

Adani

## Appendix B8 – Onsite Fauna Survey Results

adani™

CDM  
Smith



Fauna species list of T0 Project area and surrounds compiled from data collected by CDM Smith staff in July and August 2012 and February 2013. Unless otherwise noted, this table follows the nomenclature provided by Australian Faunal Directory (SEWPaC 2012) as it provides a single point of reference for all terrestrial vertebrate groups. Alterations due to subsequent taxonomic revision and notable variations in common and/or scientific names of conservation significant species are identified in the report text and as footnotes hereunder.

Status abbreviations – **EPBC**: E = Endangered; V = Vulnerable; M = Migratory. **NC**: E = Endangered; V = Vulnerable; NT = Near Threatened; S = of Special Least Concern; C = Least Concern; I = Introduced.

**Fauna species recorded within T0 Project boundary and surrounding habitats.**

Scientific name	Common name	EPBC	NC	T0 Boundary	Abbot Beach	Saltwater Creek and adjacent	Wetland and surrounds	Laydown/Camp
<b>Frogs</b>								
<i>Rhinella marina</i>	Cane Toad		I	X				
<i>Platyplectrum ornatum</i>	Ornate Burrowing Frog		C	X				
<i>Uperoleia mimula</i>	Mimicking Gungan		C	X				
<i>Cyclorana alboguttata</i>	Green-striped Frog		C	X				
<i>Cyclorana novaehollandiae</i>	Eastern Snapping Frog		C	X				
<i>Litoria fallax</i>	Eastern Sedgefrog		C			X		
<i>Litoria rubella</i>	Ruddy Tree Frog		C	X				
<b>Reptiles</b>								
<i>Chelonia mydas</i>	Green turtle	V, M	V		X			
<i>Chelodina longicollis</i>	Eastern Snake-necked Turtle		C				X	
<i>Chelodina canni</i>	Cann's Long-necked Turtle		C				X	
<i>Gehyra dubia</i>	Dubious Dtella		C			X		
<i>Heteronotia binoei</i>	Bynoe's Gecko		C	X				
<i>Hemidactylus frenatus</i>	Asian House Gecko		I	X				
<i>Lialis burtonis</i>	Burton's legless Lizard		C	X				
<i>Carilia decora</i>	Elegant Rainbow-skink		C	X				
<i>Carilia vivax</i>	Tussock Rainbow-skink		C	X				
<i>Cryptoblepharus adamsi</i>	Adam's Snake-eyed Skink		C	X				
<i>Cryptoblepharus litoralis</i>	Coastal Snake-eyed Skink		C		X			
<i>Cryptoblepharus pulcher</i>	Elegant Snake-eyed Skink		C	X				
<i>Ctenotus robustus</i>	Robust Ctenotus		C	X				
<i>Lerista fragilis</i>	Eastern Mulch-slider		C	X				
<i>Morethia taeniopleura</i>	Fire-tailed Skink		C	X				
<i>Diporiphora australis</i>	Tommy Roundhead		C	X				X

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<i>Glaphyromorphus punctulatus</i>	Fine-spotted Mulch-skink		C	X				
<i>Dendrelaphis punctulatus</i>	Common Tree Snake		C	X				
<i>Tropidonophis mairii</i>	Freshwater Snake		C	X				
<i>Demansia psammophis</i>	Yellow-faced Whipsnake		C	X				
<i>Demansia vestigiata</i>	Black Whipsnake		C	X				
<i>Furina diadema</i>	Red-naped Snake		C	X				
<i>Oxyuranus scutellatus</i>	Coastal Taipan		C	X				
<i>Pseudonaja textilis</i>	Eastern Brown Snake		C	X			X	
<i>Suta suta</i>	Curl Snake		C			X		
<b>Birds</b>								
<i>Alectura lathami</i>	Australian Brush-turkey		C	X				
<i>Coturnix ypsilophora</i>	Brown Quail		C	X				X
<i>Anseranas semipalmata</i>	Maggie Goose		C		X		X	
<i>Dendrocygna eytoni</i>	Plumed Whistling-duck		C			X	X	
<i>Dendrocygna</i>	Wandering Whistling-duck		C				X	
<i>Cygnus atratus</i>	Black Swan		C			X	X	
<i>Tadorna radjah</i>	Radjah Shelduck		NT			X		
<i>Anas gracilis</i>	Grey Teal		C			X	X	
<i>Anas superciliosa</i>	Pacific Black Duck		C			X	X	
<i>Aythya australis</i>	Hardhead		C				X	
<i>Tachybaptus novaehollandiae</i>	Australasian Grebe		C			X	X	
<i>Polioccephalus poliocephalus</i>	Hoary-headed Grebe		C				X	
<i>Podiceps cristatus</i>	Great crested Grebe		C				X	
<i>Ocyphaps lophotes</i>	Crested Pigeon		C	X		X		X
<i>Geophaps scripta scripta</i>	Squatter Pigeon (southern)	V	V				X	X
<i>Geopelia striata</i>	Peaceful Dove		C	X		X		
<i>Geopelia cuneata</i>	Diamond Dove		C			X		
<i>Geopelia humeralis</i>	Bar-shouldered Dove		C	X		X		
<i>Apus pacificus</i>	Fork-tailed Swift	M	S	X				
<i>Aninga melanogaster</i>	Darter		C		X		X	
<i>Microcarbo melanoleucos</i>	Little Pied Cormorant		C			X	X	
<i>Phalacrocorax varius</i>	Pied Cormorant		C		X		X	
<i>Phalacrocorax sulcirostris</i>	Little Black Cormorant		C			X	X	
<i>Pelecanus conspicillatus</i>	Australian Pelican		C			X	X	

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<i>Ephippiorhynchus asiaticus</i>	Black-necked Stork		NT				X	
<i>Ardea pacifica</i>	White-necked Heron		C				X	
<i>Ardea modesta</i>	Eastern Great Egret	M	S			X	X	
<i>Ardea intermedia</i>	Intermediate Egret		C				X	
<i>Egretta novaehollandiae</i>	White-faced Heron		C		X	X	X	
<i>Egretta garzetta</i>	Little Egret		C				X	
<i>Nycticorax calledonicus</i>	Nankeen Night Heron		C			X		
<i>Plegadis falcinellus</i>	Glossy Ibis	M	S				X	
<i>Threskiornis molucca</i>	Australian White Ibis		C			X	X	
<i>Threskiornis spinicollis</i>	Straw-necked Ibis		C	X			X	
<i>Platalea regia</i>	Royal Spoonbill		C			X	X	
<i>Platalea flavipes</i>	Yellow-billed Spoonbill		C				X	
<i>Pandion cristatus</i>	Eastern Osprey	M	S		X			
<i>Aviceda subcristata</i>	Pacific Baza		C					X
<i>Haliaeetus leucogaster</i>	White-bellied Sea-eagle	M	S	X			X	
<i>Milvus migrans</i>	Black Kite		C	X		X	X	X
<i>Haliastur spheurnus</i>	Whistling Kite		C	X	X		X	
<i>Haliastur indus</i>	Brahminy Kite		C	X	X		X	
<i>Circus approximans</i>	Swamp Harrier		C			X		
<i>Circus assimilis</i>	Spotted Harrier		C				X	
<i>Aquila audax</i>	Wedge-tailed Eagle		C				X	
<i>Falco cenchroides</i>	Nankeen Kestrel		C	X			X	
<i>Falco berigora</i>	Brown Falcon		C				X	
<i>Falco peregrinus</i>	Peregrine Falcon		C	X				
<i>Grus rubicunda</i>	Brolga		C				X	
<i>Porphyrrio porphyrio</i>	Purple Swamphen		C			X	X	
<i>Gallinula tenebrosa</i>	Dusky Moorhen		C			X		
<i>Ardeotis australis</i>	Australian Bustard		C	X			X	
<i>Esacus neglectus</i>	Beach Stone-curlew		V					
<i>Haematopus longirostris</i>	Pied Oystercatcher		C		X			
<i>Himantopus himantopus</i>	Black-winged Stilt		C			X	X	
<i>Charadrius ruficapillus</i>	Red-capped Plover		C		X		X	
<i>Eielseyornis melanops</i>	Black-fronted Dotterel		C			X	X	
<i>Erythronyony cinctus</i>	Red-kneed Dotterel		C			X		
<i>Vanellus miles</i>	Masked Lapwing		C	X		X	X	X
<i>Pluvialis fulva</i>	Pacific Golden Plover	M	S		X			

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<i>Tringa stagnatilis</i>	Marsh Sandpiper	M	S				X	
<i>Tringa nebularis</i>	Common greenshank	M	S			X		
<i>Calidris acuminata</i>	Sharp-tailed Sandpiper	M	S			X	X	
<i>Stiltia isabella</i>	Australian Pratincole		C				X	
<i>Sterna albifrons</i>	Little Tern	M	E				X	
<i>Gelochelidon nilotica</i>	Gull-billed Tern		C		X		X	
<i>Hydroprogne caspia</i>	Caspian Tern	M	S		X		X	
<i>Chlidonias hybridus</i>	Whiskered Tern		C				X	
<i>Thalasseus bergii</i>	Crested Tern	M	S		X			
<i>Chroicocephalus novaehollandiae</i>	Silver Gull		C				X	
<i>Eolophus roseicapilla</i>	Galah		C	X			X	
<i>Cacatua galerita</i>	Sulphur-crested Cockatoo		C	X			X	
<i>Calyptrorhynchus banksii</i>	Red-tailed Black-cockatoo		C	X				
<i>Nymphicus hollandicus</i>	Cockatiel		C	X			X	
<i>Trichoglossus haematodus</i>	Rainbow Lorikeet		C	X				
<i>Aprosmictus erythropterus</i>	Red-winged Parrot		C	X	X		X	
<i>Platyercus adscitus</i>	Pale-headed Rosella		C	X				X
<i>Scythrops novaehollandiae</i>	Channel-billed Cuckoo		C					X
<i>Cacomantis variolosus</i>	Brush Cuckoo		C	X		X		X
<i>Chalcites minutillus</i>	Little Bronze-cuckoo		C	X				
<i>Centropus phasianinus</i>	Pheasant Coucal		C	X		X	X	X
<i>Ninox novaeseelandiae</i>	Southern Boobook		C	X		X		
<i>Aegathes cristatus</i>	Australian Owllet-nightjar		C	X				
<i>Dacelo novaeguineae</i>	Laughing Kookaburra		C	X			X	
<i>Dacelo leachii</i>	Blue-winged Kookaburra		C	X				
<i>Todiramphus macleayi</i>	Forest Kingfisher		C	X	X	X	X	
<i>Todiramphus sanctus</i>	Sacred Kingfisher		C		X			
<i>Merops ornatus</i>	Rainbow Bee-eater	M	S	X	X		X	X
<i>Eurystomus orientalis</i>	Dollarbird		C			X		
<i>Ptilonorhynchus nuchalis</i>	Great Bowerbird		C	X				X
<i>Malurus melanolephalus</i>	Red-backed Fairy-wren		C	X				X
<i>Pardalotus striatus</i>	Striated Pardalote		C	X				X
<i>Gerygone palpebrosa</i>	Fairy Gerygone		C	X				
<i>Acanthiza pusilla</i>	Brown Thornbill		C	X				
<i>Meliphaga lewinii</i>	Lewin's Honeyeater		C	X				

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<i>Gavicalis fasciularis</i>	Mangrove Honeyeater		C	X				
<i>Lichenostomus flavus</i>	Yellow Honeyeater		C	X		X		X
<i>Manorina flavigula</i>	Yellow-throated Miner		C				X	X
<i>Myzomela obscura</i>	Dusky Honeyeater		C	X				
<i>Lichmera indistincta</i>	Brown Honeyeater		C	X				X
<i>Entomyzon cyanotis</i>	Blue-faced Honeyeater		C	X	X			
<i>Philemon citreogularis</i>	Little Friarbird		C	X				
<i>Philemon buceroides</i>	Helmeted Friarbird		C	X	X			
<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike		C	X	X	X	X	
<i>Coracina papuensis</i>	White-bellied Cuckoo-shrike		C				X	X
<i>Lalage leucomela</i>	Varied Triller		C	X				
<i>Colluricincla megarhyncha</i>	Little Shrike-thrush		C	X				
<i>Oriolus sagittatus</i>	Olive-backed Oriole		C					X
<i>Sphecotheres viridis</i>	Figbird		C	X	X			
<i>Artamus leucorhynchus</i>	White-breasted Woodswallow		C				X	
<i>Artamus cinereus</i>	Black-faced Woodswallow		C				X	
<i>Cracicetus nigrogularis</i>	Pied Butcherbird		C	X	X	X	X	X
<i>Gymnorhina tibicen</i>	Australian Magpie		C	X	X		X	X
<i>Strepera graculina</i>	Pied Currawong		C	X		X		X
<i>Dicrurus bracteatus</i>	Spangled Drongo		C	X			X	
<i>Corvus coronoides</i>	Australian Raven		C	X	X	X	X	X
<i>Myiagra rubecula</i>	Leaden Flycatcher		C	X				
<i>Rhipidura rufifrons</i>	Rufous Fantail	M	S	X				
<i>Grallina cyanoleuca</i>	Magpie-lark		C	X	X	X	X	X
<i>Mirafra javanica</i>	Horsfield's Bushlark		C				X	
<i>Cisticola juncaids</i>	Zitting Cisticola		C				X	
<i>Cisticola exilis</i>	Golden-headed Cisticola		C	X			X	X
<i>Megalurus timoriensis</i>	Tawny Grassbird		C	X				
<i>Hirundo neoxena</i>	Welcome Swallow		C	X		X	X	
<i>Petrochelidon ariel</i>	Fairy Martin		C		X	X	X	X
<i>Petrochelidon nigricans</i>	Tree Martin		C	X			X	
<i>Dicaeum hirundinaceum</i>	Mistletoebird		C	X			X	X
<i>Nectarinia jugularis</i>	Yellow-bellied Sunbird		C	X				
<i>Taeniopygia bichenovii</i>	Double-barred Finch		C	X				

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<i>Zosterops lateralis</i>	Silvereye		C	X				
<i>Anthus novaeseelandiae</i>	Australasian Pipit		C	X	X		X	
<b>Mammals</b>								
<i>Isoodon macrourus</i>	Northern Brown Bandicoot		C	X				
<i>Macropus giganteus</i>	Eastern Grey Kangaroo		C	X	X		X	X
<i>Macropus agilis</i>	Agile Wallaby		C	X				
<i>Chaerophon jobensis</i>	Northern Freetail-bat		C	X		X		
<i>Chalinolobus gouldii</i>	Gould's Wattled Bat		C			X		
<i>Chalinolobus nigrogriseus</i>	Hoary Wattled Bat		C			X		
<i>Miniopterus australis</i>	Little Bentwing-bat		C	X				
<i>Miniopterus orianae</i>						X		
<i>Myotis oceanensis</i>	Common Bentwing-bat		C					
<i>Myotis macropus</i>	Large-footed Myotis		C			X		
<i>Nyctophilus sp.</i>	Long-eared Bat species		C	X				
<i>Scotorepens greyii/sanborni</i>	Little/Northern Broad-nosed Bat		C			X		
<i>Vespadelus troughtoni</i>	Eastern Cave Bat		C	X		X		
<i>Melomys cervinipes</i>	Fawn-footed Melomys		C	X				
<i>Rattus fuscipes</i>	Bush Rat		C	X				
<i>Rattus rattus</i>	Black Rat		I	X				
<i>Canis lupus dingo/familiaris</i>	Dingo/Dog				X			
<i>Vulpes vulpes</i>	Red Fox		I		X			
<i>Axis axis</i>	Chital		I	X				
<i>Sus scrofa</i>	Pig		I	X			X	





Black-winged stilt	16	31	25	18	33	82	25	35	129		8	8	32		49	491
Red-capped plover														9		9
Black-fronted dotterel	2	2						5	3			1	1		2	16
Masked lapwing	6	3	3	5	1	14		8	14		11	4	14	2	5	96
Terns			22		3											25
Little tern		8	3	2		2			24		1				6	46
Gull-billed tern														10	25	35
Caspian tern		6					1	1						1		9
Whiskered tern				4		10			4		4					22
Silver Gull			16					6								22
<b>Total</b>	<b>388</b>	<b>270</b>	<b>655</b>	<b>854</b>	<b>150</b>	<b>228</b>	<b>276</b>	<b>342</b>	<b>431</b>	<b>85</b>	<b>180</b>	<b>370</b>	<b>95</b>	<b>77</b>	<b>1139</b>	<b>6018</b>