



global environmental solutions

Culburra West Urban Development Project

Ecological & Riparian Issues & Assessment Report

Appendix L Fauna Species Recorded on the Subject Site and in the Vicinity

22 March 2013

Table H1 Fauna species recorded during field investigations in the locality

KEY

* Introduced species.

Threatened species as listed in the *NSW Threatened Species Conservation Act 1995*.

E Endangered

V Vulnerable

A Species recorded on the subject land during the 2007 investigations

B Species recorded on the subject land during the 2003 investigations (Gunninah 2003)

C Species recorded on the subject land during the 2001 investigations (Gunninah 2001)

D Species recorded from Long Bow Point and vicinity (Gunninah 1999; Daly & Leonard 1996; Hoyer 1996)

E Species recorded on the subject land during the 2010 survey by LesryK Consulting

F Species recorded on the subject land during the 2013 investigations and also 2011/2012 surveys at proposed Culburra Golf Course site (SLR Consulting)

P Probable Identification (possibility of confusion of calls with those of other bat species)

Status	COMMON NAME	SCIENTIFIC NAME	A	B	C	D	E	F
	Anatidae							
	Black Swan	<i>Cygnus atratus</i>	X		X	X	X	X
	Australian Wood Duck	<i>Chenonetta jubata</i>				X		X
	Pacific Black Duck	<i>Anas superciliosa</i>			X	X		
	Australasian Shoveler	<i>Anas rhynchos</i>				X		
	Grey Teal	<i>Anas gracilis</i>			X	X		
	Chestnut Teal	<i>Anas castanea</i>			X	X	X	
	Hardhead	<i>Aythya australis</i>				X		
	Podicipedidae							
	Hoary-headed Grebe	<i>Poliocephalus poliocephalus</i>				X		
	Procellariidae							
	Wedge-tailed Shearwater	<i>Puffinus pacificus</i>				X		
	Sulidae							
	Australasian Gannet	<i>Morus serrator</i>	X			X		
	Anhinga							
	Darter	<i>Anhinga melanogaster</i>				X		
	Phalacrocoracidae							
	Little Pied Cormorant	<i>Phalacrocorax melanoleucos</i>			X	X		
	Pied Cormorant	<i>Phalacrocorax varius</i>				X		X
	Little Black Cormorant	<i>Phalacrocorax sulcirostris</i>			X	X		
	Great Cormorant	<i>Phalacrocorax carbo</i>			X	X		
	Pelecanidae							
	Australian Pelican	<i>Pelecanus conspicillatus</i>	X		X	X		
	Ardeidae							
	White-faced Heron	<i>Egretta novaehollandiae</i>			X	X	X	X
	Little Egret	<i>Egretta garzetta</i>			X	X		X
	White-necked Heron	<i>Ardea pacifica</i>				X		
	Great Egret	<i>Ardea alba</i>			X	X		X
	Intermediate Egret	<i>Ardea intermedia</i>				X		X
	Cattle Egret	<i>Ardea ibis</i>				X		X
	Nankeen Night Heron	<i>Nycticorax caledonicus</i>			X	X		
V	Australasian Bittern	<i>Botaurus poiciloptilus</i>				X		

Appendix L Fauna Species Recorded on the Subject Land and in the Vicinity

Status	COMMON NAME	SCIENTIFIC NAME	A	B	C	D	E	F
V	Threskiornithidae							
	Australian White Ibis	<i>Threskiornis molucca</i>			X	X		X
	Straw-necked Ibis	<i>Threskiornis spinicollis</i>				X		
	Royal Spoonbill	<i>Platalea regia</i>	X		X	X		
	Accipitridae							
	Square-tailed Kite	<i>Lophoictinia isura</i>						X
	Whistling Kite	<i>Haliastur spheonurus</i>	X		X	X		X
	White-bellied Sea-Eagle	<i>Haliaeetus leucogaster</i>	X		X	X		X
	Swamp Harrier	<i>Circus approximans</i>	X		X	X		
	Brown Goshawk	<i>Accipiter fasciatus</i>			X	X		
V	Grey Goshawk	<i>Accipiter novaehollandiae</i>	X		X	X	X	X
	Collared Sparrow-hawk	<i>Accipiter cirrhocephalus</i>				X		
	Wedge-tailed Eagle	<i>Aquila audax</i>				X		
	Little Eagle	<i>Hieraaetus morphnoides</i>				X	X	
	Osprey	<i>Pandion haliaetus</i>					X	
	Falconidae							
	Australian Hobby	<i>Falco longipennis</i>			X	X		
	Peregrine Falcon	<i>Falco peregrinus</i>				X	X	
	Nankeen Kestrel	<i>Falco cenchroides</i>			X	X		
	Rallidae							
V	Buff-banded Rail	<i>Gallirallus philippensis</i>				X		
	Purple Swamphen	<i>Porphyrio porphyrio</i>			X	X		
	Dusky Moorhen	<i>Gallinula tenebrosa</i>				X		
	Eurasian Coot	<i>Fulica atra</i>				X		
	Scolopacidae							
	Latham's Snipe	<i>Gallinago hardwickii</i>				X		
	Bar-tailed Godwit	<i>Limosa lapponica</i>			X	X		
	Whimbrel	<i>Numenius phaeopus</i>			X	X		
	Eastern Curlew	<i>Numenius madagascariensis</i>			X	X		
	Marsh Sandpiper	<i>Tringa stagnatilis</i>				X		
V	Common Greenshank	<i>Tringa nebularia</i>			X	X		
	Ruddy Turnstone	<i>Arenaria interpres</i>				X		
	Great Knot	<i>Calidris tenuirostris</i>				X		
	Red-necked Stint	<i>Calidris ruficollis</i>				X		
	Pectoral Sandpiper	<i>Calidris melanotos</i>				X		
	Sharp-tailed Sandpiper	<i>Calidris acuminata</i>				X		
	Curlew Sandpiper	<i>Calidris ferruginea</i>				X		
	Recurvirostridae							
	Black-winged Stilt	<i>Himantopus himantopus</i>			X	X		
	Charadriidae							
E	Pacific Golden Plover	<i>Pluvialis fulva</i>				X		
	Grey Plover	<i>Pluvialis squatarola</i>				X		
	Red-capped Plover	<i>Charadrius ruficapillus</i>			X	X		
	Double-banded Plover	<i>Charadrius bicinctus</i>				X		
	Black-fronted Dotterel	<i>Elseya melanops</i>				X		
	Masked Lapwing	<i>Vanellus miles</i>	X			X		X
	Laridae							
	Silver Gull	<i>Larus novaehollandiae</i>			X	X	X	
	Caspian Tern	<i>Sterna caspia</i>			X			
	Crested Tern	<i>Sterna bergii</i>			X	X		
*	Little Tern	<i>Sterna albifrons</i>				X		
	White-winged Black Tern	<i>Chlidonias leucopterus</i>				X		
	Columbidae							
	Spotted Turtle-Dove	<i>Streptopelia chinensis</i>	X	X	X	X		X
	Brown Cuckoo-Dove	<i>Macropygia amboinensis</i>			X			
	Common Bronzewing	<i>Phaps chalcoptera</i>		X		X		X
	Crested Pigeon	<i>Ocyphaps lophotes</i>	X	X	X	X		X

Appendix L Fauna Species Recorded on the Subject Land and in the Vicinity

Status	COMMON NAME	SCIENTIFIC NAME	A	B	C	D	E	F
V	Cacatuidae							
	Glossy Black Cockatoo	<i>Calyptorhynchus lathamii</i>		X	X	X	X	X
	Yellow-tailed Black Cockatoo	<i>Calyptorhynchus funereus</i>			X	X	X	X
V	Gang Gang Cockatoo	<i>Callocephalon fimbriatum</i>			X	X		
	Galah	<i>Cacatua roseicapilla</i>	X	X	X	X		X
	Long-billed Corella	<i>Cacatua tenuirostris</i>				X		
	Sulphur-crested Cockatoo	<i>Cacatua galerita</i>	X		X	X		X
	Little Corella	<i>Cacatua sanguinea</i>			X			
	Psittacidae							
	Rainbow Lorikeet	<i>Trichoglossus haematodus</i>	X		X	X	X	X
	Scaly-breasted Lorikeet	<i>Trichoglossus chlorolepidotus</i>			X			
	Musk Lorikeet	<i>Glossopsitta concinna</i>	X		X	X	X	
	Little Lorikeet	<i>Glossopsitta pusilla</i>				X		
	Australian King Parrot	<i>Alisterus scapularis</i>	X		X	X		X
	Crimson Rosella	<i>Platycercus elegans</i>	X	X	X	X	X	X
	Eastern Rosella	<i>Platycercus eximius</i>	X		X	X	X	
	Cuculidae							
	Fan-tailed Cuckoo	<i>Cacomantis flabelliformis</i>			X	X	X	
	Horsfield's Bronze-Cuckoo	<i>Chalcites basalus</i>				X		
	Shining Bronze-Cuckoo	<i>Chalcites lucidus</i>				X	X	
	Common Koel	<i>Eudynamis scolopacea</i>	X		X	X	X	X
	Strigidae							
V	Powerful Owl	<i>Ninox strenua</i>			X	X	X	
	Southern Boobook	<i>Ninox boobook</i>	X	X	X	X	X	X
	Tytonidae							
V	Masked Owl	<i>Tyto novaehollandiae</i>				X		
	Barn Owl	<i>Tyto alba</i>				X		X
V	Sooty Owl	<i>Tyto tenebricosa</i>					X	
	Podargidae							
	Tawny Frogmouth	<i>Podargus strigoides</i>		X	X			X
	Aegothelidae							
	Australian Owlet-nightjar	<i>Aegotheles cristatus</i>			X			
	Apodidae							
	White-throated Needletail	<i>Hirundapus caudacutus</i>			X	X	X	
	Alcedinidae							
	Azure Kingfisher	<i>Alcedo azurea</i>				X		
	Kookaburra	<i>Dacelo novaeguineae</i>	X		X	X	X	X
	Sacred Kingfisher	<i>Todiramphus sanctus</i>	X		X	X	X	X
	Coraciidae							
	Dollarbird	<i>Eurystomus orientalis</i>			X	X		
	Climacteridae							
	White-throated Tree-creeper	<i>Cormobates leucophaeus</i>			X	X	X	X
	Maluridae							
	Superb Fairy-wren	<i>Malurus cyaneus</i>	X	X	X	X	X	X
	Variiegated Fairy-wren	<i>Malurus lamberti</i>	X		X	X	X	X
	Southern Emu-wren	<i>Stipiturus malachurus</i>			X			
	Pardalotidae							
	Spotted Pardalote	<i>Pardalotus punctatus</i>	X		X	X	X	
	Striated Pardalote	<i>Pardalotus striatus</i>	X		X			
	White-browed Scrubwren	<i>Sericornis frontalis</i>			X	X	X	
	Chestnut-rumped Heathwren	<i>Hylacola pyrrhopygia</i>			X			X
	Brown Gerygone	<i>Gerygone mouki</i>				X		
	White-throated Gerygone	<i>Gerygone olivacea</i>				X		
	Brown Thornbill	<i>Acanthiza pusilla</i>	X		X	X	X	X
	Buff-rumped Thornbill	<i>Acanthiza reguloides</i>			X	X		

Appendix L Fauna Species Recorded on the Subject Land and in the Vicinity

Status	COMMON NAME	SCIENTIFIC NAME	A	B	C	D	E	F
V	Yellow-rumped Thornbill	<i>Acanthiza chrysorrhoa</i>				X		
	Yellow Thornbill	<i>Acanthiza nana</i>				X	X	
	Striated Thornbill	<i>Acanthiza lineata</i>	X		X	X	X	
	Meliphagidae							
	Red Wattlebird	<i>Anthochaera carunculata</i>	X		X	X	X	
	Little Wattlebird	<i>Anthochaera chrysoptera</i>	X		X	X		X
	Noisy Friarbird	<i>Philemon corniculatus</i>	X		X	X	X	X
	Noisy Miner	<i>Manorina melanocephala</i>	X	X	X	X	X	X
	Lewin's Honeyeater	<i>Meliphaga lewinii</i>			X	X	X	
	Yellow-faced Honeyeater	<i>Lichenostomus chrysops</i>	X		X	X	X	X
	Brown-headed Honeyeater	<i>Melithreptus brevirostris</i>				X		
	White-naped Honeyeater	<i>Melithreptus lunatus</i>				X		
	Scarlet Honeyeater	<i>Myzomela sanguinolenta</i>	X					X
	New Holland Honeyeater	<i>Phylidonyris novaehollandiae</i>	X		X	X	X	X
	Eastern Spinebill	<i>Acanthorhynchus tenuirostris</i>	X	X	X	X	X	X
	White-fronted Chat	<i>Epthianura albifrons</i>				X		
	Petroicidae							
	Jacky Winter	<i>Microeca fascians</i>				X		
	Scarlet Robin	<i>Petroica boodang</i>				X		
	Flame Robin	<i>Petroica phoenicea</i>				X		
	Rose Robin	<i>Petroica rosea</i>				X		
	Eastern Yellow Robin	<i>Eopsaltria australis</i>	X	X	X	X	X	X
	Psophodidae							
	Eastern Whipbird	<i>Psophodes olivaceus</i>	X		X	X	X	X
	Spotted Quail-thrush	<i>Cinclosoma punctatum</i>			X	X		
	Neosittidae							
	Varied Sittella	<i>Daphoenositta chrysoptera</i>			X	X	X	
	Pachycephalidae							
	Golden Whistler	<i>Pachycephala pectoralis</i>			X	X		
	Rufous Whistler	<i>Pachycephala rufiventris</i>	X		X	X	X	X
	Grey Shrike-thrush	<i>Colluricincla harmonica</i>	X		X	X	X	X
	Dicruridae							
	Leaden Flycatcher	<i>Myiagra rubecula</i>	X	X	X	X		X
	Satin Flycatcher	<i>Myiagra cyanoleuca</i>						X
	Restless Flycatcher	<i>Myiagra inquieta</i>					X	
	Magpie-lark	<i>Grallina cyanoleuca</i>	X	X	X	X		
	Rufous Fantail	<i>Rhipidura rufifrons</i>			X	X		
	Grey Fantail	<i>Rhipidura fuliginosa</i>	X		X	X	X	X
	Willie Wagtail	<i>Rhipidura leucophrys</i>	X		X	X	X	X
	Spangled Drongo	<i>Dicrurus bracteatus</i>			X	X		
	Black-faced Monarch	<i>Monarcha melanopsis</i>					X	
	Campephagidae							
	Black-faced Cuckoo-shrike	<i>Coracina novaehollandiae</i>	X	X	X	X	X	X
	Cicadabird	<i>Coracina tenuirostris</i>				X	X	X
	Oriolidae							
	Olive-backed Oriole	<i>Oriolus sagittatus</i>	X		X	X	X	
	Artamidae							
	White-breasted Woodswallow	<i>Artamus leucorhynchus</i>	X		X			
	Dusky Woodswallow	<i>Artamus cyanopterus</i>				X		
	Grey Butcherbird	<i>Cracticus torquatus</i>	X		X	X	X	X
	Australian Magpie	<i>Gymnorhina tibicen</i>	X		X	X	X	X
	Pied Currawong	<i>Strepera graculina</i>	X	X	X	X	X	X
	Grey Currawong	<i>Strepera versicolor</i>				X		

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Status	COMMON NAME	SCIENTIFIC NAME	A	B	C	D	E	F
*	Corvidae Australian Raven Little Raven	<i>Corvus coronoides</i> <i>Corvus mellori</i>	X	X	X X	X	X	X
	Corcoracidae White-winged Chough	<i>Corcorax melanorhamphos</i>	X		X	X		X
	Ptilonorhynchidae Satin Bowerbird	<i>Ptilonorhynchus violaceus</i>				X	X	
	Motacillidae Richard's Pipit	<i>Anthus novaeseelandiae</i>			X	X		
	Passeridae House Sparrow Red-browed Finch Red-eared Firetail	<i>Passer domesticus</i> <i>Neochmia temporalis</i> <i>Stagonopleura oculata</i>	X		X	X X	X	X
	Dicaeidae Mistletoebird	<i>Dicaeum hirundinaceum</i>			X	X	X	
	Hirundinidae Welcome Swallow Tree Martin Fairy Martin	<i>Hirundo neoxena</i> <i>Hirundo nigricans</i> <i>Hirundo ariel</i>	X		X	X X X	X	X
	Pycnonotidae Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>			X	X	X	
	Sylviidae Little Grassbird	<i>Megalurus gramineus</i>				X		
	Zosteropidae Silvereye	<i>Zosterops lateralis</i>	X		X	X	X	
	Muscicapidae Bassian Thrush	<i>Zoothera lunulata</i>				X		
	Sturnidae Common Starling	<i>Sturnus vulgaris</i>	X			X		
	* Common Myna	<i>Acridotheres tristis</i>						X
MAMMALS								
V	Tachyglossidae Short-beaked Echidna	<i>Tachyglossus aculeatus</i>	X			X		X
	Dasyuridae Brown Antechinus	<i>Antechinus stuartii</i>		X	X	X	X	X
	Peramelidae Long-nosed Bandicoot	<i>Perameles nasuta</i>			X	X	X	X
	Petauridae Yellow-bellied Glider Sugar Glider	<i>Petaurus australis</i> <i>Petaurus breviceps</i>	X	X	X X	X X	X	
	Pseudocheiridae Greater Glider Common Ringtail Possum	<i>Petauroides volans</i> <i>Pseudocheirus peregrinus</i>	X	X	X X	X X	X X	X X
	Phalangeridae Common Brushtail Possum	<i>Trichosurus vulpecula</i>	X	X	X	X	X	X
	Macropodidae Eastern Grey Kangaroo Red-necked Wallaby Swamp Wallaby	<i>Macropus giganteus</i> <i>Macropus rufogriseus</i> <i>Wallabia bicolor</i>	X X X	X X X	X X X	X X X	X X X	X X X
	Pteropodidae Grey-headed Flying-Fox	<i>Pteropus poliocephalus</i>			X			

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Status	COMMON NAME	SCIENTIFIC NAME	A	B	C	D	E	F
V	Molossidae							
	Eastern Freetail Bat	<i>Mormopterus norfolkensis</i>			X	X		X
	Little Freetail Bat	<i>Mormopterus</i> sp.			X		X	
	White-striped Mastiff Bat	<i>Tadarida australis</i>		X				
	White-striped Freetail Bat	<i>Nyctonomus australis</i>	X		X	X	X	
V	Emballonuridae							
	Yellow-bellied Sheath-tail Bat	<i>Saccolaimus flaviventris</i>		X				
	Vespertilionidae							
	Common (Eastern) Bent-wing Bat	<i>Miniopterus (schreibersii) orianae oceansis</i>	X	X	X	X	X	P
	Little Bent-wing Bat	<i>Miniopterus australis</i>						P
V	Lesser Long-eared Bat	<i>Nyctophilus geoffroyi</i>	X		X			X
	Gould's Long-eared Bat	<i>Nyctophilus gouldi</i>	X		X	X		X
	Gould's Wattled Bat	<i>Chalinolobus gouldii</i>	X		X	X	X	X
	Chocolate Wattled Bat	<i>Chalinolobus morio</i>	X	X	X	X	X	X
	Eastern Falsistrelle	<i>Falsistrellus tasmaniensis</i>	X		X		X	X
V	Large-footed Myotis	<i>Myotis adversus</i>			X	X	X	X
V	Greater Broad-nosed Bat	<i>Scoteanax rueppellii</i>	X		X	X	X	X
	Eastern Broad-nosed Bat	<i>Scotorepens orion</i>	X		X	X	X	X
	Large Forest Bat	<i>Vespadelus darlingtonii</i>	X	X	X	X	X	X
	Southern Forest Bat	<i>Vespadelus regulus</i>	X		X	X	X	X
	Little Forest Bat	<i>Vespadelus vulturnus</i>	X	X	X	X	X	X
	Eastern Forest Bat	<i>Vespadelus pumilus</i>	X					
*	Muridae							
	House Mouse	<i>Mus musculus</i>		X	X			
	Bush Rat	<i>Rattus fuscipes</i>		X	X	X	X	X
	Black Rat	<i>Rattus rattus</i>			X	X		X
	Swamp Rat	<i>Rattus lutreolus</i>					X	
*	Canidae							
	Fox	<i>Vulpes vulpes</i>		X	X	X		X
	Dog	<i>Canis familiaris</i>			X			X
	Felidae							
	Cat	<i>Felis catus</i>			X			X
*	Leporidae							
	Rabbit	<i>Oryctolagus cuniculus</i>		X	X	X	X	X
	Brown Hare	<i>Lepus capensis</i>			X			
AMPHIBIANS								
E	Myobatrachidae							
	Common Eastern Froglet	<i>Crinia signifera</i>	X		X	X	X	X
	Brown-striped Frog	<i>Limnodynastes peronii</i>			X	X	X	X
	Haswell's Frog	<i>Paracrinia haswelli</i>			X	X		
	Brown Toadlet	<i>Pseudophryne bibronii</i>			X	X		
	Tyler's Toadlet	<i>Uperoleia tyleri</i>			X	X		
	Hylidae							
	Green & Golden Bell Frog	<i>Litoria aurea</i>			X	X		
	Bleating Tree Frog	<i>Litoria dentata</i>			X	X	X	X
	Jervis Bay Tree Frog	<i>Litoria jervisiensis</i>			X	X		
	Peron's Tree Frog	<i>Litoria peronii</i>		X	X	X	X	
	Tyler's Tree Frog	<i>Litoria tyleri</i>			X	X	X	
	Verreaux's Tree Frog	<i>Litoria verreauxii</i>			X			
REPTILES								
	Agamidae							
	Jacky Lizard	<i>Amphibolurus muricatus</i>			X	X		X

Status	COMMON NAME	SCIENTIFIC NAME	A	B	C	D	E	F
	Scincidae							
	Red-throated Skink	<i>Bassiana platynota</i>			X			
	Eastern Water-skink	<i>Eulamprus quoyii</i>				X		
	Grass Skink	<i>Lampropholis delicata</i>			X	X		
	Garden Skink	<i>Lampropholis guichenoti</i>		X			X	X
	Weasel Skink	<i>Saproscincus mustelinus</i>			X	X	X	
	Eastern Blue-tongued Lizard	<i>Tiliqua scincoides</i>				X		
	Elapidae							
	Black-bellied Swamp Snake	<i>Hemiaspis signata</i>				X		
	Red-bellied Black Snake	<i>Pseudechis porphyriacus</i>			X	X		X
	Eastern Small-eyed Snake	<i>Rhinoplocephalus nigrescens</i>			X			
	Eastern Brown Snake	<i>Pseudonaja textilis</i>						X
	Varanidea							
	Lace Monitor	<i>Varanus varius</i>						X

Table H2 Threatened fauna species within 10km of the subject site at Culburra on the NP&WS Wildlife Atlas or by Birds Australia and/or recorded listed as “*Endangered*” or “*Vulnerable*” on the TSC Act, and their relevance to the Part 3A Culburra West site based on broad habitat requirements (Chapter 5.3.3).

Common Name	Scientific Name	Status	Relevance
Australasian Bittern	<i>Botaurus poiciloptilus</i>	V	Extremely limited patchy habitat along Crookhaven River foreshore (off-site)
Beach Stone-curlew	<i>Esacus neglectus</i>	E	Extremely limited potential habitat along Crookhaven River foreshore (off-site)
Black Bittern	<i>Ixobrychus flavicollis</i>	V	Extremely limited patchy habitat along Crookhaven River foreshore (off-site)
Black-tailed Godwit	<i>Limosa limosa</i>	V	Limited potential habitat along Crookhaven River foreshore (off-site)
Blue-billed Duck	<i>Oxyura australis</i>	V	No suitable habitat
Black-browed Albatross	<i>Diomedea melanophris</i>	V	No suitable habitat
Broad-billed Sandpiper	<i>Limicola falcinellus</i>	V	Very limited potential habitat along Crookhaven River foreshore (off-site)
Bush Stone-curlew	<i>Burhinus grallarius</i>	E	Marginal habitat present. One record 8km north
Curlew Sandpiper	<i>Calidris ferruginea</i>	V	Extremely limited patchy habitat along Crookhaven River foreshore (off-site)
Dugong	<i>Dugong dugon</i>	V	None
Flame Robin	<i>Petroica phoenicea</i>	V	Theoretical habitat. Never recorded in the vicinity
Glossy Black Cockatoo	<i>Calyptorhynchus lathami</i>	V	Recorded on site
Gang Gang Cockatoo	<i>Callocephalon fimbriatum</i>	V	Recorded in Culburra village but not on site. A possible species on the Project site
Greater Sand Plover	<i>Charadrius leschenaultii</i>	V	Very limited potential habitat along Crookhaven River foreshore (off-site)
Great Knot	<i>Calidris tenuirostris</i>	V	Very limited potential habitat along Crookhaven River foreshore (off-site)
Grey-headed Flying Fox	<i>Pteropus poliocephalus</i>	V	
Ground Parrot	<i>Pezoporus wallicus</i>	V	Not recorded on site. No suitable habitat. No previous records in vicinity
Hooded Plover	<i>Thinornis rubricollis</i>	E	Very limited potential habitat along Crookhaven River foreshore (off-site)
Humpback Whale	<i>Megaptera novaeangliae</i>	V	None
Lesser Sand Plover	<i>Charadrius mongolus</i>	V	Very limited potential habitat along Crookhaven River foreshore (off-site)
Little Eagle	<i>Hieraaetus morphnoides</i>	V	Recorded on one occasion soaring over site
Little Lorikeet	<i>Glossopsitta pusilla</i>	V	Theoretically possible, but never recorded. No special resources
Little Shearwater	<i>Puffinus assimilus</i>	V	No suitable habitat

Appendix L

Fauna Species Recorded on the Subject Land and in the Vicinity

Little Tern	<i>Sterna albifrons</i>	E	Could potentially forage along the Crookhaven River to the north
Masked Owl	<i>Tyto novaehollandiae</i>	V	Potential habitat on site. Never recorded
Northern Giant-Petrel	<i>Macronectes halli</i>		No suitable habitat
Osprey	<i>Pandion heliaetus</i>	V	Could potentially forage along Crookhaven River to the north. Recorded once on a transmission tower in the existing industrial estate
Pied Oystercatcher	<i>Haematopus longirostris</i>	V	Very limited potential habitat along Crookhaven River foreshore (off-site)
Powerful Owl	<i>Ninox strenua</i>	V	Recorded on site on a few occasions over nearly two decades. No known nesting resources on the site. Likely foraging habitat for a pair (as part of a "home range")
Providence Petrel	<i>Pterodroma solandri</i>	V	No suitable habitat
Regent Honeyeater	<i>Anthochaera phrygia</i>	E	Theoretically possible, but never recorded. No special resources
Sanderling	<i>Calidris alba</i>	V	Limited potential habitat along Crookhaven River foreshore (off-site)
Sooty Oystercatcher	<i>Haematopus fuliginosus</i>	V	Very limited potential habitat along Crookhaven River foreshore (off-site)
Spotted Harrier	<i>Circus assimilis</i>	V	Limited potential habitat. Never recorded in the vicinity
Square-tailed Kite	<i>Lophoictinia isura</i>	V	Recorded on one occasion soaring over the site
Terek Sandpiper	<i>Xenus cinereus</i>	V	Very limited potential habitat along Crookhaven River foreshore (off-site)
Turquoise Parrot	<i>Neophema pulchella</i>		No suitable habitat
Wandering Albatross	<i>Diomedea exulans</i>	E	No suitable habitat
Common Bent-wing Bat	<i>Miniopterus schreibersii</i>	V	Recorded on site and in locality
Eastern Freetail Bat	<i>Mormopterus norfolkensis</i>	V	Recorded on site and in locality
Eastern False Pipistrelle	<i>Falsistrellus tasmaniensis</i>	V	Recorded on site and in locality
Greater Broad-nosed Bat	<i>Scoteanax rueppellii</i>	V	Recorded on site and in locality
Large-footed Myotis	<i>Myotis adversus</i>	V	Recorded on site and in locality
Eastern Quoll	<i>Dasyurus viverrinus</i>	E	Considered extinct on the mainland
Tiger Quoll	<i>Dasyurus maculatus</i>	V	Potential habitat present, although species may be extinct in the local area. No recent or relevant records
Koala	<i>Phascolarctos cinereus</i>	V	Not recorded on site or in vicinity for decades
Scarlet Robin	<i>Petroica boodang</i>	V	Recorded once on the site. Not likely to depend on the site.
Squirrel Glider	<i>Petaurus norfolcensis</i>	V	Potential habitat present, but never recorded

Appendix L**Fauna Species Recorded on the Subject Land and in the Vicinity**

White-footed Dunnart	<i>Sminthopsis leucopus</i>	V	Potential habitat present, but not recorded from locality since 1988
White-fronted Chat	<i>Epthianura albifrons</i>	V	Limited potential habitat along Crookhaven River foreshore (off-site), but never recorded in vicinity
Yellow-bellied Sheath-tail Bat	<i>Saccolaimus flaviventris</i>	V	Recorded on site
Yellow-bellied Glider	<i>Petaurus australis</i>	V	Recorded southwest of Long Bow Point in 1996 by feeding notches only; Never recorded by spotlighting, call playback or trapping
Southern Right Whale	<i>Eubalaena australis</i>	V	None
Sperm Whale	<i>Physeter macrocephalus</i>	V	None
Green & Golden Bell Frog	<i>Litoria aurea</i>	E	Recorded at Culburra Beach, around northern parts of Lake Wollumboola and southwest of Long Bow Point; No suitable habitat at Culburra West