

## **Roads and Traffic Authority**

Pacific Highway Upgrade -  
Oxley Highway to Kempsey  
Flora and Fauna Working Paper

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Appendix G

## Fauna species recorded in the study area

**Table G1** Recorded fauna – combined results

Family	Scientific Name	Common Name	TSC Act	EPBC Act	Exotic / Pest
<b>MAMMALS</b>					
ACROBATIDAE	<i>Acrobates pygmaeus</i>	Feathertail Glider			
BOVIDAE	<i>Bos taurus</i>	Cow			Y
	<i>Capra hircus</i>	Goat			Y
CANIDAE	<i>Canis familiaris</i>	Dog			Y
	<i>Vulpes vulpes</i>	Fox			Y
DASYURIDAE	<i>Antechinus stuartii</i>	Brown Antechinus			
	<i>Antechinus swainsonii</i>	Dusky Antechinus			
	<i>Sminthopsis murina</i>	Common Dunnart			
EQUIDAE	<i>Equus asinus</i>	Donkey			Y
	<i>Equus caballus</i>	Horse			Y
FELIDAE	<i>Felis catus</i>	Cat			Y
LERPORIDAE	<i>Lepus europeus</i>	European Hare			Y
	<i>Orytolagus cuniculus</i>	European Rabbit			Y
MACROPODIDAE	<i>Macropus giganteus</i>	Eastern Grey Kangaroo			
	<i>Macropus rufogriseus</i>	Red-necked Wallaby			
	<i>Wallabia bicolor</i>	Swamp Wallaby			

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MOLOSSIDAE	<b><i>Micronomus norfolkensis</i> (Formerly <i>Mormopterus norfolkensis</i>)</b>	<b>Eastern Freetail-bat</b>	<b>Vulnerable</b>		
	<i>Mormopterus sp. 2 (Adams et al)</i>	Freetail bat			
	<i>Mormopterus sp. 1</i>	Freetail bat			
	<i>Tadarida australis</i>	White-striped Freetail-bat			
MURIDAE	<i>Melomys cervinipes</i>	Fawn-footed Melomys			
	<i>Mus domesticus</i>	Mouse			Y
	<i>Rattus fuscipes</i>	Bush Rat			
	<i>Rattus lutreolus</i>	Swamp Rat			
	<i>Rattus norvegicus</i>	Brown Rat			Y
	<i>Rattus rattus</i>	Black Rat			Y
PERAMELIDAE	<i>Isodon macrourus</i>	Northern Brown Bandicoot			
	<i>Perameles nasuta</i>	Long-nosed Bandicoot			
PETAURIDAE	<b><i>Petaurus australis</i></b>	<b>Yellow-bellied Glider</b>	<b>Vulnerable</b>		
	<i>Petaurus breviceps</i>	Sugar Glider			
PHALANGERIDAE	<i>Trichosurus vulpecula</i>	Common Brushtail Possum			
PHASCOLARCTIDAE	<b><i>Phascolarctos cinereus</i></b>	<b>Koala</b>	<b>Vulnerable</b>		
PSEUDOCHEIRIDAE	<i>Pseudocheirus peregrinus</i>	Common Ringtail Possum			

Family	Scientific Name	Common Name	TSC Act	EPBC Act	Exotic / Pest
PTEROPODIDAE	<i>Pteropus poliocephalus</i>	Grey-headed Flying-fox	Vulnerable	Vulnerable	
	<i>Pteropus scapulatus</i>	Little Red Flying Fox			
RHINOLOPHIDAE	<i>Rhinolophus megaphyllus</i>	Eastern Horseshoe Bat			
SUIDAE	<i>Sus scrofa</i>	Feral Pig			Y
TACHYGLOSSIDAE	<i>Tachyglossus aculeatus</i>	Short-beaked Echidna			
VESPERTILIONIDAE	<i>Chalinolobus gouldii</i>	Gould's Wattled Bat			
	<i>Chalinolobus morio</i>	Chocolate Wattled Bat			
	<i>Falsistrellus tasmaniensis</i>	Eastern False Pipistrelle	Vulnerable		
	<i>Miniopterus australis</i>	Little Bent-wing Bat	Vulnerable		
	<i>Miniopterus schreibersii oceanensis</i>	Eastern Bent-wing Bat	Vulnerable		
	<i>Myotis macropus</i>	Southern Myotis	Vulnerable		
	<i>Nyctophilus geoffroyi</i>	Lesser Long-eared Bat			
	<i>Nyctophilus gouldi</i>	Gould's Long-eared Bat			
	<i>Nyctophilus sp.</i>				
	<i>Scoteanax rueppellii</i>	Greater Broad-nosed Bat	Vulnerable		

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	<i>Scotorepens orion</i>	Eastern Broad-nosed Bat			
	<i>Vespadelus darlingtoni</i>	Large Forest Bat			
	<i>Vespadelus pumilus</i>	Eastern Forest Bat			
	<i>Vespadelus vulturus</i>	Little Forest Bat			
<b>BIRDS</b>					
ACCIPITRIDAE	<i>Accipiter cirrhocapulus</i>	Collared Sparrowhawk			
	<i>Accipiter novaehollandiae</i>	Grey Goshawk			
	<i>Aquila audax</i>	Wedge-tailed Eagle			
	<i>Circus approximans</i>	Swamp Harrier			
	<i>Circus assimilis</i>	Spotted Harrier			
	<i>Elanus axillaris</i>	Black-shouldered Kite			
	<i>Haliaeetus leucogaster</i>	White-bellied Sea-Eagle		<b>Migratory</b>	
	<i>Haliastur sphenurus</i>	Whistling Kite			
	<i>Hieraeetus morphnoides</i>	Little Eagle			
	<b><i>Lophoictinia isura</i></b>	<b>Square-tailed Kite</b>	<b>Vulnerable</b>		

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	<i>Milvus indus</i>	Brahminy Kite			
	<b><i>Pandion haliaetus</i></b>	<b>Osprey</b>	<b>Vulnerable</b>	<b>Migratory</b>	
AEGOTHELIDAE	<i>Aegotheles cristatus</i>	Australian Owlet-nightjar			
	<i>Alcedo azurea</i>	Azure Kingfisher			
	<i>Dacelo novaeguineae</i>	Laughing Kookaburra			
ALCEDINIDAE	<i>Todiramphus macleayii</i>	Forest Kingfisher			
	<i>Todiramphus sanctus</i>	Sacred Kingfisher			
	<i>Anas castanea</i>	Chestnut Teal			
	<i>Anas platyrhynchos</i>	Mallard			Y
ANATIDAE	<i>Anas superciliosa</i>	Pacific Black Duck			
	<i>Chenonetta jubata</i>	Australian Wood Duck			
	<i>Cygnus atratus</i>	Black Swan			
APODIDAE	<i>Hirundapus caudacutus</i>	White-throated Needletail		<b>Migratory</b>	
ARDEIDAE	<i>Ardea ibis</i>	Cattle Egret		<b>Migratory</b>	
	<i>Ardea pacifica</i>	Pacific Heron			

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	<i>Ardea pacifica</i>	White-necked Heron			
	<i>Egretta novaehollandiae</i>	White-faced Heron			
	<i>Artamus personatus</i>	Masked Woodswallow			
	<i>Cracticus nigrogularis</i>	Pied Butcherbird			
ARTAMIDAE	<i>Cracticus torquatus</i>	Grey Butcherbird			
	<i>Gymnorhina tibicen</i>	Australian Magpie			
	<i>Strepera graculina</i>	Pied Currawong			
	<i>Cacatua roseicapillus</i>	Galah			
CACATUIDAE	<i>Calyptorhynchus funereus</i>	Yellow-tailed Black-cockatoo			
	<b><i>Calyptorhynchus lathami</i></b>	<b>Glossy Black-cockatoo</b>		<b>Vulnerable</b>	
	<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike			
CAMPEPHAGIDAE	<i>Coracina tenuirostris</i>	Cicadabird			
CENTROPODIDAE	<i>Centropus phasianinus</i>	Pheasant Coucal			
	<i>Vanellus miles</i>	Masked Lapwing			
CHARADRIIDAE	<i>Vanellus miles</i>	Masked Lapwing			



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CICONIIDAE	<i>Ephippiorhynchus asiaticus</i>	Black-necked Stork	Endangered		
CINCLOSOMATIDAE	<i>Psophodes olivaceus</i>	Eastern Whipbird			
CLIMACTERIDAE	<i>Cormobates leucophaeus</i>	White-throated Treecreeper			
COLUMBIDAE	<i>Columba leucomela</i>	White-headed Pigeon			
	<i>Geopelia humeralis</i>	Bar-shouldered Dove			
	<i>Leucosarcia melanoleuca</i>	Wonga Pigeon			
	<i>Macropygia amboinensis</i>	Brown Cuckoo-dove			
	<i>Ocyphaps lophotes</i>	Crested Pigeon			
	<b><i>Ptilinopus regina</i></b>	<b>Rose-crowned Fruit-dove</b>	<b>Vulnerable</b>		
CORACIIDAE	<i>Eurystromus orientalis</i>	Dollarbird			
CORVIDAE	<i>Corvus coronoides</i>	Australian Raven			
	<i>Corvus orru</i>	Torresian Crow			
	<i>Corvus tasmanicus</i>	Forest Raven			
CUCULIDAE	<i>Cacomantis flabelliformis</i>	Fan-tailed Cuckoo			
	<i>Cacomantis variolosus</i>	Brush Cuckoo			

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	<i>Chalcites lucidus</i>	Shining Bronze-cuckoo			
	<i>Chrysococcyx basalís</i>	Horsfield's Bronze-cuckoo			
	<i>Cuculus pallidus</i>	Pallid Cuckoo			
	<i>Eudynamys scolopacea</i>	Common Koel			
DICAEIDAE	<i>Dicaeum hirundinaceum</i>	Mistletoebird			
	<i>Dicrurus bracteatus</i>	Spangled Drongo			
	<i>Grallina cyanoleuca</i>	Magpie-lark			
	<i>Monarcha melanopsis</i>	Black-faced Monarch			
	<i>Myiagra cyanoleuca</i>	Satin Flycatcher			<b>Migratory</b>
DICRURIDAE	<i>Myiagra inquieta</i>	Restless Flycatcher			
	<i>Rhipidura fuliginosa</i>	Grey Fantail			
	<i>Rhipidura leucophrys</i>	Willie Wagtail			
	<i>Rhipidura phoenicura</i>	Rufous-chested Fantail			
	<i>Rhipidura rufifrons</i>	Rufous Fantail			<b>Migratory</b>
FALCONIDAE	<i>Falco berigora</i>	Brown Falcon			

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	<i>Falco cenchroides</i>	Australian Kestrel			
HIRUNDINIDAE	<i>Hirundo neoxena</i>	Welcome Swallow			
	<i>Hirundo nigricans</i>	Tree Martin			
LARIDAE	<i>Larus novaehollandiae</i>	Silver Gull			
	<i>Sterna bergii</i>	Crested Tern			
	<i>Sterna hirundo</i>	Common Tern			
MALURIDAE	<i>Malurus cyaneus</i>	Superb Fairy-wren			
	<i>Malurus lamberti</i>	Variiegated Fairy-wren			
	<i>Malurus melanocephalus</i>	Red-backed Fairy-wren			
	<i>Stipiturus malachurus</i>	Southern Emu-wren			
MELIPHAGIDAE	<i>Acanthorhynchus tenuirostris</i>	Eastern Spinebill			
	<i>Anthochaera carunculata</i>	Red Wattlebird			
	<i>Anthochaera chrysoptera</i>	Little Wattlebird			
	<i>Lichenostomus chrysops</i>	Yellow-faced Honeyeater			
	<i>Lichenostomus leucotis</i>	White-eared Honeyeater			

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	<i>Lichenostomus melanops</i>	Yellow-tufted Honeyeater			
	<i>Manorina melanocephala</i>	Noisy Miner			
	<i>Meliphaga lewinii</i>	Lewins Honeyeater			
	<i>Melithrepus lunatus</i>	White-naped Honeyeater			
	<i>Myzomela sanguinolenta</i>	Scarlet Honeyeater			
	<i>Philemon corniculatus</i>	Noisy Friarbird			
	<i>Phylidonyris nigra</i>	White-cheeked Honeyeater			
	<i>Phylidonyris novaehollandiae</i>	New Holland Honeyeater			
	<i>Plectorhyncha lanceolata</i>	Striped Honeyeater			
	<i>Plectrorhyncha lanceolata</i>	Striped Honeyeater			
MOTACILLIDAE	<i>Anthus novaeseelandiae</i>	Richard's Pipit			
NEOSITTIDAE	<i>Daphoenositta chrysoptera</i>	Varied Sitella			
ORIOLIDAE	<i>Oriolus sagittatus</i>	Olive-backed Oriole			
	<i>Sphecotheres viridis</i>	Figbird			
ORTHONYCHIDAE	<i>Orthonyx temminckii</i>	Logrunner			

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PACHYCEPHALIDAE	<i>Colluricincla harmonica</i>	Grey Shrike-thrush			
	<i>Falcunculus frontatus</i>	Crested shrike-tit			
	<i>Pachycephala pectoralis</i>	Golden Whistler			
	<i>Pachycephala rufiventris</i>	Rufous Whistler			
PARDALOTIDAE	<i>Acanthiza chrysorrhoa</i>	Yellow-rumped Thornbill			
	<i>Acanthiza lineata</i>	Striated Thornbill			
	<i>Acanthiza nana</i>	Yellow Thornbill			
	<i>Acanthiza pusilla</i>	Brown Thornbill			
	<i>Gerygone mouki</i>	Brown Gerygone			
	<i>Gerygone olivacea</i>	White-throated Gerygone			
	<i>Hylacola pyrrhopygia</i>	Chestnut-rumped Heathwren			
	<i>Pardalotus punctatus</i>	Spotted Pardalote			
	<i>Pardalotus striatus</i>	Striated Pardalote			
	<i>Sericornis citreogularis</i>	Yellow-throated Scrubwren			
<i>Sericornis frontalis</i>	White-browed Scrubwren				

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	<i>Sericornis magnirostris</i>	Large-billed Scrubwren			
	<i>Smicromis brevirostris</i>	Weebill			
PASSERIDAE	<i>Neochmia temporalis</i>	Red-browed Finch			
	<i>Neochmia temporalis</i>	Red-browed Firetail			
	<i>Taeniopygia bichenovii</i>	Double-barred Finch			
PELECANIDAE	<i>Pelecanus conspicillatus</i>	Australian Pelican			
PETROICIDAE	<i>Eopsaltria australis</i>	Eastern Yellow Robin			
	<i>Microeca fascinans</i>	Jacky Winter			
	<i>Petroica rosea</i>	Rose Robin			
PHALACROCORACIDAE	<i>Phalacrocorax melanoleucos</i>	Little Pied Cormorant			
	<i>Phalacrocorax sulcirostris</i>	Little Black Cormorant			
PHASIANIDAE	<i>Coturnix chinensis</i>	King Quail			
	<i>Coturnix ypsilophora</i>	Brown Quail			
PODARGIDAE	<i>Podargus strigoides</i>	Tawny Frogmouth			
PSITTACIDAE	<i>Alisterus scapularis</i>	Australian King Parrot			

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	<i>Glossopsitta concinna</i>	Musk Lorikeet			
	<i>Glossopsitta pusilla</i>	Little Lorikeet			
	<i>Platycercus eximius</i>	Eastern Rosella			
	<i>Trichoglossus chlorolepidotus</i>	Scaly-breasted Lorikeet			
	<i>Trichoglossus haematodus</i>	Rainbow Lorikeet			
PSOPHODIDAE	<i>Psophodes olivaceus</i>	Eastern Whipbird			
PTILONORHYNCHIDAE	<i>Ptilonorhynchus violaceus</i>	Satin Bowerbird			
	<i>Ptilonorhynchus violaceus</i>	Satin Bowerbird			
RALLIDAE	<i>Porphyrio porphyrio</i>	Purple Swamphen			
SCOLOPACIDAE	<i>Gallinago hardwickii</i>	Latham's Snipe		<b>Migratory</b>	
STRIGIDAE	<i>Ninox novaeseelandiae</i>	Southern Boobook			
STURNIDAE	<i>Acridotheres tristis</i>	Common Myna			<b>Y</b>
	<i>Sturnus vulgaris</i>	Common Starling			<b>Y</b>
SYLVIIDAE	<i>Cincloramphus cruralis</i>	Brown Songlark			
	<i>Cisticola exilis</i>	Golden-headed Cisticola			

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	<i>Megalurus gramineus</i>	Little Grassbird			
	<i>Megalurus timonriensis</i>	Tawny Grassbird			
THRESKIORNITHIDAE	<i>Threskiornis molucca</i>	Australian White Ibis			
	<i>Threskiornis spinicollis</i>	Straw-necked Ibis			
TYTONIDAE	<i>Tyto alba</i>	Barn Owl			
	<b><i>Tyto novaehollandiae</i></b>	<b>Masked Owl</b>		<b>Vulnerable</b>	
	<b><i>Tyto tenebricosa</i></b>	<b>Sooty Owl</b>		<b>Vulnerable</b>	
ZOSTEROPIDAE	<i>Zosterops lateralis</i>	Silvereye			
<b>REPTILES</b>					
AGAMIDAE	<i>Amphibolurus muricatus</i>	Jacky Lizard			
	<i>Pogona barbata</i>	Bearded Dragon			
	<i>Pysignathus lesueurii</i>	Eastern Water Dragon			
CHELIDAE	<i>Chelodina longicollis</i>	Eastern Snake-necked Turtle			
COLUBRIDAE	<i>Dendrelaphis punctulata</i>	Green Tree Snake			
ELAPIDAE	<i>Cacophis krefftii</i>	Krefft's Dwarf Snake			



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	<i>Cacophis squamulosus</i>	Golden Crowned Snake			
	<i>Demansia psammophis</i>	Yellow-faced Whip Snake			
	<i>Pseudechis porphyriacus</i>	Red-bellied Black Snake			
	<i>Rhinoplocephalus nigrescens</i>	Eastern Small-eyed Snake			
PYGOPODIDAE	<i>Lialis burtonis</i>	Burton's Legless-lizard			
	<i>Carlia foliorum</i>	Tree-base Litter Skink			
	<i>Egernia major</i>	Land Mullet			
	<i>Egernia mcphreei</i>	Eastern Crevice Skink			
SCINCIDAE	<i>Eulamprus quoyii</i>	Eastern Water Skink			
	<i>Lampropholis delicata</i>	Grass Skink			
	<i>Lampropholis guichenoti</i>	Garden Skink			
	<i>Saiphos equalis</i>	Three-toed Skink			
	<i>Tiliqua scincoides</i>	Eastern Blue-tongued Lizard			
TYPHLOPIDAE	<i>Ramphotyphlops nigrescens</i>	Blackish Blind Snake			
VARANIDAE	<i>Varanus varius</i>	Lace Monitor			

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<b>FROGS</b>					
	<i>Litoria brevipalmata</i>	Green-thighed Frog	Vulnerable		
	<i>Litoria caerulea</i>	Green Tree Frog			
	<i>Litoria dentata</i>	Bleating Tree Frog			
	<i>Litoria fallax</i>	Eastern Dwarf Tree Frog			
	<i>Litoria latopalmata</i>	Broad-palmed Frog			
HYLIDAE	<i>Litoria nasuta</i>	Rocket Frog			
	<i>Litoria peronii</i>	Peron's Tree Frog			
	<i>Litoria revelata</i>	Revealed Frog			
	<i>Litoria tyleri</i>	Tyler's Tree Frog			
	<i>Litoria verreauxii</i>	Verreaux's Tree Frog			
MYOBATRACHIDAE	<i>Crinia signifera</i>	Common Eastern Froglet			
	<i>Limnodynastes peronii</i>	Striped Marsh Frog			
	<i>Mixophyes fasciolatus</i>	Great Barred Frog			
	<i>Mixophyes iteratus</i>	Giant Barred Frog	Vulnerable	Endangered	

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	<i>Pseudophryne bibronii</i>	Bibron's Toadlet			
	<i>Pseudophryne coriacea</i>	Red-backed Toadlet			
	<i>Uperoleia fusca</i>	Dusky Toadlet			
	<i>Uperoleia laevigata</i>	Smooth Toadlet			
<b>FISH</b>					
ANGUILLIDAE	<i>Anguilla australis</i>	Short-finned Eel			
	<i>Anguilla reinhardtii</i>	Long-finned Eel			
CYPRINIDAE	<i>Cyprinus carpio</i>	Koi Carp			Y
	<i>Gobiomorphus australis</i>	Striped Gudgeon			
ELEOTRIDAE	<i>Hypseleotris compressa</i>	Empire Gudgeon			
	<i>Hypseleotris galii</i>	Firetail Gudgeon			
MELANOTAENIIDAE	<i>Melanotaenia duboulayi</i>	Crimson-spotted Rainbowfish			
POECILIIDAE	<i>Gambusia holbrooki</i>	Plague Minnow			Y