area
<a href="#">Thesium australe</a> Austral Toadflax, Toadflax [15202]	Vulnerable	Species or species habitat may occur within area
<b>Reptiles</b>		
<a href="#">Caretta caretta</a> Loggerhead Turtle [1763]	Endangered	Species or species habitat known to occur within area
<a href="#">Chelonia mydas</a> Green Turtle [1765]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Dermochelys coriacea</a> Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Species or species habitat known to occur within area
<a href="#">Eretmochelys imbricata</a> Hawksbill Turtle [1766]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Hoplocephalus bungaroides</a> Broad-headed Snake [1182]	Vulnerable	Species or species habitat likely to occur within area
<a href="#">Natator depressus</a> Flatback Turtle [59257]	Vulnerable	Species or species habitat known to occur within area
<b>Listed Migratory Species</b>		<b>[ Resource Information ]</b>
* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.		
Name	Threatened	Type of Presence
<b>Migratory Marine Birds</b>		
<a href="#">Apus pacificus</a> Fork-tailed Swift [678]		Species or species habitat likely to occur

EPBC ACT PROTECTED MATTERS REPORT

Name	Threatened	Type of Presence
<a href="#">Diomedea antipodensis</a> Antipodean Albatross [64458]	Vulnerable	within area Foraging, feeding or related behaviour likely to occur within area
<a href="#">Diomedea epomophora (sensu stricto)</a> Southern Royal Albatross [1072]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Diomedea exulans (sensu lato)</a> Wandering Albatross [1073]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Diomedea gibsoni</a> Gibson's Albatross [64466]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Diomedea sanfordi</a> Northern Royal Albatross [64456]	Endangered	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Macronectes giganteus</a> Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area
<a href="#">Macronectes halli</a> Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may occur within area
<a href="#">Thalassarche bulleri</a> Buller's Albatross, Pacific Albatross [64460]	Vulnerable	Species or species habitat may occur within area
<a href="#">Thalassarche cauta (sensu stricto)</a> Shy Albatross, Tasmanian Shy Albatross [64697]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Thalassarche eremita</a> Chatham Albatross [64457]	Endangered	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Thalassarche impavida</a> Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area
<a href="#">Thalassarche melanophris</a> Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area
<a href="#">Thalassarche salvini</a> Salvin's Albatross [64463]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Thalassarche steadi</a> White-capped Albatross [64462]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
<b>Migratory Marine Species</b>		
<a href="#">Caretta caretta</a> Loggerhead Turtle [1763]	Endangered	Species or species habitat known to occur within area
<a href="#">Chelonia mydas</a> Green Turtle [1765]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Dermochelys coriacea</a> Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Species or species habitat known to occur within area
<a href="#">Eretmochelys imbricata</a> Hawksbill Turtle [1766]	Vulnerable	Species or species habitat known to occur

EPBC ACT PROTECTED MATTERS REPORT

Name	Threatened	Type of Presence
<a href="#">Lamna nasus</a> Porbeagle, Mackerel Shark [83288]		within area Species or species habitat likely to occur within area
<a href="#">Manta alfredi</a> Reef Manta Ray, Coastal Manta Ray, Inshore Manta Ray, Prince Alfred's Ray, Resident Manta Ray [84994]		Species or species habitat known to occur within area
<a href="#">Manta birostris</a> Giant Manta Ray, Chevron Manta Ray, Pacific Manta Ray, Pelagic Manta Ray, Oceanic Manta Ray [84995]		Species or species habitat may occur within area
<a href="#">Natator depressus</a> Flatback Turtle [59257]	Vulnerable	Species or species habitat known to occur within area
<b>Migratory Terrestrial Species</b>		
<a href="#">Cuculus optatus</a> Oriental Cuckoo, Horsfield's Cuckoo [86651]		Species or species habitat known to occur within area
<a href="#">Hirundapus caudacutus</a> White-throated Needletail [682]		Species or species habitat known to occur within area
<a href="#">Monarcha melanopsis</a> Black-faced Monarch [609]		Species or species habitat known to occur within area
<a href="#">Monarcha trivirgatus</a> Spectacled Monarch [610]		Species or species habitat known to occur within area
<a href="#">Motacilla flava</a> Yellow Wagtail [644]		Species or species habitat likely to occur within area
<a href="#">Myiagra cyanoleuca</a> Satin Flycatcher [612]		Species or species habitat known to occur within area
<a href="#">Rhipidura rufifrons</a> Rufous Fantail [592]		Species or species habitat known to occur within area
<b>Migratory Wetlands Species</b>		
<a href="#">Arenaria interpres</a> Ruddy Turnstone [872]		Foraging, feeding or related behaviour known to occur within area
<a href="#">Calidris acuminata</a> Sharp-tailed Sandpiper [874]		Foraging, feeding or related behaviour known to occur within area
<a href="#">Calidris canutus</a> Red Knot, Knot [855]	Endangered	Foraging, feeding or related behaviour known to occur within area
<a href="#">Calidris ferruginea</a> Curlew Sandpiper [856]	Critically Endangered	Foraging, feeding or related behaviour known to occur within area
<a href="#">Calidris melanotos</a> Pectoral Sandpiper [858]		Foraging, feeding or related behaviour known to occur within area
<a href="#">Calidris ruficollis</a> Red-necked Stint [860]		Foraging, feeding or related behaviour known to occur within area
<a href="#">Calidris tenuirostris</a> Great Knot [862]	Critically Endangered	Foraging, feeding or



EPBC ACT PROTECTED MATTERS REPORT

Name	Threatened	Type of Presence
<a href="#">Charadrius bicinctus</a> Double-banded Plover [895]		related behaviour known to occur within area  Foraging, feeding or related behaviour known to occur within area
<a href="#">Charadrius leschenaultii</a> Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
<a href="#">Charadrius mongolus</a> Lesser Sand Plover, Mongolian Plover [879]	Endangered	Foraging, feeding or related behaviour known to occur within area
<a href="#">Gallinago hardwickii</a> Latham's Snipe, Japanese Snipe [863]		Foraging, feeding or related behaviour known to occur within area
<a href="#">Gallinago megala</a> Swinhoe's Snipe [864]		Foraging, feeding or related behaviour likely to occur within area
<a href="#">Gallinago stenura</a> Pin-tailed Snipe [841]		Foraging, feeding or related behaviour likely to occur within area
<a href="#">Heteroscelus brevipes</a> Grey-tailed Tattler [59311]		Foraging, feeding or related behaviour known to occur within area
<a href="#">Limosa lapponica</a> Bar-tailed Godwit [844]		Species or species habitat known to occur within area
<a href="#">Limosa limosa</a> Black-tailed Godwit [845]		Foraging, feeding or related behaviour known to occur within area
<a href="#">Numenius madagascariensis</a> Eastern Curlew [847]	Critically Endangered	Foraging, feeding or related behaviour known to occur within area
<a href="#">Numenius minutus</a> Little Curlew, Little Whimbrel [848]		Foraging, feeding or related behaviour likely to occur within area
<a href="#">Numenius phaeopus</a> Whimbrel [849]		Foraging, feeding or related behaviour known to occur within area
<a href="#">Pandion haliaetus</a> Osprey [952]		Species or species habitat known to occur within area
<a href="#">Philomachus pugnax</a> Ruff (Reeve) [850]		Foraging, feeding or related behaviour known to occur within area
<a href="#">Pluvialis fulva</a> Pacific Golden Plover [25545]		Foraging, feeding or related behaviour known to occur within area
<a href="#">Tringa nebularia</a> Common Greenshank, Greenshank [832]		Species or species habitat known to occur within area
<a href="#">Tringa stagnatilis</a> Marsh Sandpiper, Little Greenshank [833]		Foraging, feeding or related behaviour known to occur within area

EPBC ACT PROTECTED MATTERS REPORT

Other Matters Protected by the EPBC Act

**Commonwealth Land** [ [Resource Information](#) ]

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

Name
Commonwealth Land -
Commonwealth Land - Australian & Overseas Telecommunications Corporation
Commonwealth Land - Australian Postal Commission
Commonwealth Land - Australian Postal Corporation
Commonwealth Land - Australian Telecommunications Commission
Commonwealth Land - Australian Telecommunications Corporation
Commonwealth Land - Australian Wool Testing Authority Limited
Commonwealth Land - Commonwealth Bank of Australia
Commonwealth Land - Commonwealth Trading Bank of Australia
Commonwealth Land - Defence Housing Authority
Commonwealth Land - Defence Service Homes Corporation
Commonwealth Land - Director of Defence Service Homes
Commonwealth Land - Director of War Service Homes
Commonwealth Land - Reserve Bank of Australia
Commonwealth Land - Telstra Corporation Limited
Commonwealth Land - War Service Homes Commissioner
Defence - 1/15 RNSWL - LANCER BARRACKS - PARRAMATTA
Defence - ADFRU PARRAMATTA
Defence - CHESTER HILL (NO 2 STORE DPT)
Defence - LIDCOMBE MULTI-USER DEPOT
Defence - MERRYLANDS
Defence - NEWINGTON
Defence - RAAF STORES DEPOT REGENTS PARK
Defence - TIMOR BARRACKS - DUNDAS
Defence - VILLAWOOD - MOTOR REPAIR W/SHP (VILLAWOOD GEMS BASE)

**Commonwealth Heritage Places** [ [Resource Information](#) ]

Name	State	Status
Historic		
<a href="#">Lancer Barracks</a>	NSW	Listed place
<a href="#">Lancer Barracks Precinct</a>	NSW	Listed place
<a href="#">Villawood Immigration Centre</a>	NSW	Listed place

**Listed Marine Species** [ [Resource Information](#) ]

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

Name	Threatened	Type of Presence
Birds		
<a href="#">Apus pacificus</a> Fork-tailed Swift [678]		Species or species habitat likely to occur within area
<a href="#">Ardea alba</a> Great Egret, White Egret [59541]		Species or species habitat known to occur within area
<a href="#">Ardea ibis</a> Cattle Egret [59542]		Species or species habitat may occur within area
<a href="#">Arenaria interpres</a> Ruddy Turnstone [872]		Foraging, feeding or related behaviour known to occur within area
<a href="#">Calidris acuminata</a> Sharp-tailed Sandpiper [874]		Foraging, feeding or related behaviour known to occur within area
<a href="#">Calidris canutus</a> Red Knot, Knot [855]	Endangered	Foraging, feeding or related behaviour known to occur within area

EPBC ACT PROTECTED MATTERS REPORT

Name	Threatened	Type of Presence
<a href="#">Calidris ferruginea</a> Curlew Sandpiper [856]	Critically Endangered	Foraging, feeding or related behaviour known to occur within area
<a href="#">Calidris melanotos</a> Pectoral Sandpiper [858]		Foraging, feeding or related behaviour known to occur within area
<a href="#">Calidris ruficollis</a> Red-necked Stint [860]		Foraging, feeding or related behaviour known to occur within area
<a href="#">Calidris tenuirostris</a> Great Knot [862]	Critically Endangered	Foraging, feeding or related behaviour known to occur within area
<a href="#">Charadrius bicinctus</a> Double-banded Plover [895]		Foraging, feeding or related behaviour known to occur within area
<a href="#">Charadrius leschenaultii</a> Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
<a href="#">Charadrius mongolus</a> Lesser Sand Plover, Mongolian Plover [879]	Endangered	Foraging, feeding or related behaviour known to occur within area
<a href="#">Charadrius ruficapillus</a> Red-capped Plover [881]		Foraging, feeding or related behaviour known to occur within area
<a href="#">Cuculus saturatus</a> Oriental Cuckoo, Himalayan Cuckoo [710]		Species or species habitat known to occur within area
<a href="#">Diomedea antipodensis</a> Antipodean Albatross [64458]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Diomedea epomophora (sensu stricto)</a> Southern Royal Albatross [1072]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Diomedea exulans (sensu lato)</a> Wandering Albatross [1073]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Diomedea gibsoni</a> Gibson's Albatross [64466]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Diomedea sanfordi</a> Northern Royal Albatross [64456]	Endangered	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Gallinago hardwickii</a> Latham's Snipe, Japanese Snipe [863]		Foraging, feeding or related behaviour known to occur within area
<a href="#">Gallinago megala</a> Swinhoe's Snipe [864]		Foraging, feeding or related behaviour likely to occur within area
<a href="#">Gallinago stenura</a> Pin-tailed Snipe [841]		Foraging, feeding or related behaviour likely to occur within area
<a href="#">Haliaeetus leucogaster</a> White-bellied Sea-Eagle [943]		Breeding known to occur within area
<a href="#">Heteroscelus brevipes</a> Grey-tailed Tattler [59311]		Foraging, feeding or

EPBC ACT PROTECTED MATTERS REPORT

Name	Threatened	Type of Presence
<a href="#">Himantopus himantopus</a> Black-winged Stilt [870]		related behaviour known to occur within area
<a href="#">Hirundapus caudacutus</a> White-throated Needletail [682]		Foraging, feeding or related behaviour known to occur within area
<a href="#">Lathamus discolor</a> Swift Parrot [744]	Critically Endangered	Species or species habitat likely to occur within area
<a href="#">Limosa lapponica</a> Bar-tailed Godwit [844]		Species or species habitat known to occur within area
<a href="#">Limosa limosa</a> Black-tailed Godwit [845]		Foraging, feeding or related behaviour known to occur within area
<a href="#">Macronectes giganteus</a> Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area
<a href="#">Macronectes halli</a> Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may occur within area
<a href="#">Merops ornatus</a> Rainbow Bee-eater [670]		Species or species habitat may occur within area
<a href="#">Monarcha melanopsis</a> Black-faced Monarch [609]		Species or species habitat known to occur within area
<a href="#">Monarcha trivirgatus</a> Spectacled Monarch [610]		Species or species habitat known to occur within area
<a href="#">Motacilla flava</a> Yellow Wagtail [644]		Species or species habitat likely to occur within area
<a href="#">Myiagra cyanoleuca</a> Satin Flycatcher [612]		Species or species habitat known to occur within area
<a href="#">Numenius madagascariensis</a> Eastern Curlew [847]	Critically Endangered	Foraging, feeding or related behaviour known to occur within area
<a href="#">Numenius minutus</a> Little Curlew, Little Whimbrel [848]		Foraging, feeding or related behaviour likely to occur within area
<a href="#">Numenius phaeopus</a> Whimbrel [849]		Foraging, feeding or related behaviour known to occur within area
<a href="#">Pachyptila turtur</a> Fairy Prion [1066]		Species or species habitat known to occur within area
<a href="#">Pandion haliaetus</a> Osprey [952]		Species or species habitat known to occur within area
<a href="#">Philomachus pugnax</a> Ruff (Reeve) [850]		Foraging, feeding or related behaviour known

EPBC ACT PROTECTED MATTERS REPORT

Name	Threatened	Type of Presence
<a href="#">Pluvialis fulva</a> Pacific Golden Plover [25545]		to occur within area  Foraging, feeding or related behaviour known to occur within area
<a href="#">Recurvirostra novaehollandiae</a> Red-necked Avocet [871]		Foraging, feeding or related behaviour known to occur within area
<a href="#">Rhipidura rufifrons</a> Rufous Fantail [592]		Species or species habitat known to occur within area
<a href="#">Rostratula benghalensis (sensu lato)</a> Painted Snipe [889]	Endangered*	Species or species habitat likely to occur within area
<a href="#">Thalassarche bulleri</a> Buller's Albatross, Pacific Albatross [64460]	Vulnerable	Species or species habitat may occur within area
<a href="#">Thalassarche cauta (sensu stricto)</a> Shy Albatross, Tasmanian Shy Albatross [64697]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Thalassarche eremita</a> Chatham Albatross [64457]	Endangered	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Thalassarche impavida</a> Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area
<a href="#">Thalassarche melanophris</a> Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area
<a href="#">Thalassarche salvini</a> Salvin's Albatross [64463]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Thalassarche steadi</a> White-capped Albatross [64462]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Tringa nebularia</a> Common Greenshank, Greenshank [832]		Species or species habitat known to occur within area
<a href="#">Tringa stagnatilis</a> Marsh Sandpiper, Little Greenshank [833]		Foraging, feeding or related behaviour known to occur within area
<b>Reptiles</b>		
<a href="#">Caretta caretta</a> Loggerhead Turtle [1763]	Endangered	Species or species habitat known to occur within area
<a href="#">Chelonia mydas</a> Green Turtle [1765]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Dermochelys coriacea</a> Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Species or species habitat known to occur within area
<a href="#">Eretmochelys imbricata</a> Hawksbill Turtle [1766]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Natator depressus</a> Flatback Turtle [59257]	Vulnerable	Species or species habitat known to occur

EPBC ACT PROTECTED MATTERS REPORT

Name	Threatened	Type of Presence within area
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Extra Information

State and Territory Reserves	[ Resource Information ]
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Name	State
Berowra Valley	NSW
Berowra Valley	NSW
Lane Cove	NSW
Newington	NSW

Invasive Species	[ Resource Information ]
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Weeds reported here are the 20 species of national significance (WoNS), along with other introduced plants that are considered by the States and Territories to pose a particularly significant threat to biodiversity. The following feral animals are reported: Goat, Red Fox, Cat, Rabbit, Pig, Water Buffalo and Cane Toad. Maps from Landscape Health Project, National Land and Water Resources Audit, 2001.

Name	Status	Type of Presence
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Birds		
Acridotheres tristis Common Myna, Indian Myna [387]		Species or species habitat likely to occur within area
Alauda arvensis Skylark [656]		Species or species habitat likely to occur within area
Anas platyrhynchos Mallard [974]		Species or species habitat likely to occur within area
Carduelis carduelis European Goldfinch [403]		Species or species habitat likely to occur within area
Carduelis chloris European Greenfinch [404]		Species or species habitat likely to occur within area
Columba livia Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
Lonchura punctulata Nutmeg Mannikin [399]		Species or species habitat likely to occur within area
Passer domesticus House Sparrow [405]		Species or species habitat likely to occur within area
Passer montanus Eurasian Tree Sparrow [406]		Species or species habitat likely to occur within area

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Name	Status	Type of Presence
Pycnonotus jocosus Red-whiskered Bulbul [631]		Species or species habitat likely to occur within area
Streptopelia chinensis Spotted Turtle-Dove [780]		Species or species habitat likely to occur within area
Sturnus vulgaris Common Starling [389]		Species or species habitat likely to occur within area
Turdus merula Common Blackbird, Eurasian Blackbird [596]		Species or species habitat likely to occur within area
<b>Frogs</b>		
Rhinella marina Cane Toad [83218]		Species or species habitat likely to occur within area
<b>Mammals</b>		
Bos taurus Domestic Cattle [16]		Species or species habitat likely to occur within area
Canis lupus familiaris Domestic Dog [82654]		Species or species habitat likely to occur within area
Felis catus Cat, House Cat, Domestic Cat [19]		Species or species habitat likely to occur within area
Feral deer Feral deer species in Australia [85733]		Species or species habitat likely to occur within area
Lepus capensis Brown Hare [127]		Species or species habitat likely to occur within area
Mus musculus House Mouse [120]		Species or species habitat likely to occur within area
Oryctolagus cuniculus Rabbit, European Rabbit [128]		Species or species habitat likely to occur within area
Rattus norvegicus Brown Rat, Norway Rat [83]		Species or species habitat likely to occur within area
Rattus rattus Black Rat, Ship Rat [84]		Species or species habitat likely to occur within area
Vulpes vulpes Red Fox, Fox [18]		Species or species habitat likely to occur within area
<b>Plants</b>		
Alternanthera philoxeroides Alligator Weed [11620]		Species or species habitat likely to occur within area
Anredera cordifolia Madeira Vine, Jalap, Lamb's-tail, Mignonette Vine, Anredera, Gulf Madeiravine, Heartleaf Madeiravine, Potato Vine [2643]		Species or species habitat likely to occur within area
Asparagus aethiopicus Asparagus Fern, Ground Asparagus, Basket Fern,		Species or species

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Name	Status	Type of Presence
Sprengi's Fern, Bushy Asparagus, Emerald Asparagus [62425] <i>Asparagus asparagoides</i>		habitat likely to occur within area
Bridal Creeper, Bridal Veil Creeper, Smilax, Florist's Smilax, Smilax Asparagus [22473]		Species or species habitat likely to occur within area
<i>Asparagus plumosus</i> Climbing Asparagus-fern [48993]		Species or species habitat likely to occur within area
<i>Asparagus scandens</i> Asparagus Fern, Climbing Asparagus Fern [23255]		Species or species habitat likely to occur within area
<i>Cabomba caroliniana</i> Cabomba, Fanwort, Carolina Watershield, Fish Grass, Washington Grass, Watershield, Carolina Fanwort, Common Cabomba [5171] <i>Chrysanthemoides monilifera</i> Bitou Bush, Boneseed [18983]		Species or species habitat likely to occur within area
<i>Chrysanthemoides monilifera</i> subsp. <i>monilifera</i> Boneseed [16905]		Species or species habitat likely to occur within area
<i>Chrysanthemoides monilifera</i> subsp. <i>rotundata</i> Bitou Bush [16332]		Species or species habitat likely to occur within area
<i>Cytisus scoparius</i> Broom, English Broom, Scotch Broom, Common Broom, Scottish Broom, Spanish Broom [5934]		Species or species habitat likely to occur within area
<i>Dolichandra unguis-cati</i> Cat's Claw Vine, Yellow Trumpet Vine, Cat's Claw Creeper, Funnel Creeper [85119]		Species or species habitat likely to occur within area
<i>Eichhornia crassipes</i> Water Hyacinth, Water Orchid, Nile Lily [13466]		Species or species habitat likely to occur within area
<i>Genista linifolia</i> Flax-leaved Broom, Mediterranean Broom, Flax Broom [2800]		Species or species habitat likely to occur within area
<i>Genista monspessulana</i> Montpellier Broom, Cape Broom, Canary Broom, Common Broom, French Broom, Soft Broom [20126]		Species or species habitat likely to occur within area
<i>Genista</i> sp. X <i>Genista monspessulana</i> Broom [67538]		Species or species habitat may occur within area
<i>Lantana camara</i> Lantana, Common Lantana, Kamara Lantana, Large-leaf Lantana, Pink Flowered Lantana, Red Flowered Lantana, Red-Flowered Sage, White Sage, Wild Sage [10892] <i>Lycium ferocissimum</i> African Boxthorn, Boxthorn [19235]		Species or species habitat likely to occur within area
<i>Nassella neesiana</i> Chilean Needle grass [67699]		Species or species habitat likely to occur within area
<i>Nassella trichotoma</i> Serrated Tussock, Yass River Tussock, Yass Tussock, Nassella Tussock (NZ) [18884]		Species or species habitat likely to occur within area
<i>Opuntia</i> spp. Prickly Pears [82753]		Species or species



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Name	Status	Type of Presence
Pinus radiata		habitat likely to occur within area
Radiata Pine Monterey Pine, Insignis Pine, Wilding Pine [20780]		Species or species habitat may occur within area
Protasparagus densiflorus		Species or species habitat likely to occur within area
Asparagus Fern, Plume Asparagus [5015]		
Protasparagus plumosus		Species or species habitat likely to occur within area
Climbing Asparagus-fern, Ferny Asparagus [11747]		
Rubus fruticosus aggregate		Species or species habitat likely to occur within area
Blackberry, European Blackberry [68406]		
Sagittaria platyphylla		Species or species habitat likely to occur within area
Delta Arrowhead, Arrowhead, Slender Arrowhead [68483]		
Salix spp. except S.babylonica, S.x calodendron & S.x reichardtii		Species or species habitat likely to occur within area
Willows except Weeping Willow, Pussy Willow and Sterile Pussy Willow [68497]		
Salvinia molesta		Species or species habitat likely to occur within area
Salvinia, Giant Salvinia, Aquarium Watermoss, Kariba Weed [13665]		
Senecio madagascariensis		Species or species habitat likely to occur within area
Fireweed, Madagascar Ragwort, Madagascar Groundsel [2624]		
Ulex europaeus		Species or species habitat likely to occur within area
Gorse, Furze [7693]		
<b>Reptiles</b>		
Hemidactylus frenatus		Species or species habitat likely to occur within area
Asian House Gecko [1708]		
<b>Nationally Important Wetlands</b>		<b>[ Resource Information ]</b>
Name		State
<a href="#">Bicentennial Park</a>		NSW
<a href="#">Newington Wetlands</a>		NSW

## EPBC ACT PROTECTED MATTERS REPORT

### Caveat

The information presented in this report has been provided by a range of data sources as acknowledged at the end of the report.

This report is designed to assist in identifying the locations of places which may be relevant in determining obligations under the Environment Protection and Biodiversity Conservation Act 1999. It holds mapped locations of World and National Heritage properties, Wetlands of International and National Importance, Commonwealth and State/Territory reserves, listed threatened, migratory and marine species and listed threatened ecological communities. Mapping of Commonwealth land is not complete at this stage. Maps have been collated from a range of sources at various resolutions.

Not all species listed under the EPBC Act have been mapped (see below) and therefore a report is a general guide only. Where available data supports mapping, the type of presence that can be determined from the data is indicated in general terms. People using this information in making a referral may need to consider the qualifications below and may need to seek and consider other information sources.

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

For species where the distributions are well known, maps are digitised from sources such as recovery plans and detailed habitat studies. Where appropriate, core breeding, foraging and roosting areas are indicated under 'type of presence'. For species whose distributions are less well known, point locations are collated from government wildlife authorities, museums, and non-government organisations; bioclimatic distribution models are generated and these validated by experts. In some cases, the distribution maps are based solely on expert knowledge.

Only selected species covered by the following provisions of the EPBC Act have been mapped:

- migratory and
- marine

The following species and ecological communities have not been mapped and do not appear in reports produced from this database:

- threatened species listed as extinct or considered as vagrants
- some species and ecological communities that have only recently been listed
- some terrestrial species that overfly the Commonwealth marine area
- migratory species that are very widespread, vagrant, or only occur in small numbers

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

- non-threatened seabirds which have only been mapped for recorded breeding sites
- seals which have only been mapped for breeding sites near the Australian continent

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

### Coordinates

-33.8072 151.02592

## Acknowledgements

This database has been compiled from a range of data sources. The department acknowledges the following custodians who have contributed valuable data and advice:

- [Office of Environment and Heritage, New South Wales](#)
- [Department of Environment and Primary Industries, Victoria](#)
- [Department of Primary Industries, Parks, Water and Environment, Tasmania](#)
- [Department of Environment, Water and Natural Resources, South Australia](#)
- [Parks and Wildlife Commission NT, Northern Territory Government](#)
- [Department of Environmental and Heritage Protection, Queensland](#)
- [Department of Parks and Wildlife, Western Australia](#)
- [Environment and Planning Directorate, ACT](#)
- [Birdlife Australia](#)
- [Australian Bird and Bat Banding Scheme](#)
- [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, Atherton and Canberra](#)
- [University of New England](#)
- [Ocean Biogeographic Information System](#)
- [Australian Government, Department of Defence Forestry Corporation, NSW](#)
- [Geoscience Australia](#)
- [CSIRO](#)
- Other groups and individuals

The Department is extremely grateful to the many organisations and individuals who provided expert advice and information on numerous draft distributions.

Please feel free to provide feedback via the [Contact Us](#) page.

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