

Central Queensland Coal Project

Appendix 9d – Ecological Field Survey Results

**Environmental Impact
Statement**

Fauna species list of Styx Coal Project and surrounds compiled from data collected by Ed Meyer in 2011 and 2012 and CDM Smith in February May and August 2017. Unless otherwise noted, this table follows the nomenclature provided by the following sources:

- *The complete guide to reptiles of Australia 4th Ed.* (Wilson and Swan 2013);
- *Tadpoles and frogs of Australia* (Anstis 2013);
- *Field companion to the mammals of Australia* (Van Dyck *et al.* 2013); and
- *Birdlife Australia's International Ornithologist Committee Australian Checklist* (BARC 2016).

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.

Table 1 Overall fauna species list from Project area surveys.

| Species name | Common name | Status | | Data collected within or near ML | Data collection source | | | | | |
|------------------------------------|--------------------------|--------|------|----------------------------------|------------------------|----------|----------|-----------|----------|----------|
| | | NC | EPBC | | Ed Meyer | | | CDM Smith | | |
| | | | | | Mar 2011 | Sep 2011 | Feb 2012 | Feb 2017 | May 2017 | Aug 2017 |
| AMPHIBIANS | | | | | | | | | | |
| <i>Crinia deserticola</i> | Chirping Froglet | C | | X | X | X | X | X | | |
| <i>Platyplectron orantum</i> | Ornate Burrowing Frog | C | | | X | | X | | | |
| <i>Limnodynastes salmini</i> | Salmon-striped frog | C | | X | X | X | X | | | |
| <i>Limnodynastes tasmaniensis</i> | Spotted Grass-frog | C | | X | X | X | X | | | |
| <i>Limnodynastes terraereginae</i> | Scarlet-sided Pobblebonk | C | | X | X | X | | X | | |
| <i>Cyclorana alboguttata</i> | Green-striped Frog | C | | X | X | | X | | X | |
| <i>Cyclorana novaehollandiae</i> | Eastern Snapping Frog | C | | | X | | | | | |
| <i>Litoria caerulea</i> | Green Tree Frog | C | | X | X | X | X | X | X | X |
| <i>Litoria fallax</i> | Eastern Sedge Frog | C | | X | X | X | X | X | | X |
| <i>Litoria gracilentata</i> | Graceful Tree Frog | C | | | | | | | X | |
| <i>Litoria inermis</i> | Peter's Frog | C | | X | X | X | X | X | | |
| <i>Litoria latopalmata</i> | Broad-palmed Rocketfrog | C | | X | X | X | X | X | | |
| <i>Litoria nasuta</i> | Rocket Frog | C | | | X | | | | | |
| <i>Litoria rothii</i> | Roth's Tree Frog | C | | X | X | X | X | X | | |
| <i>Litoria rubella</i> | Ruddy Tree Frog | C | | X | X | X | X | X | X | |
| <i>Litoria wilcoxii</i> | Stony Creek Frog | C | | X | | X | | | | |

| Species name | Common name | Status | | Data collected within or near ML | Data collection source | | | | | |
|------------------------------------|---------------------------------------|--------|------|----------------------------------|------------------------|----------|----------|-----------|----------|----------|
| | | NC | EPBC | | Ed Meyer | | | CDM Smith | | |
| | | | | | Mar 2011 | Sep 2011 | Feb 2012 | Feb 2017 | May 2017 | Aug 2017 |
| <i>Rhinella marina</i> | Cane Toad | I | | X | X | X | X | X | X | |
| REPTILES | | | | | | | | | | |
| <i>Chelodina canni</i> | Cann's Long-neck Turtle | C | | | X | | | | | |
| <i>Chelodina longicollis</i> | Eastern Long-necked Turtle | C | | X | X | X | | | | |
| <i>Emydura krefftii</i> | Krefft's River Turtle ³ | C | | X | | | | | X | |
| <i>Euseya albagula</i> | Southern Snapping Turtle ³ | E | CE | X | | | | | | |
| <i>Wollumbinia latisternum</i> | Saw-shelled Turtle | C | | X | | | | X | | |
| <i>Gehyra dubia</i> | Dubious Dtella | C | | X | X | X | X | X | | |
| <i>Heteronotia binoei</i> | Bynoe's Gecko | C | | X | X | X | X | X | | |
| <i>Oedura monilis</i> | Ocellated Velvet Gecko | C | | X | X | X | | | | |
| <i>Paradelma orientalis</i> | Brigalow Scaly-foot | C | | X | | | X | | | |
| <i>Carlia pectoralis</i> | | C | | X | X | X | X | | | |
| <i>Carlia munda</i> | | C | | X | X | X | | | | |
| <i>Carlia schmeltzii</i> | | C | | X | | X | | | | |
| <i>Carlia vivax</i> | Lively Rainbow-skink | C | | X | | | | X | | |
| <i>Cryptoblepharus metallicus</i> | Metallic Snake-eyed Skink | C | | X | X | X | | X | | |
| <i>Cryptoblepharus pulcher</i> | Elegant Snake-eyed Skink | C | | X | X | X | X | X | | |
| <i>Ctenotus taeniolatus</i> | Copper-tailed skink | C | | X | X | X | | X | X | |
| <i>Concinnia tenuis</i> | Barred Sided-skink | C | | X | | | X | | | |
| <i>Glaphyromorphus punctulatus</i> | Fine-spotted Mulch-skink | C | | X | | X | | X | | |
| <i>Lygisaurus foliorum</i> | Tree-base Litter-skink | C | | X | X | X | X | X | | |
| <i>Morethia boulengeri</i> | | C | | | | | X | | | |
| <i>Morethia taeniopleura</i> | Fire-tailed Skink | C | | X | | X | X | X | | |
| <i>Pygmaeascincus timlowi</i> | Low's Pygmy Skink | C | | X | | | | X | | |
| <i>Chlamydosaurus kingii</i> | Frilled Lizard | C | | X | | | | X | | |
| <i>Diporiphora australis</i> | Tommy Roundhead | C | | X | | X | | | | |
| <i>Intelligama lesueurii</i> | Eastern Water Dragon | C | | X | | X | | | | |
| <i>Pogona barbata</i> | Bearded Dragon | C | | | | X | | | | |
| <i>Anilius ligatus</i> | Robust Blind Snake | C | | X | | | | | X | |
| <i>Antaresia maculosa</i> | Spotted Python | C | | | X | X | | | | |
| <i>Aspidites melanocephalus</i> | Black-headed Python | C | | | | X | | | | |

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|------------------------------------|--------------------------|--------|------|----------------------------------|------------------------|----------|----------|-----------|----------|----------|
| | | NC | EPBC | | Ed Meyer | | | CDM Smith | | |
| | | | | | Mar 2011 | Sep 2011 | Feb 2012 | Feb 2017 | May 2017 | Aug 2017 |
| <i>Morelia spilota</i> | Carpet Python | C | | | | X | | | | |
| <i>Dendrelaphis punctulatus</i> | Common Tree Snake | C | | X | X | | X | X | | |
| <i>Boiga irregularis</i> | Brown Tree Snake | C | | | X | | | | | |
| <i>Tropidonophis mairii</i> | Keelback | C | | X | X | X | | X | | |
| <i>Cryptophis boschmai</i> | Carpentaria Snake | C | | X | | | | X | | |
| <i>Demansia psammophis</i> | Yellow-faced Whipsnake | C | | X | | X | | | | |
| <i>Demansia vestigiata</i> | Lesser Black Whip-snake | C | | | | X | | | | |
| <i>Denisonia maculata</i> | Ornamental Snake | C | | | X | X | | | | |
| <i>Hoplocephalus bitorquatus</i> | Pale-headed Snake | C | | X | X | | | X | | |
| <i>Oxyuranus scutellatus</i> | Coastal Taipan | C | | | | | X | | | |
| <i>Pseudonaja textilis</i> | Eastern Brown Snake | C | | | | X | X | X | | |
| BIRDS | | | | | | | | | | |
| <i>Dromaius novaehollandiae</i> | Emu | C | | X | X | X | X | X | X | X |
| <i>Alectura lathami</i> | Australian Brush Turkey | C | | | X | | | | | |
| <i>Coturnix ypsilophora</i> | Brown Quail | C | | X | X | | X | X | | |
| <i>Anseranas semipalmata</i> | Magpie Goose | C | | X | X | | X | X | | |
| <i>Chenonetta jubata</i> | Australian Wood Duck | C | | X | X | X | X | X | X | X |
| <i>Nettapus coromandelianus</i> | Cotton Pygmy-goose | C | | X | X | | X | | | X |
| <i>Anas gracilis</i> | Grey Teal | C | | X | X | X | X | X | X | X |
| <i>Anas superciliosa</i> | Pacific Black Duck | C | | X | X | X | X | X | X | X |
| <i>Aythya australis</i> | Hardhead | C | | | | | | | | X |
| <i>Tadorna radjah</i> | Radjah Shelduck | C | | | | X | | | | |
| <i>Dendrocygna eytoni</i> | Plumed Whistling Duck | C | | X | X | | X | X | | |
| <i>Dendrocygna arcuata</i> | Wandering Whistling Duck | C | | X | X | | X | X | | |
| <i>Tachybaptus novaehollandiae</i> | Australasian Grebe | C | | X | X | | | | X | X |
| <i>Anhinga novaehollandiae</i> | Darter | C | | X | X | X | X | X | X | X |
| <i>Microcarbo melanoleucos</i> | Little Pied Cormorant | C | | X | X | X | X | X | X | X |
| <i>Phalacrocorax sulcirostris</i> | Little Black Cormorant | C | | X | X | X | | X | X | X |
| <i>Pelecanus conspicillatus</i> | Australian pelican | C | | | X | | | | X | X |
| <i>Ixobrychus flavicollis</i> | Black Bittern | C | | X | X | | X | | | |
| <i>Nycticorax caledonicus</i> | Nankeen Night Heron | C | | | X | X | X | | | |
| <i>Ardea intermedia</i> | Intermediate Egret | C | | X | X | X | X | | X | X |
| <i>Ardea modesta</i> | Great Egret | C | | X | | X | X | | X | X |
| <i>Ardea pacifica</i> | White-necked Heron | C | | X | X | X | X | X | X | X |
| <i>Bubulcus ibis</i> | Cattle Egret | C | | X | | X | X | X | X | X |

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| <i>Egretta novaeholandiae</i> | White-faced Heron | C | | X | X | | X | X | X | X |
| <i>Threskiornis molucca</i> | Australian White Ibis | C | | | | X | X | | | X |
| <i>Threskiornis spinicollis</i> | Straw-necked Ibis | C | | X | | X | X | X | X | X |
| <i>Plegadis falcinellus</i> | Glossy Ibis | S | M | | | X | | | | |
| <i>Platalea regia</i> | Royal Spoonbill | C | | | | X | | | | |
| <i>Platalea flavipes</i> | Yellow-billed Spoonbill | C | | | | | | | | X |
| <i>Haliaeetus leucogaster</i> | Pacific Baza | C | | X | | X | | X | | |
| <i>Aviceda subcristata</i> | Whistling Kite | C | | X | X | | X | X | | X |
| <i>Lophoictinia isura</i> | Square-tailed Kite | C | | | X | | | | | |
| <i>Milvus migrans</i> | Black Kite | C | | X | X | | X | X | X | X |
| <i>Haliaeetus leucogaster</i> | White-bellied Sea-eagle | C | | | | | X | | X | |
| <i>Aquila audax</i> | Wedge-tailed Eagle | C | | X | X | X | X | X | X | X |
| <i>Accipiter cirrhocephalus</i> | Collared Sparrowhawk | C | | | X | | X | | | |
| <i>Accipiter fasciatus</i> | Brown Goshawk | C | | X | X | | | | | X |
| <i>Circus assimilis</i> | Spotted Harrier | C | | | | | X | | | X |
| <i>Circus approximans</i> | Swamp Harrier | C | | | | | X | | | |
| <i>Elanus axillaris</i> | Black-shouldered Kite | C | | X | | | X | | X | |
| <i>Falco cenchroides</i> | Nankeen Kestrel | C | | X | X | | X | X | X | X |
| <i>Falco berigora</i> | Brown Falcon | C | | X | X | | X | X | X | X |
| <i>Grus rubicunda</i> | Brolga | C | | X | | | | X | X | |
| <i>Porphyrio porphyrio</i> | Purple Swamphen | C | | X | X | X | X | X | | |
| <i>Gallinula tenebrosa</i> | Dusky Moorhen | C | | X | | X | | X | X | |
| <i>Fulica atra</i> | Eurasian Coot | C | | X | | | | | X | X |
| <i>Turnix varius</i> | Painted Button-quail | C | | | X | | | | | |
| <i>Turnix velox</i> | Little Button-quail | C | | | | | X | | | |
| <i>Gallirallus philippensis</i> | Buff-banded Rail | C | | | X | X | | | | |
| <i>Ardeotis australis</i> | Australian Bustard | C | | | X | X | X | | X | X |
| <i>Himantopus leucocephalus</i> | White-headed Stilt | C | | | | X | | | X | X |
| <i>Vanellus miles</i> | Masked Lapwing | C | | X | X | X | X | X | X | X |
| <i>Vanellus tricolor</i> | Banded Lapwing | C | | | | | | | | X |
| <i>Irediparra gallinacea</i> | Comb-crested Jacana | C | | X | | X | X | X | X | X |
| <i>Gallinago hardwickii</i> | Latham's Snipe | S | M | X | | | | X | | |
| <i>Limosa lapponica baueri</i> | North Siberian Bar-tailed Godwit | S | V, M | | | | X | | | |
| <i>Numenius madagascariensis</i> | Eastern Curlew | V | CE, M | | | X | X | | | |
| <i>Numenius phaeopus</i> | Whimbrel | S | M | | | | X | | | |

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| | | | | | Mar 2011 | Sep 2011 | Feb 2012 | Feb 2017 | May 2017 | Aug 2017 |
| <i>Strena caspia</i> | Caspian Tern | S | M | | | | X | | | |
| <i>Gelochelidon nilotica</i> | Gull-billed Tern | S | M | | | X | | | | |
| <i>Chalcophaps indica</i> | Emerald Dove | C | | | X | | | | | |
| <i>Ocyphaps lophotes</i> | Crested Pigeon | C | | X | X | X | X | X | X | X |
| <i>Geopelia humeralis</i> | Bar-shouldered Dove | C | | X | X | X | X | X | X | X |
| <i>Geopelia striata</i> | Peaceful Dove | C | | X | X | X | X | X | X | X |
| <i>Geopelia cuneata</i> | Diamond Dove | | | X | | | | | | X |
| <i>Phaps chalcoptera</i> | Common Bronzewing | C | | X | | | | X | | |
| <i>Geophaps scripta scripta</i> | Squatter Pigeon (southern) | V | V | X | X | X | X | X | | |
| <i>Eolophus roseicapilla</i> | Galah | C | | X | X | | X | X | X | X |
| <i>Cacatua galerita</i> | Sulphur-crested Cockatoo | C | | X | X | X | | X | X | X |
| <i>Calyptorhynchus banksii</i> | Red-tailed Black-cockatoo | C | | X | | X | | X | | |
| <i>Trichoglossus moluccanus</i> | Rainbow Lorikeet | C | | X | X | X | X | X | X | X |
| <i>Trichoglossus chlorolepidotus</i> | Scaly-breasted Lorikeet | C | | X | | | | X | | |
| <i>Aprosmictus erythropterus</i> | Red-winged Parrot | C | | X | X | X | X | X | X | X |
| <i>Platycercus adscitus</i> | Pale-headed Rosella | C | | X | X | X | X | X | X | X |
| <i>Centropus phasianinus</i> | Pheasant Coucal | C | | X | X | X | X | X | | X |
| <i>Scythrops novaehollandiae</i> | Channel-billed Cuckoo | C | | X | X | X | X | X | | |
| <i>Eudynamys orientalis</i> | Eastern Koel | C | | X | | | X | X | | |
| <i>Cuculus optatus</i> | Oriental Cuckoo | S | M | | X | | | | | |
| <i>Cuculus pallidus</i> | Pallid Cuckoo | C | | X | | X | | | X | X |
| <i>Chalcites basalis</i> | Horsfield's bronze-cuckoo | C | | X | | X | X | | | |
| <i>Chalcites minutilis</i> | Little Bronze-cuckoo | C | | X | X | X | X | X | | X |
| <i>Ninox boobook</i> | Southern boobook | C | | X | | X | | | | X |
| <i>Ninox connivens</i> | Barking Owl | C | | X | X | | | | | X |
| <i>Tyto javanica</i> | Eastern Barn Owl | C | | | X | X | | | | |
| <i>Podargus strigoides</i> | Tawny Frogmouth | C | | X | X | X | | X | | |
| <i>Caprimulgus macrurus</i> | large-tailed nightjar | C | | | X | | | | | |
| <i>Eurostopodus mystacalis</i> | white-throated night-jar | C | | X | | X | | | | |
| <i>Aegotheles cristatus</i> | Australian Owlet-nightjar | C | | | X | | X | | | |
| <i>Apus pacificus</i> | Fork-tailed Swift | S | M | | X | | X | | | |

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| | | | | | Mar 2011 | Sep 2011 | Feb 2012 | Feb 2017 | May 2017 | Aug 2017 |
| <i>Dacelo leachii</i> | Blue-winged Kookaburra | C | | X | X | X | X | X | X | X |
| <i>Dacelo novaeguineae</i> | Laughing Kookaburra | C | | X | X | X | X | X | X | X |
| <i>Todiramphus macleayii</i> | Forest Kingfisher | C | | X | X | X | X | X | X | |
| <i>Todiramphus pyrrhopygius</i> | Red-backed Kingfisher | C | | X | X | | | | X | |
| <i>Todiramphus sanctus</i> | Sacred kingfisher | C | | X | X | X | | X | X | |
| <i>Ceyx azureus</i> | Azure Kingfisher | C | | X | X | | | | | |
| <i>Merops ornatus</i> | Rainbow Bee-eater | C | | X | X | X | X | X | X | X |
| <i>Eurystomus orientalis</i> | Dollarbird | C | | X | X | | X | X | | |
| <i>Chlamydera maculatus</i> | Spotted Bowerbird | C | | | X | | | | | |
| <i>Malurus melanocephalus</i> | Red-backed Fairy-wren | C | | X | X | X | X | X | X | X |
| <i>Malurus cyaneus</i> | Superb Fairy-wren | | | | | | | | | X |
| <i>Sericornis frontalis</i> | White-browed Scrubwren | C | | | | X | | | | |
| <i>Smicronis brevirostris</i> | Weebill | C | | X | X | X | | | | |
| <i>Gerygone albogularis</i> | White-throated Gerygone | C | | X | X | X | | | | X |
| <i>Acanthiza chrysorrhoa</i> | Yellow-rumped Thornbill | C | | X | | | | | X | |
| <i>Pardalotus striatus</i> | Striated Pardalote | C | | X | X | X | X | X | X | X |
| <i>Gavicalis fasciogularis</i> | Mangrove Honeyeater | C | | | | | X | | | |
| <i>Stomiopera flava</i> | Yellow Honeyeater | C | | X | X | X | X | X | X | X |
| <i>Meliphaga lewinii</i> | Lewin's Honeyeater | C | | X | X | X | X | X | X | X |
| <i>Calligavis chrysops</i> | Yellow-faced Honeyeater | C | | | | | | | | X |
| <i>Manorina flavigula</i> | Yellow-throated Miner | C | | X | X | X | X | X | X | X |
| <i>Melithreptus albogularis</i> | White-throated Honeyeater | C | | X | X | X | X | X | X | X |
| <i>Entomyzon cyanotis</i> | Blue-faced Honeyeater | C | | X | X | X | X | X | X | X |
| <i>Lichmera indistincta</i> | Brown Honeyeater | C | | X | X | X | | X | X | X |
| <i>Myzomela sanguinolenta</i> | Scarlet Honeyeater | C | | X | X | X | | | | X |
| <i>Philemon corniculatus</i> | Noisy Friarbird | C | | X | X | X | X | X | X | X |
| <i>Philemon citreogularis</i> | Little friarbird | C | | X | X | X | | | X | |
| <i>Plectorhyncha lanceolata</i> | Striped Honeyeater | C | | X | | X | | | X | |
| <i>Pomatostomus temporalis</i> | Grey-crowned Babbler | C | | X | X | | X | X | | X |

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| | | | | | Mar 2011 | Sep 2011 | Feb 2012 | Feb 2017 | May 2017 | Aug 2017 |
| <i>Coracina novaehollandiae</i> | Black-faced Cuckoo-shrike | C | | X | X | X | X | X | X | X |
| <i>Coracina papuensis</i> | White-bellied Cuckoo-shrike | C | | X | X | X | | X | | |
| <i>Coracina maxima</i> | Ground Cuckoo-shrike | C | | | X | | | | | |
| <i>Coracina tenuirostris</i> | Cicadabird | C | | X | X | X | X | X | | |
| <i>Lalage leucomela</i> | Varied Triller | C | | X | X | X | X | X | X | X |
| <i>Lalage sueurii</i> | White-winged Triller | C | | X | | X | | | | X |
| <i>Pachycephala rufiventris</i> | Rufous Whistler | C | | X | X | X | | X | X | X |
| <i>Colluricincla harmonica</i> | Grey Shrike-thrush | C | | X | X | X | X | X | X | X |
| <i>Culluricincla megarhyncha</i> | Little Shrike-thrush | C | | X | | X | X | | | |
| <i>Oriolus sagittatus</i> | Olive-backed Oriole | C | | | X | | | | | X |
| <i>Sphecotheres vieilloti</i> | Australian figbird | C | | X | | X | | X | X | X |
| <i>Artamus leucorhynchus</i> | White-breasted Woodswallow | C | | X | X | | X | X | X | |
| <i>Artamus cinereus</i> | Black-faced Woodswallow | C | | X | X | X | X | X | X | X |
| <i>Cracticus nigrogularis</i> | Pied Butcherbird | C | | X | X | X | X | X | X | X |
| <i>Cracticus torquatus</i> | Grey butcherbird | C | | | X | | | | | |
| <i>Gymnorhina tibicen</i> | Australian Magpie | C | | X | X | X | X | X | X | X |
| <i>Strepera graculina</i> | Pied Currawong | C | | X | | X | | X | X | |
| <i>Dicrurus bracteatus</i> | Spangled Drongo | C | | X | X | X | X | X | X | |
| <i>Rhipidura albiscapa</i> | Grey Fantail | C | | X | | | | | X | X |
| <i>Rhipidura rufifrons</i> | Rufous Fantail | S | M | | X | | | | | |
| <i>Rhipidura leucophrys</i> | Willie Wagtail | C | | X | X | X | X | X | X | X |
| <i>Corvus orru</i> | Torresian Crow | C | | X | X | X | X | X | X | X |
| <i>Myiagra rubecula</i> | Leaden flycatcher | C | | X | X | X | X | X | | X |
| <i>Grallina cyanoleuca</i> | Magpie-Lark | C | | X | X | X | X | X | X | X |
| <i>Struthidea cinerea</i> | Apostlebird | C | | X | X | | X | X | X | X |
| <i>Corcorax melanorhamphos</i> | White-winged Chough | C | | X | | | | X | | X |
| <i>Microeca flavigaster</i> | Lemon-bellied Flycatcher | C | | X | X | X | | | | |
| <i>Microeca fascinans</i> | Jacky Winter | C | | X | | | | | | X |
| <i>Eopsaltria australis</i> | Eastern Yellow Robin | C | | X | | | | X | | |
| <i>Acrocephalus australis</i> | Australian Reed-warbler | C | | X | | X | X | | X | |
| <i>Megalurus gramineus</i> | Little Grassbird | C | | | | | X | | | |

| Species name | Common name | Status | | Data collected within or near ML | Data collection source | | | | | |
|--------------------------------|----------------------------|--------|------|----------------------------------|------------------------|----------|----------|-----------|----------|----------|
| | | NC | EPBC | | Ed Meyer | | | CDM Smith | | |
| | | | | | Mar 2011 | Sep 2011 | Feb 2012 | Feb 2017 | May 2017 | Aug 2017 |
| <i>Megalurus timoriensis</i> | Tawny Grassbird | C | | X | X | X | | | | |
| <i>Cisticola exilis</i> | Golden-headed Cisticola | C | | X | X | X | X | X | X | X |
| <i>Cisticola juncidis</i> | Zitting Cisticola | C | | | X | | X | | | |
| <i>Mirafra javanica</i> | Horsfield's Bushlark | C | | | X | | X | | X | |
| <i>Megalurus cruralis</i> | Brown Songlark | C | | | X | | X | | | X |
| <i>Megalurus mathewsi</i> | Rufous Songlark | C | | X | | X | | | | X |
| <i>Zosterops lateralis</i> | Silvereye | C | | X | | | | | | X |
| <i>Acridotheres tristis</i> | Common Myna | I | | X | | | | X | X | |
| <i>Hirundo neoxena</i> | Welcome Swallow | C | | X | X | X | X | X | X | X |
| <i>Petrochelidon ariel</i> | Fairy Martin | C | | | X | X | | | | |
| <i>Petrochelidon nigricans</i> | Tree Martin | C | | X | | | | X | | X |
| <i>Dicaeum hirundinaceum</i> | Mistletoebird | C | | X | X | X | X | X | X | X |
| <i>Cinnyris jugularis</i> | Olive-backed Sunbird | C | | | | X | | | | |
| <i>Neochmia modesta</i> | Plum-headed Finch | C | | | X | X | X | | | |
| <i>Taeniopygia bichenovii</i> | Double-barred Finch | C | | X | X | X | X | X | | X |
| <i>Taeniopygia guttata</i> | Zebra Finch | C | | | X | X | | | X | X |
| <i>Lonchura castaneothorax</i> | Chestnut-breasted Mannikin | C | | X | X | | X | | | |
| <i>Anthus australis</i> | Australian Pipit | C | | X | X | X | X | X | X | X |
| MAMMALS | | | | | | | | | | |
| <i>Tachyglossus aculeatus</i> | Echidna | S | | X | scats | scats | scats | | scats | |
| <i>Planigale maculata</i> | Common Planigale | C | | X | | X | | | | |
| <i>Isoodon macrourus</i> | Northern Brown Bandicoot | C | | X | X | X | X | | | |
| <i>Petaurus breviceps</i> | Sugar Glider | C | | X | X | X | | | | |
| <i>Petaurus norfolcensis</i> | Squirrel Glider | C | | X | | X | | | | |
| <i>Petauroides armillatus</i> | Central Greater Glider | C | V | X | | | X | X | | |
| <i>Trichosurus vulpecula</i> | Common Brushtail Possum | C | | X | X | X | X | X | | X |
| <i>Phascolarctos cinereus</i> | Koala | V | V | X | scats | scats | | X | | |
| <i>Aepyprymnus rufescens</i> | Rufous Bettong | C | | X | X | | | X | | X |
| <i>Macropus agilis</i> | Agile Wallaby | C | | X | X | X | X | X | X | |
| <i>Macropus giganteus</i> | Eastern Grey Kangaroo | C | | X | X | X | X | X | X | X |
| <i>Macropus parryi</i> | Whiptail Wallaby | C | | X | X | | | X | | |
| <i>Wallabia bicolor</i> | Swamp Wallaby | C | | X | | X | X | X | | |
| <i>Pteropus alecto</i> | Black Flying-fox | C | | X | X | X | | | X | |

| Species name | Common name | Status | | Data collected within or near ML | Data collection source | | | | | |
|---------------------------------------|------------------------------------|--------|------|----------------------------------|------------------------|----------|----------|-----------|----------|----------|
| | | NC | EPBC | | Ed Meyer | | | CDM Smith | | |
| | | | | | Mar 2011 | Sep 2011 | Feb 2012 | Feb 2017 | May 2017 | Aug 2017 |
| <i>Pteropus scapulatus</i> | Little Red Flying-fox | C | | X | X | X | | | | |
| <i>Saccolaimus flaviventris</i> | Yellow-bellied Sheath-tail-bat | C | | X | X | X | | X | | |
| <i>Chaerephon jobensis</i> | Northern Freetail-bat | C | | X | X | X | | X | | |
| <i>Tadarida australis</i> | White-striped Mastiff Bat | C | | | X | X | | | | |
| <i>Mormopterus lumsdenae</i> | Northern Free-tailed Bat | C | | X | X | X | | X | | |
| <i>Mormopterus ridei</i> | Eastern Free-tailed Bat | C | | | | X | | | | |
| <i>Miniopterus australis</i> | Little Bentwing-bat | C | | X | | X | | X | | |
| <i>Miniopterus orianae oceanensis</i> | Common Bentwing-bat (Eastern Form) | C | | X | | X | | X | | |
| <i>Chalinolobus gouldii</i> | Gould's Wattled Bat | C | | X | X | X | | X | | |
| <i>Chalinolobus morio</i> | Chocolate Wattled Bat | C | | | | X | | | | |
| <i>Chalinolobus nigrogriseus</i> | Hoary Wattled Bat | C | | X | X | X | | X | | |
| <i>Chalinolobus picatus</i> | Little Pied Bat | C | | X | | X | | X | | |
| <i>Nyctophilus sp.</i> | Long-eared Bat species | C | | X | X | X | | X | | |
| <i>Scotorepens balstoni</i> | Inland Broad-nosed Bat | C | | | X | | | | | |
| <i>Scotorepens greyii/sanborni</i> | Broad-nosed Bat species | C | | X | X | X | | X | | |
| <i>Vespadelus troughtoni</i> | Eastern Cave Bat | C | | X | X | X | | X | | |
| <i>Hydromys chrysogaster</i> | Water-rat | C | | X | X | | | X | | |
| <i>Mus musculus</i> | House Mouse | I | | X | X | X | | | | |
| <i>Pseudomys gracilicaudatus</i> | Eastern Chestnut Mouse | C | | X | | X | | | | |
| <i>Melomys cervinipes</i> | Fawn-footed Melomys | C | | X | | X | | | | |
| <i>Felis catus</i> | Cat | I | | | X | | X | X | X | |
| <i>Canis lupus dingo</i> | Dingo | | | | X | X | X | | | |
| <i>Oryctolagus cuniculus</i> | Rabbit | I | | X | X | | | X | | |
| <i>Sus scrofa</i> | Pig | I | | X | X | X | | X | X | X |

1. Status abbreviations: NC Act - I = Introduced, C = Least Concern, S = Special Least Concern, V = Vulnerable, and E = Endangered; EPBC Act - M = Migratory, V = Vulnerable, and E = Endangered, CE = Critically Endangered.

2. X denotes site data collected in 2011/2012 only.

3. Species collected by ALS Environmental during June 2011 aquatic ecology surveys.

Table 2 Results of fauna trapping surveys – February 2017.

| Trap site | Date range | Species name | Common name | Number of individuals |
|-----------|----------------|------------------------------------|--------------------------|-----------------------|
| Site 1 | 9-13 Feb 2017 | <i>Rhinella marina</i> | Cane Toad | 2 |
| | | <i>Heteronotia binoei</i> | Bynoe's Gecko | 5 |
| | | <i>Carlia vivax</i> | Lively Rainbow Skink | 1 |
| | | <i>Ctenotus taeniolatus</i> | Copper-tailed skink | 1 |
| | | <i>Lygisaurus foliorum</i> | Tree-base Litter Skink | 4 |
| | | <i>Pygmaeascincus timlowi</i> | Low's Pygmy Skink | 1 |
| Site 2 | 13-17 Mar 2015 | <i>Limnodynastes terraereginae</i> | Scarlet-sided Pobblebonk | 3 |
| | | <i>Rhinella marina</i> | Cane Toad | 1 |
| | | <i>Heteronotia binoei</i> | Bynoe's Gecko | 1 |
| | | <i>Cryptoblepharus pulcher</i> | Elegant Snake-eyed Skink | 1 |
| | | <i>Ctenotus taeniolatus</i> | Copper-tailed skink | 4 |
| | | <i>Morethia taeniopleura</i> | Fire-tailed Skink | 1 |
| Site 3 | 13-17 Mar 2015 | No captures | | |
| Site 4 | 13-17 Mar 2015 | <i>Glaphyromorphus punctulatus</i> | Fine-spotted Mulch-skink | 1 |
| | | <i>Cryptophis boschmai</i> | Carpentaria Snake | 1 |

Table 3 Results of camera trapping surveys - CDM Smith (collected 9-13 February 2017).

| Trap site | Species name | Common name | Number of individuals |
|----------------------|-------------------------------------|-----------------------|-----------------------------------|
| Camera 1 | <i>Rhinella marina</i> | Cane Toad | Multiple |
| | <i>Dacelo novaeguineae</i> | Laughing Kookaburra | 1 |
| | <i>Corcorax melanorhamphus</i> | White-winged Chough | 5 |
| | <i>Geophaps scripta scripta</i> | Squatter Pigeon | 2 |
| | <i>Bos taurus</i> | European Cattle | Multiple |
| | <i>Aepyprymnus rufescens</i> | Rufous Bettong | 1 individual on 2 nights |
| | <i>Macropus giganteus</i> | Eastern Grey Kangaroo | 1 |
| Camera 2 (Site 2) | No camera captures recorded at site | | |
| Camera 3 (Site 3) | <i>Macropus agilis</i> | Agile Wallaby | |
| Camera 4 | <i>Wallabia bicolor</i> | Swamp Wallaby | 1 individual on several occasions |
| | <i>Bos taurus</i> | European Cattle | Multiple |

Table 4 Combined results of camera/Elliott trapping surveys – ED Meyer (collected 21-25 March 2011).

| Species name | Common name | Number of individuals | | | |
|---------------------------|-----------------------------|-----------------------|--------|--------|--------|
| | | Site 1 | Site 2 | Site 3 | Site 4 |
| <i>Rhinella marina</i> | Cane Toad | 2 | 3 | 2 | 2 |
| <i>Litoria caerulea</i> | Green Treefrog | | 1 | | |
| <i>Corvus orru</i> | Torresian Crow | | 1 | 1 | 2 |
| <i>Bos taurus</i> | European Cattle | | | | |
| <i>Canis lupus dingo</i> | Dingo | 1 | | | 3 |
| <i>Felis catus</i> | Cat | | 1 | | |
| <i>Macropus agilis</i> | Agile Wallaby | 3 | 1 | 2 | |
| <i>Macropus giganteus</i> | Eastern Grey Kangaroo | | 1 | | |
| <i>Mus musculus</i> | House Mouse | | 5 | | |
| <i>Isodon macrourus</i> | Northern Brown Bandicoot | | 1 | | |
| <i>Rhinella marina</i> | Cane Toad | 2 | 3 | 2 | 2 |

Table 5 Combined results of camera/Elliott trapping* surveys – ED Meyer (collected 25-29 September 2011).

| Species name | Common name | Number of individuals | | | |
|------------------------------------|------------------------|-----------------------|--------|--------|--------|
| | | Site 1 | Site 2 | Site 3 | Site 4 |
| <i>Rhinella marina</i> | Cane Toad | 5 | | 2 | |
| <i>Litoria caerulea</i> | Green Treefrog | | | | 1 |
| <i>Limnodynastes tasmaniensis</i> | Spotted Grassfrog | 1 | | | 9 |
| <i>Corvus orru</i> | Torresian Crow | 1 | 1 | | |
| <i>Bos taurus</i> | European Cattle | 7 | | | |
| <i>Planigale maculata</i> | Common Planigale | | | 1 | 2 |
| <i>Wallabia bicolor</i> | Swamp Wallaby | | 1 | | |
| <i>Macropus agilis</i> | Agile Wallaby | 2 | | 1 | |
| <i>Macropus giganteus</i> | Eastern Grey Kangaroo | 2 | 1 | | |
| <i>Mus musculus</i> | House Mouse | 1 | | 2 | 4 |
| <i>Pseudomys gracilicaudatus</i> | Eastern Chestnut Mouse | 1 | | | |
| <i>Diporiphora australis</i> | Tommy Roundhead | 3 | 1 | | |
| <i>Demansia psammophis</i> | Yellow-faced Whipsnake | | 1 | 1 | |
| <i>Carlia pectoralis</i> | | | | | 1 |
| <i>Carlia munda</i> | | | 1 | 1 | |
| <i>Carlia schmeltzii</i> | | | | | 1 |
| <i>Cryptoblepharus metallicus</i> | | 3 | | | |
| <i>Eulamprus tenuis</i> | | | | 1 | |
| <i>Glaphyromorphus punctulatus</i> | | | | 1 | 2 |
| <i>Lygisarus foliorum</i> | | 3 | 12 | 4 | 1 |
| <i>Morethia taeniopleura</i> | | | 1 | | |

*Although not noted in source data the list is considered likely to also include results of pitfall trapping given presence of small reptile/frog species.