# NSW LISTED THREATENED SPECIES AT JUNE 2023

Species known or likely to occur in Lake Macquarie which are listed as threatened under the NSW Biodiversity Conservation Act 2016

NSW Biodiversity Conservation Act 2016 (Ex) Presumed Extinct (CE) Critically Endangered (E) Endangered (V) Vulnerable National EPBC Act - Environment Protection and Biodiversity Conservation Act 1999

CE- Critically Endangered E- Endangered V- Vulnerable

MS - Marine Species are listed by declaration under section 248 of EPBC Act 1999

The national list of Migratory Species consists of those species listed under the following international Conventions:

B-Bonn, J-JAMBA, C-CAMBA, K-ROKAMBA

(Y) Yes - there are records of the species within Lake Macquarie City or observed from within the city's boundaries – this includes open ocean or offshore species observed from the coast, or within sight distance from the coast (LHCCREMS) – Lower Hunter Central Coast Regional Environmental Management Strategy

COMMUNITY	CORRESPONDING VEGETATION COMMUNITY (LHCCREMS) MAP UNIT (MU)	EPBC Act	RECORDED
ENDANGERED ECOLOGICAL COM	MUNITIES (in the Sydney bioregion)		
Bangalay Sand Forest	MU 33 Coastal Sand Apple-Blackbutt Forest		Υ
Coastal Saltmarsh	MU 47a Saltmarsh	V	Υ
Coastal Upland Swamp	MU 54 Sandstone Hanging Swamps	Е	Υ
Duffys Forest			
Freshwater Wetlands on Coastal Floodplains	MU 46 Freshwater Wetland Complex		Υ
Hunter Lowlands Redgum Forest	MU 19 Hunter Lowland Redgum Forest		
Littoral Rainforest	MU 4 Littoral Rainforest	CE	Υ
Lower Hunter Spotted Gum - Ironbark Forest	MU 17 Lower Hunter Spotted Gum - Ironbark Forest		Υ
Lowland Rainforest of Subtropical Australia	MU 1 Coastal Wet Gully Forest MU 1a Coastal Warm Temperate - Subtropical Rainforest	CE	Υ
Quorrobolong Scribbly Gum Woodland			
River-flat eucalypt forest on coastal floodplain	MU 5 Alluvial Tall Moist Forest MU 38 Redgum Rough-barked Apple Swamp Forest MU 42 Riparian Melaleuca Swamp Woodland MU 37 Swamp Mahogany - Paperbark Forest	CE	Υ
Swamp Oak Floodplain Forest	MU 40 Swamp Oak - Rushland Forest MU 40a Phragmities Rushland MU 41 Swamp Oak Sedge Forest	Е	Y
Swamp Sclerophyll forest on coastal floodplain	MU 37 Swamp Mahogany - Paperbark Forest MU 42 Riparian Melaleuca Swamp Woodland MU 42a Melaleuca Scrub MU 43 Wyong Paperbark Forest	E	Y
Sydney Freshwater Wetlands	MU 45 Lepironia Swamp		Υ
Themeda grassland	MU 48 Coastal Clay Heath MU 51 Coastal Headland Complex		Υ
ENDANGERED POPULATIONS			
Eucalyptus parramattensis subsp. parramattensis in Wyong and Lake Macquarie LGAs			Y

## **VULNERABLE ECOLOGICAL COMMUNITIES** (in the Sydney bioregion)

Lower Hunter Valley Dry Rainforest

MU 3 Hunter Valley Dry Rainforest

COMMON NAME	SCIENTIFIC NAME	EPBC Act	RECORDED
AMPHIBIANS			
Giant Barred Frog			
Southern Barred Frog (E)	Mixophyes iteratus	E	Y
Giant Burrowing Frog (V)	Heleioporus australiacus	V	Υ
Green and Golden Bell Frog (E)	Litoria aurea	V	Υ
Green-thighed Frog (V)	Litoria brevipalmata		Υ
Littlejohn's Tree Frog	Life to Bullet Let	_	V
Heath Frog (E)	Litoria littlejohni	E	Y
Mahony's Toadlet (E)	Uperoleia mahonyi	Е	
Red-crowned Toadlet (V)	Pseudophryne australis		Υ
Stuttering Frog (E)	Mixophyes balbus	V	Υ
Wallum (Tinkling) Froglet (V)	Crinia tinnula		Υ
BIRDS			
Antipodean Albatross (V)	Diomedea antipodensis	V,MS	
Australasian Bittern (E)	Botaurus poiciloptilus	Е	Υ
Australian Dainted anina (E)	Rostratula australis	г ме	
Australian Painted-snipe (E)	(Rostratula benghalensis)	E,MS	
Barking Owl (V)	Ninox connivens		Υ
Beach Stone Curlew (CE)	Esacus magnirostris	MS	Υ
Beach Stone Curiew (CE)	(Esacus neglectus)	IVIO	'
Black Bittern (V)	Ixobrychus flavicollis		Υ
Black-browed Albatross (V)	Thalassarche melanophris	V,MS,B	Υ
Black Browed / Ilbatioso (V)	(Diomedea melanophrys)	V,1VIC,D	·
Black-chinned Honeyeater (V)	Melithreptus gularis gularis		Υ
Black-necked Stork (E)	Ephippiorhynchus asiaticus		Υ
Black-tailed Godwit (V)	Limosa limosa	MS,B,C,J,K	Υ
Blue-billed Duck (V)	Oxyura australis		Υ
Brown Treecreeper (south-eastern subspecies) (V)	Climacteris picumnus victoriae		Y
Bush Stone Curlew (E)	Burhinus magnirostris		Υ
Comb-crested Jacana (V)	Irediparra gallinacea		Y
Curlew Sandpiper (E)	Calidris ferruginea	CE,MS,B,C,J,K	Υ
Diamond Firetail (V)	Stagonopleura guttata		Υ
Dusky Woodswallow (V)	Artamus cyanopterus cyanopterus		Υ
Eastern Osprey (V)	Pandion cristatus	MS,B	Υ
Lastern Ospicy (V)	(Pandion haliaetus)	WO,B	'
Flame Robin (V)	Petroica phoenicea	MS	Υ
Freckled Duck (V)	Stictonetta naevosa		Υ
Gang Gang Cockatoo (V)	Callocephalon fimfriatum	Е	Υ
Gibson's Albatross (V)	Diomedea antipodensis gibsoni	V,MS	
5.550, 5 / 1541 655 (V)	(Diomedea gibsoni)	7,	
South-eastern Glossy Black-Cockatoo	Calyptorhynchus lathami lathami	V	Υ
(V)			

Greater Sand Plover Large Sand Plover (Y)  Great Knot (V)  Grey-crowned Babbler (eastern subspecies) (Y)  Hooded Robin (south-eastern form) (Y)  Little Eagle (V)  Little Larikeet (V)  Little Tern (E)  (Sterna albifrons (Sterna a	COMMON NAME	SCIENTIFIC NAME	EPBC Act	RECORDED
Large Sand Plover (V)  Great Knot (V)  Caldris tenuirostris  CE,MS,B,C,J,K  Great Knot (V)  Caldris tenuirostris  CE,MS,B,C,J,K  Grey-crowned Babbler (eastern subspecies) (V)  Hooded Plover (CE)  Thinoriis rubricollis  MS  Hooded Plover (CE)  Thinoriis rubricollis  MS  Little Eagle (V)  Little Lorikeet (V)  Little Tern (E)  Sternula albifrons  (Sterna albifrons)  MS,B,C,J,K  Y  Little Tern (E)  Sternula albifrons  MS,B,C,J,K  Y  Mappie Goose (V)  Anseranas semipalmata  MS  Y  Masked Owl (V)  Tyto novaehollandiae  Y  Northern Giant Petrel (V)  Macronectes halli  V,MS,B  Y  Peded Oystercatcher (E)  Haematopus longirostris  Powerful Owl (V)  Red-backed Button-quali (V)  Respent Honeyeater (CE)  Anthrochera phrygia  (Xanthomyza phrygia)  Rescarte Robin (V)  Petroica boodang  Thalassarche caula  (Diomedea caula)  Sooty Oysteratcher (V)  Haematopus fuliginosus  Sooty Oysteratcher (V)  Haematopus seginaus  Scarlet Robin (V)  Petroica boodang  Thalassarche caula  (Diomedea caula)  Sooty Oysteratcher (V)  Haematopus fuliginosus  Sooty Oysteratcher (V)  Haematopus fuliginosus  Sooty Oysteratcher (V)  Haematopus fuliginosus  E,MS, B  Y  Sooty Orl (V)  Sooty Oysteratcher (V)  Haematopus fuliginosus  E,MS, B  Y  Speckled Warbler (V)  Pyrrholaemus sagittata  Speckled Warbler (V)  Pyrrholaemus sagittata  Speckled Warbler (V)  Pyrrholaemus sagittata  Speckled Warbler (V)  Pathinopus superbus  MS  MS  Y  Wille-front (E)  Lathamus discolor  Terek Sandpiper (V)  Xenus cimerus  MS, B,C,J,K  Y  Wille-fronted Chat (V)  Pathinopus magnificus  NS  NS  NS  NS  NS  NS  P  Willie-fronted Chat (V)  Pathinopus magnificus  NS  NS  NS  NS  NS  NS  NS  NS  NS  N	BIRDS			
Large Sand Pilover (V) Great Knat (V) Great Knat (V) Grey-crowned Babbler (eastern subspecies) (V) Hooded Pilover (CE) Thinonis rubricollis Hooded Robin (south-eastern form) (V) Helanadryas cuculiata cuculiata Hooded Robin (south-eastern form) (V) Helanadryas cuculiata cuculiata Hooded Robin (south-eastern form) (V) Helanadryas cuculiata cuculiata Hieraeatus morphnoides Little Lorikeet (V) Giossopsitta pusilia Sternula albifrons (Sterna albifrons) (Sterna albifrons) (Sterna albifrons) MS, B, C, J, K Y Magpie Goose (V) Anseranas semipalmata MS Y Masked Owl (V) Tyto novaehollandiae MS Y Mongolian Plover Lesser Sand Plover (V) Hongolian Plover Lesser Sand Plover (V) Pied Oystercatcher (E) Haematopus longirostris Powerful Owl (V) Rod-backed Button-quali (V) Red-backed Button-quali (V) Red-dacked Button-quali (V) Red-dacked Button-quali (V) Red-dacked Button-quali (V) Red-dacked Button-quali (V) Regent Honeyeater (CE)  Scarlet Robin (V) Petroica boodang Regent Honeyeater (CE) Cyanthomyza phrygia (Aranthomyza phrygia) CE Y Scarlet Robin (V) Petroica boodang Thalassarche cauta (Diomedea cauta) Souty Owl (V) Sooty Oystercatcher (V) Heamatopus fuliginosus Onychoprion fuscate (Clormedea cauta) Sooty Term (V) Conditional Seminas Segitata Southern Giant-petrel (E) Macronectes giganteus E,MS, B Y Speckled Warbler (V) Pyrrholeemus segitata Y Spotted Harrier (V) Circus assimilia Square-tailed Kita (V) Lophochicini isura Superb Fruit-dove (V) Pyriholeemus superbus MS, B,C,J,K Y Turquiose Parrot (V) Neopherna pulchelia V V Sunte Parrot (V) Neopherna pulchelia V V White-fronted Chat (V) White-fronted Chat (V) White-fronted Chat (V) Pillinopus magnificus V INSECTS	Greater Sand Plover	Charadrius Issahanaulti	VMCBCIK	V
Grey-crowned Babbler (eastern subspecies) (V) Hooded Plover (CE) Hooded Robin (south-eastern form) (V) Melanodryas cucullata cucullata Little Eagle (V) Hieraætus morphnoides Little Lorikeet (V) Glossopsitta pusilla Little Tern (E) Sternula abilirons (Sterna abilirons) Magpie Goose (V) Anseranas semipalmata MS Y Magpie Goose (V) Manasked Owl (V) Tylo novaehollandiae MS Y Mongolian Plover Lesser Sand Plover (V) Morphorion (Sterna abilirons) Masked U(V) Macronectes halli Pled Oystercatcher (E) Hematopus longirostris Powerful Owl (V) Red-Goshawk (CE) Regent Honeyeater (CE) Anthochaera phrygia (Xanthomyza phrygia) Scarlet Robin (V) Petroice Aboodang Thalassarche cauta (Diomedea cauta) Sooty Owl (V) Sooty Tern (V) Sooty Tern (V) Pyrnholaemus segittata Southern Giant-petrel (E) Macronectes splinginosus MS, B,C,J,K Y MS,B Y MS,B,C,J,K Y  Lamber (MS,B,C,J,K) Y  Lesser Sand Plover (V) Macronectes balli V,MS,B Y  Powerful Owl (V) Ninox strenua Provertication (No. No. No. No. No. No. No. No. No. No.	Large Sand Plover (V)	Criaraurius rescrieriaurii	V,IVI3,B,C,J,K	ľ
subspecies) (V) Hooded Plover (CE) Hooded Plover (CE) Hieraeutus morphnoides Little Eagle (V) Hieraeutus morphnoides Little Lorikeet (V) Glossopsitta pusilla Little Tern (E) Sternula albifrons (Sterna albifrons) Magpie Goose (V) Anseranas semipalmata MS Y Masked Owl (V) Masked Owl (V) Morpollan Plover Lesser Sand Plover (V) Lesser Sand Plover (V) Northem Giant Petrel (V) Hieraeutus morpolus Lesser Sand Plover (V) Northem Giant Petrel (V) Northem Giant Petrel (V) Nino strenua Red-backed Button-quail (V) Red-backed Button-quail (V) Red-backed Button-quail (V) Regent Honeyeater (CE) (Xanthomyza phrygia) Rose-crowned Fruit-dove (V) Petroica boodang Scarlet Robin (V) Shy Albatross (E) (Djomedea cauta) Sooty Owystercatcher (V) Haematopus fulliginosus Sooty Oystercatcher (V) Pyrrholermus sagittata Southern Giant-petrel (E) Macronectes giganteus Specited Warbier (V) Specited Warbier (V) Pyrrholermus sagittata Southern Giant-petrel (E) Macronectes giganteus Specited Warbier (V) Specited Warbier (V) Pyrrholermus sagittata Specited Marror (V) Superb Fruit-dove (V) Pytlinopus superbus MS NS	Great Knot (V)	Calidris tenuirostris	CE,MS,B,C,J,K	
Hooded Robin (south-eastern form) (V)  Little Eagle (V)  Little Lonkeet (V)  Glossopsitte pusille  Sternula albifrons (Sterna albifrons)  Magpie Goose (V)  Anseranas semipalmata  MS  Y  Maked Owl (V)  Maked Owl (V)  Tyto novaehollandiae  Charadrius mongolus  E.MS.B.C.J.K  Y  Northern Giant Petrel (V)  Macronectes halli  V.MS.B  Y  Pled Oystercatcher (E)  Haematopus longinostris  Powerful Owl (V)  Red-backed Button-quail (V)  Red-backed Button-quail (V)  Regent Honeyeater (CE)  Anthochaera phrygia  Rose-crowned Fruit-dove (V)  Petroica boodang  Thalassarche cauta (Domedee cauta)  Cloredee cauta)  Sooty Oystercatcher (V)  Haematopus lunjenosus  F.MS.B.C.J.K  Y  Lesser Sand Plover (V)  Ninox strenua  Y  Red-backed Button-quail (V)  Tumix maculosus  Red Goshawk (CE)  Erythrotrioribis radiatus  V  Y  Regent Honeyeater (CE)  Anthochaera phrygia  CE  Y  Xarthomyza phrygia  CE  Y  Xarthomyza phrygia  CE  Y  Coestard Robin (V)  Petroica boodang  Thalassarche cauta (Domedee cauta)  (Domedee cauta)  (Domedee cauta)  Sooty Owl (V)  Tyto tenepricosa  Sooty Oystercatcher (V)  Haematopus fuliginosus  Sooty Oystercatcher (V)  Haematopus fuliginosus  Southern Giant-petrel (E)  Macronectes giganteus  E.MS, B  Y  Speckled Warbler (V)  Specked Warbler (V)  Pyrrholeemus sagittata  Specked Warbler (V)  Square-tailed Kite (V)  Lophoictinia sura  Superb Fruit-dove (V)  Pillinopus superbus  MS  Y  Swift Parrot (E)  Lathamus discolor  CE.MS  Y  Turquoise Parrot (V)  Neophema pulchella  Y  Vinite-bellied Sea-eagle (V)  Haliaeetus leucogaster  MS  Y  Winite-bellied Sea-eagle (V)  Haliaeetus leucogaster  MS  Y  Wompoo Fruit-dove (V)  Pillinopus magnificus  Insects	•	Pomatostomus tempoalis temporalis		Υ
Little Eagle (V) Hieraeetus morphnoides Y Little Lorikeet (V) Glossopsitta pusilia Y Little Tern (E) Sternula albifrons (Sterna albifrons) MS,B,C,J,K Y Magpie Goose (V) Anseranas semipalmata MS Y Masked Owl (V) Tyto novaehollandiae MS Y Mongolian Plover Charadrius mongolus E,MS,B,C,J,K Y Lesser Sand Plover (V) Macronectes halii V,MS,B Y Pied Oystercatcher (E) Haematopus longirostris Y Pied Oystercatcher (E) Haematopus longirostris Y Powerful Owl (V) Ninox strenua Y Red-backed Button-quail (V) Turnix maculosus Y Red Goshawk (CE) Epythrotiorchis radiatus V Y Regent Honeyeater (CE) Anthochaera phrygia (Xanthomyza phrygia) CE Scarlet Robin (V) Petroica boodang Y Shy Albatross (E) Thalessarche cauta (Diomedea cauta) E,MS,B Y Sooty Owl (V) Tyto tenebricosa Y Sooty Owl (V) Tyto tenebricosa MS Sooty Tern (V) Circus assimilis Y Speckled Warbler (V) Pyrrholeemus sagittate Y Speckled Warbler (V) Pyrrholeemus sagittate Y Speckled Warbler (V) Circus assimilis Y Superb Fruit-dove (V) Pillinopus superbus MS Y Swift Parrot (E) Lathamus discolor CE,MS Y Turquoise Parrot (V) Rependence MS,B,C,J,K Y Turquoise Parrot (V) Rephanerus MS,B,C,J,K Y Turquoise Parrot (V) Rephanerus MS,B,C,J,K Y White-fonled Chat (V) Epitinarus albifrons Y Wonpoo Fruit-dove (V) Ptilinopus magnificus Y Wonpoo Fruit-dove (V) Ptilinopu	Hooded Plover (CE)	Thinornis rubricollis	MS	
Little Lorikeet (V)  Glossopsitta pusille  Stemula albifrons (Stemula albifrons) (Stemula albifrons) (Stemula albifrons) (Stema albifrons) (Stema albifrons) Maspie Goose (V)  Anseranas semipalmata  MS  Y  Masked Owl (V)  Tyto novaeholiandiae  Charadrius mongolus Lesser Sand Plover (V) Northern Giant Petrel (V) Macronectes halii  V,MS,B  Y  Powerful Owl (V)  Ninox strenua  Haematopus longirostris  Y  Powerful Owl (V)  Red-backed Button-quail (V)  Red-backed Button-quail (V)  Red-backed Button-quail (V)  Regent Honeyeater (CE) (Xanthomyza phrygia)  Rose-crowned Fruit-dove (V)  Ptilinopus regina  Scarlet Robin (V)  Petroica boodang  Thalassarche cauta (Diomedea cauta)  Sooty Owl (V)  Tyto tenebricosa  Sooty Oystercatcher (V)  Haematopus fuliginosus  Y  Sooty Tern (V)  Sooty Front (V)  Speckled Warbler (V)  Pyrrholaemus sagittata  Y  Square-lailed Kite (V)  Lophoictinia Isura  Square-lailed Kite (V)  Lophoictinia Isura  Swift Parrot (E)  Lathamus discolor  Terek Sandpiper (V)  Renus cinereus  MS  Y  White-fonted Chat (V)  Pillinopus magnificus  V  V  INSECTS	Hooded Robin (south-eastern form) (V)	Melanodryas cucullata cucullata		Υ
Little Tem (E)  Sternula albifrons (Sterna albifrons) Magpie Goose (V) Anserans semipalmata Anserdow (V) Mongolian Plover Lesser Sand Plover (V) Northern Giant Petrel (V) Pled Oystercatcher (E) Powerful Owl (V) Red-backed Button-quail (V) Red-backed Button-quail (V) Red-backed Button-quail (V) Regent Honeyeater (CE) Regent Honeyeater (CE) Shake (CE) Reservance of Pullinopus regina Rose-crowned Fruit-dove (V) Petroica boodang Shake (CE) Shake (CE) Shake (CE) Reservance (CE) Rose-crowned Fruit-dove (V)	Little Eagle (V)	Hieraaetus morphnoides		Υ
Little Tern (E)         (Sterna abifrons)         MS,B,C,J,K         Y           Magpie Goose (V)         Anseranas semipalmata         MS         Y           Masked OWI (V)         Tyto novaehollandiae         Y           Mongolian Plover         Lesser Sand Plover (V)         Charadrius mongolus         E,MS,B,C,J,K         Y           Lesser Sand Plover (V)         Macronectes halli         V,MS,B         Y           Pied Oystercatcher (E)         Haematopus longirostris         Y           Powerful Owl (V)         Ninox strenua         Y           Red-backed Button-quali (V)         Tumix maculosus         Y           Red-backed Button-quali (V)         Tumix maculosus         Y           Red Goshawk (CE)         Erythrotirorchis radiatus         V         Y           Regent Honeyeater (CE)         Anthochaera phrygia (Xanthomyza phrygia)         CE         Y           Rose-crowned Fruit-dove (V)         Pitlinopus regina         Y         Y           Scarlet Robin (V)         Petroica boodang         E,MS, B         Y           Shy Albatross (E)         Thalassarche cauta (Diomedea cauta)         E,MS, B         Y           Sooty Owl (V)         Tyto tenebricosa         Y           Sooty Tern (V)         Circus assimilis         Y	Little Lorikeet (V)	Glossopsitta pusilla		Υ
Masked Owl (V)  Mongolian Plover Lesser Sand Plover (V)  Northern Giant Petrel (V)  Macronectes halli  Pied Oystercatcher (E)  Haematopus longirostris  Powerful Owl (V)  Red-backed Button-quali (V)  Red-backed Button-quali (V)  Regent Honeyeater (CE)  Regent Honeyeater (CE)  Anthochaera phrygia (Xanthomyza phrygia)  Scarlet Robin (V)  Petrolca boodang  Thalassarche cauta (Diomedea cauta)  Sooty Owl (V)  Sooty Oystercatcher (V)  Haematopus fuliginosus  Orychoprion fuscata (Sterna fuscata)  Southern Giant-petrel (E)  Macronectes giganteus  Spetted Harrier (V)  Superb Fruit-dove (V)  Prilinopus superbus  MS  Y  Superb Fruit-dove (V)  Prilinopus superbus  MS  Y  Spetted Harrier (V)  Circus assimilis  Y  Superb Fruit-dove (V)  Prilinopus superbus  MS  Y  Swift Parrot (E)  Lathamus discolor  CE, MS  Y  V  V  V  V  V  V  V  V  V  V  V  V	Little Tern (E)		MS,B,C,J,K	Υ
Mongolian Plover Lesser Sand Plover (V)  Northern Giant Petrel (V)  Macronectes halli  V,MS,B  Y  Pied Oystercatcher (E)  Haematopus longirostris  Powerful Owl (V)  Red-backed Button-quail (V)  Red-backed Button-quail (V)  Regent Honeyeater (CE)  Regent Honeyeater (CE)  Phiologus regina  Scarlet Robin (V)  Phiologus regina  Sooty Owl (V)  Tyto tenebricosa  Sooty Oystercatcher (V)  Macronectes giganteus  Sooty Tern (V)  Southern Giant-petrel (E)  Macronectes giganteus  Southern Giant-petrel (E)  Macronectes giganteus  Speckled Warbler (V)  Putinopus superbus  Swift Parrot (E)  Lathamus discolor  Terek Sandpiper (V)  Xenus cinereus  WS  V  V  V  V  V  V  V  V  V  V  V  V  V	Magpie Goose (V)	Anseranas semipalmata	MS	Υ
Lesser Sand Plover (V)  Northern Giant Petrel (V)  Macronectes halli  V,MS,B  Y  Pied Oystercatcher (E)  Haematopus longirostris  Y  Red-backed Button-quail (V)  Regent Honeyeater (CE)  Scarlet Robin (V)  Petroica boodang  Shy Albatross (E)  Sooty Owl (V)  Sooty Tern (V)  Sooty Tern (V)  Southern Giant-petrel (E)  Macronectes giganteus  Southern Giant-petrel (E)  Macronectes giganteus  Southern Giant-petrel (E)  Macronectes giganteus  Sutherarier (V)  Square-tailed Kite (V)  Ptilinopus superbus  Swift Parrot (E)  Macronectes giganteus  Superb Fruit-dove (V)  Ptilinopus regina  F,MS,B  Y  CE  Y  Y  Y  Y  Y  Y  Y  Y  Y  Y  Y  Y  Y	Masked Owl (V)	Tyto novaehollandiae		Υ
Lesser Sand Plover (V)  Northern Giant Petrel (V)  Nacronectes halli  Powerful Owl (V)  Red-backed Button-quail (V)  Regent Honeyeater (CE)  Petriorova Petroleove (V)  Regent Honeyeater (CE)  Scarlet Robin (V)  Shy Albatross (E)  Soty Owl (V)  Sooty Oystercatcher (V)  Sooty Terrn (V)  Southern Giant-petrel (E)  Macronectes giganteus  Southern Giant-petrel (E)  Macronectes giganteus  Southern Giant-petrel (E)  Macronectes giganteus  Speckled Warbler (V)  Speckled Warbler (V)  Suiff Parrot (E)  Lathamus discolor  Lathamus discolor  Terek Sandpiper (V)  Varied Stitlela (V)  Daphoenositta chrysoptera  Wisserts  Wisserts  Wisserts  Wisserts  Wisserts  Wisserts  V, MS,B  Y  V  V  V  Y  V  Y  V  Y  V  Y  V  Y  V  Y  V  Y  V  Y  V  V	Mongolian Plover	o	5.140.D.O.114	
Pied Oystercatcher (E)	Lesser Sand Plover (V)	Cnaradrius mongoius	E,MS,B,C,J,K	Y
Powerful Owl (V) Red-backed Button-quail (V) Red-backed Button-quail (V) Regent Honeyeater (CE) Regent Honeyeater (CE) Rese-crowned Fruit-dove (V) Rose-crowned Fruit-dove (V) Rose-crowned Fruit-dove (V) Rose-crowned Fruit-dove (V) Rejlinopus regina Rose-crowned Fruit-dove (V) Rejlinopus regina Rose-crowned Fruit-dove (V) Rejlinopus regina Rose-crowned Fruit-dove (V) Rose-crowned Fruit-dove (	Northern Giant Petrel (V)	Macronectes halli	V,MS,B	Υ
Red-backed Button-quail (V)  Red Goshawk (CE)  Erythrotriorchis radiatus  V  Y  Regent Honeyeater (CE)  Anthochaera phrygia (Xanthomyza phrygia)  Rose-crowned Fruit-dove (V)  Ptilinopus regina  Scarlet Robin (V)  Petroica boodang  Thalassarche cauta (Diomedea cauta)  Sooty Owl (V)  Tyto tenebricosa  Sooty Tem (V)  Sooty Tem (V)  Speckled Warbler (V)  Pyrrholaemus sagiitata  Speckled Warbler (V)  Pyrrholaemus sagiitata  Speckled Kite (V)  Lophoictinia isura  Superb Fruit-dove (V)  Ptilinopus superbus  Was  Wisher-ariot (E)  Lathamus discolor  Terek Sandpiper (V)  Neophema pulchella  Varied Sittella (V)  Daphoenositta chrysoptera  Wisher-fonted Chat (V)  Ptilinopus magnificus  V  V  Neoptos  Nesects	Pied Oystercatcher (E)	Haematopus longirostris		Υ
Red Goshawk (CE)	Powerful Owl (V)	Ninox strenua		Υ
Regent Honeyeater (CE)  Anthochaera phrygia (Xanthomyza phrygia)  Rose-crowned Fruit-dove (V)  Ptilinopus regina  Scarlet Robin (V)  Petroica boodang  Thalassarche cauta (Diomedea cauta)  Shy Albatross (E)  Sooty Owl (V)  Tyto tenebricosa  Sooty Oystercatcher (V)  Haematopus fuliginosus  Y  Sooty Tern (V)  Sooty Tern (V)  Speckled Warbler (V)  Pyrrholaemus sagittata  Speckled Warbler (V)  Square-tailed Kite (V)  Lophoictinia isura  Superb Fruit-dove (V)  Ptilinopus superbus  MS  With Parrot (E)  Lathamus discolor  Terek Sandpiper (V)  Neophema pulchella  Varied Sittella (V)  Daphoenositta chrysoptera  WS  White-fronted Chat (V)  Ptilinopus magnificus  Ptilinopus magnificus	Red-backed Button-quail (V)	Tumix maculosus		Υ
Regent Honeyeater (CE)  (Xanthomyza phrygia)  Rose-crowned Fruit-dove (V)  Petroica boodang  Thalassarche cauta (Diomedea cauta)  Soty Owl (V)  Tyto tenebricosa  Sooty Oystercatcher (V)  Haematopus fuliginosus  Onychoprion fuscata (Sterna fuscata)  Southern Giant-petrel (E)  Macronectes giganteus  E,MS, B  Y  Speckled Warbler (V)  Pyrrholaemus sagittata  Square-tailed Kite (V)  Lophoictinia isura  Superb Fruit-dove (V)  Ptilinopus superbus  MS  Y  Swift Parrot (E)  Lathamus discolor  Terek Sandpiper (V)  Neophema pulchella  Varied Sittella (V)  Daphoenositta chrysoptera  WS  White-fronted Chat (V)  Ptilinopus magnificus  PY  Nesects	Red Goshawk (CE)	Erythrotriorchis radiatus	V	Υ
Rose-crowned Fruit-dove (V)  Petilinopus regina  Scarlet Robin (V)  Petroica boodang  Thalassarche cauta (Diomedea cauta)  Sooty Owl (V)  Sooty Oystercatcher (V)  Alaematopus fuliginosus  Sooty Tern (V)  Southern Giant-petrel (E)  Acronectes giganteus  Speckled Warbler (V)  Pyrrholaemus sagittata  Spotted Harrier (V)  Square-tailed Kite (V)  Lophoictinia isura  Swift Parrot (E)  Lathamus discolor  Terek Sandpiper (V)  Xenus cinereus  MS  Y  Neither Giant-petrel (V)  Aneronectes giganteus  E,MS,B  Y  Speckled Warbler (V)  Pyrrholaemus sagittata  Y  Square-tailed Kite (V)  Lophoictinia isura  MS  Y  Swift Parrot (E)  Lathamus discolor  CE,MS  Y  Terek Sandpiper (V)  Xenus cinereus  MS,B,C,J,K  Y  Turquoise Parrot (V)  Neophema pulchella  Varied Sittella (V)  Daphoenositta chrysoptera  White-bellied Sea-eagle (V)  Haliaeetus leucogaster  MS  Y  NSECTS	De mart Hannes star (OF)	Anthochaera phrygia	05	V
Scarlet Robin (V)  Petroica boodang  Thalassarche cauta (Diomedea cauta)  Sooty Owl (V)  Tyto tenebricosa  Sooty Oystercatcher (V)  Haematopus fuliginosus  Onychoprion fuscata (Sterna fuscata)  Southern Giant-petrel (E)  Macronectes giganteus  Speckled Warbler (V)  Pyrrholaemus sagittata  Spotted Harrier (V)  Circus assimilis  Y  Square-tailed Kite (V)  Ptilinopus superbus  MS  Y  Swift Parrot (E)  Lathamus discolor  Terek Sandpiper (V)  Xenus cinereus  MS,B,C,J,K  Y  Turquoise Parrot (V)  Neophema pulchella  Y  White-bellied Sea-eagle (V)  Haliaeetus leucogaster  MS  W  White-fronted Chat (V)  Ptilinopus magnificus  Ptilinopus magnificus	Regent Honeyeater (CE)	(Xanthomyza phrygia)	CE	Y
Shy Albatross (E)  Thalassarche cauta (Diomedea cauta)  Sooty Owl (V)  Tyto tenebricosa  Y  Sooty Oystercatcher (V)  Haematopus fuliginosus  Onychoprion fuscata (Sterna fuscata)  Southern Giant-petrel (E)  Macronectes giganteus  E,MS,B  Y  Speckled Warbler (V)  Pyrrholaemus sagittata  Y  Spotted Harrier (V)  Circus assimilis  Y  Square-tailed Kite (V)  Lophoictinia isura  Y  Swift Parrot (E)  Lathamus discolor  Terek Sandpiper (V)  Neophema pulchella  Y  Varied Sittella (V)  Daphoenositta chrysoptera  White-bellied Sea-eagle (V)  Haliaeetus leucogaster  WS  Wompoo Fruit-dove (V)  Ptilinopus magnificus  F,MS,B  Y  K  Y  WINSECTS	Rose-crowned Fruit-dove (V)	Ptilinopus regina		Υ
Shy Albatross (E)  (Diomedea cauta)  Sooty Owl (V)  Tyto tenebricosa  Y  Sooty Oystercatcher (V)  Haematopus fuliginosus  Onychoprion fuscata (Sterna fuscata)  Southern Giant-petrel (E)  Macronectes giganteus  E,MS,B  Y  Speckled Warbler (V)  Pyrrholaemus sagittata  Y  Spotted Harrier (V)  Circus assimilis  Y  Square-tailed Kite (V)  Lophoictinia isura  Y  Swift Parrot (E)  Lathamus discolor  CE,MS  Y  Terek Sandpiper (V)  Neophema pulchella  Y  Varied Sittella (V)  Daphoenositta chrysoptera  White-bellied Sea-eagle (V)  White-fronted Chat (V)  Ptilinopus magnificus  E,MS,B  Y  Y  W  MS  Y  WI  MS  MS  MS  Y  WI  MS  MS  MS  Y  WI  MS  MS  MS  Y  MS  MS  MS  MS  MS  MS	Scarlet Robin (V)	Petroica boodang		Υ
Sooty Owl (V) Tyto tenebricosa Y Sooty Oystercatcher (V) Haematopus fuliginosus Onychoprion fuscata (Sterna fuscata)  Southern Giant-petrel (E) Macronectes giganteus E,MS,B Y Speckled Warbler (V) Pyrrholaemus sagittata Y Spotted Harrier (V) Circus assimilis Y Square-tailed Kite (V) Lophoictinia isura Y Swift Parrot (E) Lathamus discolor CE,MS Y Terek Sandpiper (V) Xenus cinereus MS,B,C,J,K Y Turquoise Parrot (V) Neophema pulchella Varied Sittella (V) Daphoenositta chrysoptera White-fronted Chat (V) Ptilinopus magnificus Y Wempoo Fruit-dove (V) Ptilinopus magnificus Y WINSECTS	Chy Albertage (E)	Thalassarche cauta	EMC D	V
Sooty Oystercatcher (V)  Haematopus fuliginosus  Onychoprion fuscata (Sterna fuscata)  Southern Giant-petrel (E)  Macronectes giganteus  E,MS,B  Y  Speckled Warbler (V)  Pyrrholaemus sagittata  Y  Spotted Harrier (V)  Circus assimilis  Y  Square-tailed Kite (V)  Lophoictinia isura  Y  Superb Fruit-dove (V)  Ptilinopus superbus  MS  Y  Swift Parrot (E)  Lathamus discolor  CE,MS  Y  Turquoise Parrot (V)  Neophema pulchella  Y  Varied Sittella (V)  Daphoenositta chrysoptera  WS  White-fronted Chat (V)  Ptilinopus magnificus  Y  INSECTS	Sily Albatross (E)	(Diomedea cauta)	E,IVIO, D	Ť
Sooty Tern (V)  Southern Giant-petrel (E)  Macronectes giganteus  E,MS,B  Y  Speckled Warbler (V)  Pyrrholaemus sagittata  Y  Spotted Harrier (V)  Circus assimilis  Y  Square-tailed Kite (V)  Lophoictinia isura  Y  Superb Fruit-dove (V)  Ptilinopus superbus  MS  Y  Swift Parrot (E)  Lathamus discolor  Terek Sandpiper (V)  Xenus cinereus  MS,B,C,J,K  Y  Turquoise Parrot (V)  Neophema pulchella  Y  Varied Sittella (V)  Daphoenositta chrysoptera  MS  Y  White-fronted Chat (V)  Ptilinopus magnificus  Y  INSECTS	Sooty Owl (V)	Tyto tenebricosa		Υ
Southern Giant-petrel (E)  Macronectes giganteus  E,MS,B  Y  Speckled Warbler (V)  Pyrrholaemus sagittata  Y  Spotted Harrier (V)  Circus assimilis  Y  Square-tailed Kite (V)  Lophoictinia isura  Y  Superb Fruit-dove (V)  Ptilinopus superbus  MS  Y  Swift Parrot (E)  Lathamus discolor  CE,MS  Y  Terek Sandpiper (V)  Xenus cinereus  MS,B,C,J,K  Y  Turquoise Parrot (V)  Neophema pulchella  Y  Varied Sittella (V)  Daphoenositta chrysoptera  White-bellied Sea-eagle (V)  Haliaeetus leucogaster  MS  Y  White-fronted Chat (V)  Epthianura albifrons  Y  Wompoo Fruit-dove (V)  Ptilinopus magnificus	Sooty Oystercatcher (V)	Haematopus fuliginosus		Υ
Southern Giant-petrel (E)  Macronectes giganteus  E,MS,B  Y  Speckled Warbler (V)  Pyrrholaemus sagittata  Y  Spotted Harrier (V)  Circus assimilis  Y  Square-tailed Kite (V)  Lophoictinia isura  Y  Superb Fruit-dove (V)  Ptilinopus superbus  MS  Y  Swift Parrot (E)  Lathamus discolor  CE,MS  Y  Turquoise Parrot (V)  Neophema pulchella  Y  Varied Sittella (V)  Daphoenositta chrysoptera  White-bellied Sea-eagle (V)  Haliaeetus leucogaster  MS  Y  White-fronted Chat (V)  Ptilinopus magnificus  Y  INSECTS	Cooky Town (A)	Onychoprion fuscata	MC	V
Speckled Warbler (V)  Pyrrholaemus sagittata  Y  Spotted Harrier (V)  Circus assimilis  Y  Square-tailed Kite (V)  Lophoictinia isura  Y  Superb Fruit-dove (V)  Ptilinopus superbus  MS  Y  Swift Parrot (E)  Lathamus discolor  CE,MS  Y  Terek Sandpiper (V)  Xenus cinereus  MS,B,C,J,K  Y  Turquoise Parrot (V)  Neophema pulchella  Y  Varied Sittella (V)  Daphoenositta chrysoptera  White-bellied Sea-eagle (V)  Haliaeetus leucogaster  MS  Y  White-fronted Chat (V)  Ptilinopus magnificus  INSECTS	Sooty Terri (V)	(Sterna fuscata)	IVIO	ľ
Spotted Harrier (V)  Circus assimilis  Y  Square-tailed Kite (V)  Lophoictinia isura  Y  Superb Fruit-dove (V)  Ptilinopus superbus  MS  Y  Swift Parrot (E)  Lathamus discolor  CE,MS  Y  Terek Sandpiper (V)  Xenus cinereus  MS,B,C,J,K  Y  Turquoise Parrot (V)  Neophema pulchella  Y  Varied Sittella (V)  Daphoenositta chrysoptera  White-bellied Sea-eagle (V)  Haliaeetus leucogaster  MS  Y  White-fronted Chat (V)  Epthianura albifrons  Y  Wompoo Fruit-dove (V)  Ptilinopus magnificus  INSECTS	Southern Giant-petrel (E)	Macronectes giganteus	E,MS,B	Υ
Square-tailed Kite (V)  Lophoictinia isura  Y  Superb Fruit-dove (V)  Ptilinopus superbus  MS  Y  Swift Parrot (E)  Lathamus discolor  CE,MS  Y  Terek Sandpiper (V)  Xenus cinereus  MS,B,C,J,K  Y  Turquoise Parrot (V)  Neophema pulchella  Y  Varied Sittella (V)  Daphoenositta chrysoptera  White-bellied Sea-eagle (V)  Haliaeetus leucogaster  MS  Y  White-fronted Chat (V)  Epthianura albifrons  Y  INSECTS	Speckled Warbler (V)	Pyrrholaemus sagittata		Υ
Superb Fruit-dove (V)  Ptilinopus superbus  MS  Y  Swift Parrot (E)  Lathamus discolor  CE,MS  Y  Terek Sandpiper (V)  Xenus cinereus  MS,B,C,J,K  Y  Turquoise Parrot (V)  Neophema pulchella  Y  Varied Sittella (V)  Daphoenositta chrysoptera  White-bellied Sea-eagle (V)  Haliaeetus leucogaster  MS  Y  White-fronted Chat (V)  Epthianura albifrons  Y  Wompoo Fruit-dove (V)  Ptilinopus magnificus  Y  INSECTS	Spotted Harrier (V)	Circus assimilis		Υ
Swift Parrot (E)  Lathamus discolor  CE,MS  Y  Terek Sandpiper (V)  Xenus cinereus  MS,B,C,J,K  Y  Turquoise Parrot (V)  Neophema pulchella  Y  Varied Sittella (V)  Daphoenositta chrysoptera  Y  White-bellied Sea-eagle (V)  Haliaeetus leucogaster  MS  Y  White-fronted Chat (V)  Epthianura albifrons  Y  Wompoo Fruit-dove (V)  Ptilinopus magnificus  Y  INSECTS	Square-tailed Kite (V)	Lophoictinia isura		Υ
Terek Sandpiper (V)  Xenus cinereus  MS,B,C,J,K  Y  Turquoise Parrot (V)  Neophema pulchella  Y  Varied Sittella (V)  Daphoenositta chrysoptera  Y  White-bellied Sea-eagle (V)  Haliaeetus leucogaster  MS  Y  White-fronted Chat (V)  Epthianura albifrons  Y  Wompoo Fruit-dove (V)  Ptilinopus magnificus  Y  INSECTS	Superb Fruit-dove (V)	Ptilinopus superbus	MS	Υ
Turquoise Parrot (V)  Neophema pulchella  Varied Sittella (V)  Daphoenositta chrysoptera  Y  White-bellied Sea-eagle (V)  Haliaeetus leucogaster  MS  Y  White-fronted Chat (V)  Epthianura albifrons  Y  Wompoo Fruit–dove (V)  Ptilinopus magnificus  Y  INSECTS	Swift Parrot (E)	Lathamus discolor	CE,MS	Υ
Varied Sittella (V)  Daphoenositta chrysoptera  White-bellied Sea-eagle (V)  Haliaeetus leucogaster  MS  Y  White-fronted Chat (V)  Epthianura albifrons  Y  Wompoo Fruit-dove (V)  Ptilinopus magnificus  Y  INSECTS	Terek Sandpiper (V)	Xenus cinereus	MS,B,C,J,K	Υ
White-bellied Sea-eagle (V)  White-fronted Chat (V)  Wompoo Fruit-dove (V)  Ptilinopus magnificus  Y  INSECTS	Turquoise Parrot (V)	Neophema pulchella		Υ
White-fronted Chat (V)	Varied Sittella (V)	Daphoenositta chrysoptera		Υ
Wompoo Fruit–dove (V)  Ptilinopus magnificus  Y  INSECTS	White-bellied Sea-eagle (V)	Haliaeetus leucogaster	MS	Υ
INSECTS	White-fronted Chat (V)	Epthianura albifrons		Υ
	Wompoo Fruit-dove (V)	Ptilinopus magnificus		Υ
Giant Dragonfly (E) Petalura gigantea Y	INSECTS			
	Giant Dragonfly (E)	Petalura gigantea		Υ

COMMON NAME	SCIENTIFIC NAME	EPBC Act	RECORDED
MAMMALS			
Brush-tailed Phascogale (V)	Phascogale tapoatafa		Υ
Brush-tailed Rock-wallaby (E)	Petrogale penicillata	V	Υ
Eastern Bentwing-bat (V)	Miniopterus schreibersii oceanensis		Υ
	Eptesicus troughtoni		V
Eastern Cave Bat (V)	(Vespadelus troughtoni)		Υ
Eastern Chestnut Mouse (V)	Pseudomys gracilicaudatus		
Eastern Free-tail Bat	Mormopterus norfolkensis		Υ
Eastern Little Mastiff-Bat (V)	Montopletus nonoikensis		1
Eastern Pygmy-possum (V)	Cercartetus nanus		Υ
Eastern Quoll (E)	Dasyurus viverrinus	E	
Golden-tipped Bat (V)	Kerivoula papuensis		Υ
Greater Broad-nosed Bat (V)	Scoteanax rueppellii		Υ
Great Pipistrelle	Falsistrellus tasmaniensis		Υ
Eastern (False) Falsistrelle (V)			
Grey-headed Flying-fox (V)	Pteropus poliocephalus	V	Y
Koala (E)	Phascolarctos cinereus	E	Y
Large-eared Pied Bat (V)	Chalinolobus dwyeri	V	Υ
Large Pied Bat			
Large-footed Mouse-eared Bat	Myotis adversus		Υ
Southern Myotis (V)			\ <u></u>
Little Bent-wing Bat (V)	Miniopterus australis		Y
Long-nosed Potoroo (V)	Potorous tridactylus tridactylus	V	Y
Parma Wallaby (V)	Notamacropus parma	V	Y
Southern Greater Glider (E)	Petauroides volans	E	Y
Spotted-tail Quoll	Dasyurus maculatus maculatus	E	Υ
Tiger Quoll (V)	Determine newfolgensie		V
Squirrel Glider (V)	Petaurus norfolcensis	W	Y
Yellow-bellied Glider (V)  Vollow hellied Sheath tailed Bat (V)	Petaurus australis Saccolaimus flaviventris	V	Y
Yellow-bellied Sheath-tailed Bat (V)			
MARINE MAMMALS (in coastal wa		MC	V
Australian Fur-Seal (V)	Arctocephalus pusillus	MS	Y
Blue Whale (E)	Balaenoptera musculus	E,B	Υ
Dugong (E)  New Zealand Fur Seal	Dugong dugon	MS,B	
Long-nosed Fur-seal (V)	Arctocephalus forsteri	MS	
Southern Right Whale (E)	Eubalaena australis	E,B	Υ
Sperm Whale (V)	Physeter catadon	В	
PLANTS	, solor oddadon		
Angus's Onion Orchid (E)	Microtis angusii	E	
Austral Toadflax		_	
Toadflax (V)	Thesium australe	V	
Biconvex Paperbark (V)	Melaleuca biconvexa	V	Υ
Black-eyed Susan (V)	Tetratheca juncea	V	Y
Bynoe's Wattle; Tiny Wattle (E)	Acacia bynoeana	V	Y

COMMON NAME	SCIENTIFIC NAME	EPBC Act	RECORDED
PLANTS			
Camfield's Stringybark (V)	Eucalyptus camfieldii	V	Y
Charmhaven Apple (V)	Angophora inopina	V	Υ
Coastal Groundsel (1920 record) (E)	Senecio spathulatus		Y
Coastal Headland Pea (V)	Pultenaea maritima		Y
Coastal Spurge (E)	Chamaesyce psammogeton		Υ
Corunastylis Charmhaven Wyong Midge Orchid 2 (CE)	Corunastylis sp. Charmhaven (NSW896673)	CE	Υ
Drooping Red Gum Earp's Dirty Gum (V)	Eucalyptus parramattensis subsp. decadens	V	Υ
Eastern Underground Orchid (V)	Rhizanthella slateri	E	Υ
Glandular Pink-bell (V)	Tetratheca glandulosa		Υ
Heath Wrinklewort (V)	Rutidosis heterogama	V	Y
Horned Pond Weed (E)	Zannichellia palustris		Y
Leafless Tongue-orchid (V)	Cryptostylis hunteriana	V	Y
Magenta Lilly Pilly (E)	Syzygium paniculatum	V	Υ
Maundia (a herb) (V)	Maundia triglochinoides		Υ
Native Guava (CE)	Rhodomyrtus psidioides	CE	Y
Netted Bottle Brush (V)	Callistemon linearifolius		Υ
Newcastle Doubletail (V)	Diuris praecox	V	Y
Port Jackson Heath (V)	Epacris purpurascens var. purpurascens		Y
Red Helmeted Orchid (E)	Corybas dowlingii		Y
Scrub Turpentine Brown Malletwood (CE)	Rhodamnia rubescens	CE	Y
Small-flower Grevillea (V)	Grevillea parviflora subsp. parviflora	V	Υ
Spider Orchid (E)	Dendrobium melaleucaphilum		
Tall Knotweed (V)	Persicaria elatior	V	Υ
Thick-leaf Star-hair (V)	Astrotricha crassifolia	V	Υ
Trailing Woodruff (V)	Asperula asthenes	V	Υ
Villous Mintbush (V)	Prostanthera densa	V	
White-flowered Wax Plant (E)	Cynanchum elegans	Е	Υ
Wyong Midge Orchid 1	Corunastylis insignis	CE	V
Variable Midge Orchid 1 (CE)	(Genoplesium insigne)	CE	Υ
Wyong Sun Orchid (CE)	Thelymitra adorata	CE	Υ
Yellow Gnat-orchid (E)	Genoplesium baueri	E	
REPTILES			
Broad-headed Snake (V)	Hoplocephalus bungaroides	V	
Green Turtle (V)	Chelonia mydas	V,MS,B	Υ
Heath Monitor Rosenberg's Goanna (V)	Varanus rosenbergi		
Leatherback Turtle Leathery Turtle (V)	Dermochelys coriacea	E,MS,B	
Loggerhead Turtle (V)	Caretta caretta	E,MS,B	Y
Pale-headed Snake (V)	Hoplocephalus bitorquatus	_, 2,=	
Stephen's Banded Snake (V)	Hoplocephalus stephensii		Y

#### Species listed as threatened under the EPBC Act 1999 but not the BC Act 2016 or FM Act 1994

New Holland Mouse (Pseudomys novaehollandiae) – vulnerable under EPBC Act
Eastern Curlew (Numenius madagascariensis) – critically endangered under EPBC Act
Bar-tailed Godwit (Limosa lapponica baueri) – vulnerable under EPBC Act
Red Knot (Calidris canutus) – endangered under EPBC Act
White-throated Needletail (Hirundapus caudacutus) – vulnerable under EPBC Act

#### Rare or Threatened Plant Species (ROTAP) Species Known to Occur

Callistemon shiressii (3RC-)

Eucalyptus fergusonii subsp. fergusonii (3KC-)

Gonocarpus salsoloides (3RCa)

Typhonium eliosurum (3RC-)

Macrozamia pauli-guilielmi subsp flexuosa (2K) (syn. Macrozamia flexuosa)

Arthrochilus prolixus (2K) Elbow Orchid

#### Other Rare Plant Species Known to Occur

Thelymitra branwhitei ms

## Species known or likely to occur in Lake Macquarie which are listed as threatened under the *Fisheries Management Act 1994*

COMMON NAME	SCIENTIFIC NAME	EPBC Act	RECORDED
FISH			
Black Rockcod / Black Cod (V)	Epinephelus daemelii	V	
Great Hammerhead (V)	Sphyrna mokarran		
Great White Shark	Carcharodon carcharias	V, B	Υ
White Shark (V)			
Green Sawfish Narrowsnout Sawfish (Ex)	Pristis zijsron	V	(historical record only)
Grey Nurse Shark (CE)	Carcharias taurus	CE	Υ
Scalloped Hammerhead (E)	Sphyrna lewini	"Conservation Dependent"	
Southern Bluefin Tuna (oceanic continental shelf waters offshore of LGA) (E)	Thunnus maccoyii		
White's Seahorse (E)	Hippocampus whitei	E	Υ
INSECTS			
Adams Emerald Dragonfly (E)	Archaeophya adamsi		
OTHER			
Cauliflower Soft Coral (E)	Dendronephthya australis	E	Υ
PLANTS			
ENDANGERED POPULATIONS			
Strap weed in Lake Macquarie (E)	Posidonia australis in Lake Macquarie	E	Υ

### Key Threatening Processes Listed under NSW Biodiversity Conservation Act 2016

- 1. Anthropogenic Climate Change
- 2. Bushrock Removal
- 3. Predation by the Feral Cat (*Felis catus*)
- 4. Invasion of native plant communities by Bitou Bush (Chrysanthemoides monilifera)
- 5. Predation by the European Red Fox (Vulpes vulpes)
- 6. Predation by Mosquito Fish (Gambusia holbrooki)
- 7. High Frequency Fire resulting in the disruption of life cycle processes in plants and animals and loss of vegetation structure and composition
- 8. Loss or Degradation (or both) of sites used for hill-topping by butterflies
- 9. Clearing of native vegetation
- 10. Alteration to the natural flow regimes of rivers and streams and their floodplains/wetlands
- 11. Competition and grazing by the feral European Rabbit (*Oryctolagus cuniculus*)
- 12. Competition from feral honeybees Apis mellifera
- 13. Infection by Psittacine Circoviral (beak and feather) Disease affecting endangered psittacine species and populations
- 14. Infection of Native Plants by Phytophthora cinnamomi
- 15. Infection of frogs by amphibian chytrid fungus causing the disease chytridiomycosis
- 16. Invasion of native plant communities by exotic perennial grasses
- 17. The entanglement in or ingestion of anthropogenic debris in marine and estuarine environments
- 18. Removal of dead wood, dead trees and logs
- 19. Predation, habitat degradation, competition and disease transmission by Feral Pigs (*Sus scrofa*)
- 20. Competition and habitat degradation by Feral Goats (Capra hircus)
- 21. Herbivory and environmental degradation caused by feral deer
- 22. Alteration of habitat following subsidence due to long wall mining
- 23. Death or injury to marine species following capture in shark control programs on oceans and beaches
- 24. Invasion and establishment of exotic vines and scramblers
- 25. Invasion and establishment of the Cane Toad (*Bufo marinus*)
- 26. Invasion establishment and spread of Lantana (Lantana camara)
- 27. The loss of hollow-bearing trees
- 28. Forest eucalypt dieback associated with over-abundant psyllids and Bell Miners
- 29. Predation and Hybridization by Feral Dogs
- 30. Invasion of Native Plant Communities by African Olive (*Olea europaea*)
- 31. Introduction and Establishment of Exotic Rust Fungi of the order Pucciniales pathogenic on plants of the family Myrtaceae as a Key Threatening Process
- 32. The Invasion and establishment of escaped exotic garden plants, including aquatic plants
- 33. Aggressive exclusion of birds from woodland and forest habitat by abundant Noisy Miners (Manorina melanocephala)

## **List of Relevant State Recovery Plans**

- Koala Recovery Plan, November 2008
- Barking Owl draft Recovery Plan, February 2003
- Little Tern Recovery Plan, October 2003
- Green & Golden Bell Frog draft Recovery Plan, February 2005
- Magenta Lilly Pilly draft Recovery Plan (replaced by National recovery plan for Magenta Lilly Pilly (*Syzygium paniculatum*), 2012)
- Yellow-bellied Glider Recovery Plan, February 2003
- Large Forest Owl Recovery Plan, October 2006
- Brush-tailed Rock Wallaby Recovery Plan, March 2008
- Bush Stone Curlew Recovery Plan, February 2006
- Red Goshawk Recovery Plan, October 2002

#### **List of Relevant State Threat Abatement Plans**

- Bitou Bush and Boneseed Threat Abatement Plan, July 2006
- Predation by Red Fox Threat Abatement Plan, December 2001
- Predation by Plague Minnow Threat Abatement Plan, August 2003

# Federal Key Threatening Processes Listed under *Environmental Protection and Biodiversity Conservation Act 1999*

- 1. Competition and land degradation by rabbits
- 2. Competition and land degradation by unmanaged goats
- 3. Dieback caused by the root-rot fungus (*Phytophthora cinnamomi*)
- 4. Incidental (or by catch) of seabirds during oceanic long line fishing operations
- 5. Infection of amphibians with chytrid fungus resulting in chytridiomycosis
- 6. Injury and fatality to vertebrate marine life caused by ingestion of, or entanglement in harmful marine debris
- 7. Land clearance
- 8. Loss and degradation of native plant and animal habitat by invasion of escaped garden plants including aquatic plants
- 9. Loss of terrestrial climatic habitat caused by anthropogenic emissions of greenhouse gases
- 10. Predation by European Fox
- 11. Predation by Feral Cats
- 12. Predation, habitat degradation, competition and Disease Transmission by Feral Pigs
- 13. Psittacine Circoviral (beak and feather) disease affecting psittacine species
- 14. The biological effects, including lethal toxic ingestion, caused by Cane Toads (*Bufo marinus*)
- 15. The reduction in the biodiversity of Australian native fauna and flora due to the red imported fire ant, *Solenopsis invicta* (fire ant)
- 16. Aggressive exclusion of birds from potential woodland and forest habitat by over-abundant noisy miners (*Manorina melanocephala*)
- 17. Novel biota and their impact on biodiversity
- 18. Fire regimes that cause declines in biodiversity

#### **List of Relevant Federal Recovery Plans**

- National Recovery plan for the Koala: Phascolarctos cinereus (combined populations of Queensland, New South Wales and the Australian Capital Territory), March 2022. Department of Agriculture, Water and the Environment, Canberra
- Draft National Recovery Plan for **Swift Parrot** *Lathamus discolor* Commonwealth of Australia January 2019
- National Recovery Plan for Red Goshawk Erythrotriorchris radiatus Australian, Queensland,
   Northern Territory Governments, NSW Government Office of Environment and Heritage,

Western Australian Government -Department of Environment and Conservation (2012)

- National Recovery Plan for Large-eared Pied Bat Chalinolobus dwyeri Australian Government,
   Queensland Government and NSW Government Office of Environment and Heritage (2011)
- National Recovery Plan for the Stuttering Frog Mixophyes balbus Australian Government, NSW
  Office of Environment and Heritage, Victoria Department of Sustainability and Environment
  (October 2011)
- National Recovery Plan for Marine Turtles in Australia, 2017 2027 Department of Environment and Energy
- Humpback Whale Recovery Plan 2005-2010, May 2005 Department of Environment & Heritage
- National Recovery Plan for the Regent Honeyeater (Anthochaera phrygia formerly Xanthomyza Phryia) 2016 - Department of the Environment
- **Swift Parrot** (*Lathamus discolor*) Recovery Plan, 2011 Tasmanian Department of Primary Industries Water & Environment
- Blue, Fin & Sei Whale Recovery Plan, 2005-2010 Department of Environment and Heritage.
- National Recovery Plan for *Microtis angusii*, 2010 Department of Environment, Climate Change and Water
- National Recovery Plan for the wallum sedgefrog and other wallum-dependent frog species,
   2006 State of Queensland Environmental Protection Agency
- National Recovery Plan for the Thick-lip Spider Orchid Caladenia tessellata, July 2010 State of Victoria Department of Sustainability and Environment
- National recovery plan for **Magenta Lilly Pilly** (*Syzygium paniculatum*), 2012 NSW Office of Environment and Heritage
- National Recovery Plan for the Grey Nurse Shark, (Carcharias taurus), 2014 Department of the Environment
- National Recovery Plan for the Spotted-tailed Quoll Dasyurus maculatus, May 2016 Victorian Department of Environment, Land, Water and Planning
- **Blue Whale** Conservation Management Plan: a Recovery Plan under the Environment Protection and Biodiversity Conservation Act 1999, 2015 Department of the Environment
- National Recovery Plan for the Littoral Rainforest and Coastal Vine Thickets of Eastern
   Australia Ecological Community, February 2019 Department of the Environment and Energy
- National Recovery Plan for the **Grey-headed Flying-fox** (*Pteropus poliocephalus*), Department of Agriculture, Water and the Environment, Canberra, March 2021
- National Recovery Plan for albatrosses and petrels (2021), Commonwealth of Australia 2021
- National Recovery Plan for the Australian Painted Snipe (2022), Commonwealth of Australia 2022
- National Recovery Plan for the Australasian Bittern (2022), Commonwealth of Australia 2022

#### **List of Relevant Federal Threat Abatement Plans**

- Beak and feather disease affecting endangered psittacine species (2005) (This plan ceased on 1
  October 2015, and the Department has developed a non-statutory threat abatement advice)
- Competition and land degradation by unmanaged goats (2008)
- Competition and land degradation by rabbits (2016)
- Incidental catch or by catch of seabirds during longline fishing operations (2006)
- Infestation of amphibians with chytrid fungus resulting in chytridiomycosis (2016)
- Predation by European red fox (2008)
- Predation by Feral cats (2015)
- Predation, habitat degradation, competition and disease transmission by feral pigs (2017)
- Disease in natural ecosystems caused by *Phytophthora cinnamomi* (2018)
- The impacts of marine debris on the vertebrate wildlife of Australia's coasts and oceans (2018)
- Biological effects, including lethal toxic ingestion, caused by Cane Toads (2011)
- The Incidental catch (or bycatch) of seabirds during oceanic longline fishing operations (2014)
- DRAFT National Feral Deer Action Plan (2023)

## Key Threatening Processes listed under the Fisheries Management Act 1994

- 1. The introduction of fish to fresh waters within a river catchment outside their natural range
- 2. The removal of large woody debris
- 3. The degradation of native riparian vegetation along NSW water courses
- 4. The installation and operation of instream structures and other mechanisms that alter natural flow regimes of rivers and streams.
- 5. Shark meshing program
- 6. Hook and Line Fishing in areas important for the survival of threatened fish species
- 7. The introduction of non-indigenous fish and marine vegetation to the coastal waters of NSW
- 8. Human-caused Climate Change

## List of Relevant Recovery Plans under the Fisheries Management Act 1994

- Draft recovery Plan Grey Nurse Shark (*Carcharias taurus*) (2002) (replaced by National Recovery Plan for the Grey Nurse Shark, (*Carcharias taurus*), 2014 Department of the Environment)
- Final Recovery Plan Black Cod (*Epinephelus daemelii*) (January 2011, Fisheries Conservation and Aquaculture Branch Port Stephens Fisheries Institute). Review of plan published February 2023 by NSW Department of Primary Industries

## List of Relevant Threat Abatement Plans under the Fisheries Management Act 1994

• Removal of large woody debris from NSW rivers and streams (July 2007)