

Appendix H Fauna



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Appendix H Fauna

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Appendix H.1
Terrestrial Fauna Survey Methodology

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Appendix H.1

Terrestrial Fauna Survey Methodology

A single survey was undertaken within the study area between 12th and 15th April 2005. Standard biological survey techniques were used during field surveys, including a number of live capture/release trapping techniques, standard and general observational and habitat searches, as well as methods to indirectly detect the presence of terrestrial fauna. The survey focussed on terrestrial vertebrate taxa.

Live Capture/Release Trapping

Small mammals and reptiles were surveyed using live trapping methods, conducted under Queensland National Parks and Wildlife Service Permit Number ... and Animal Ethics Clearance No. Live capture/release methods included pitfall traps with drift fences.

Pitfall trap systems incorporated PVC buckets approximately 40 cm deep (18 l) with a plastic drift fence (5 m long x 0.4 m high). Pitfall trapping was undertaken at 6 sites (1 traps per site) and traps were operated over 4 nights (24 pitfall trap nights altogether). Pitfall traps were cleared of captures in the morning and late afternoon.

Bird Census

Diurnal birds were sampled using a point census method supplemented by broad observational surveys. Censuses were carried out in the early morning (in the first 3-4 hours after sunrise) due to variation in avian activity during the day. Twelve census points were located at least 100 m apart along transects at each site. During each census, birds seen and/or heard were counted and their distance from the observer noted over a ten minute period. An effort was made to avoid counting the same bird twice. Species flying overhead were not included in census data but were noted for analysis of species presence.

Additional bird species records were compiled incidentally, during spotlight survey and from vocalisations. Nocturnal species were recorded during spotlight surveys and identified from characteristic calls.

Microchiropteran Bat Call Detection

Microchiropteran bat echolocation calls were recorded using an ultrasonic bat call detector (Anabat II; Titley Electronics). Anabat detection was conducted from fixed points during spotlight survey. Echolocation call detection was undertaken at survey sites for a period of 30 minutes in the period between dusk and 9:00 pm, and at other sites opportunistically, especially in areas of observed bat activity, such as near water bodies. Dusk to dawn recordings were also made on three consecutive nights.

Active Searches

Active diurnal searching for reptiles, amphibians and small mammals included scanning of trees and ground, removal of cover such as rocks and fallen logs and peeling the bark from trees. Searches also focussed on locating and identifying tracks and traces such as nests, scats and tree scars. Large mammals were recorded when encountered during trapping, bird survey and spotlight survey, and along roads and tracks throughout the study area. Observations made of wildlife recorded outside of the main sampling sites were noted according to the habitat in which they were observed.

Appendix H.1

Terrestrial Fauna Survey Methodology

Spotlight Survey

Spotlighting on foot was undertaken at most sample sites and in other areas of representative habitat. Spotlighting from a slow moving vehicle using a high powered beam was undertaken along the main tracks of the study area.

Taxonomy and Nomenclature

Scientific nomenclature and some common names used in this report generally follow Stanger *et. al.* (1998) with the exception of recently published taxonomic revisions. Additional texts utilised for species identifications and ecological data include Cogger (2000) and Wilson (2005) for reptiles, Slater et al (1989) for birds, and Menkhorst & Knight (2001) for mammals.

Site locations were established by GPS readings and are presented in Table 1.

Table H.1.1 Trapping Site Locations

Pit Traps	1	2	3	4	5	6
AMG Easting (UTM56k)	226084	226463	226389	226332	225955	226020
AMG Northing (UTM56k)	7398882	7398869	7398883	7398993	7399000	7398932
Harp Traps	1	2	3			
AMG Easting (UTM56k)	226396	226463	234853			
AMG Northing (UTM56k)	7398885	7398869	7404742			
Bird Census Transects (start point)	1	2	3			
AMG Easting (UTM56k)	226082	226100	226313			
AMG Northing (UTM56k)	7398853	7398965	7398914			

Appendix H.2
Aquatic Fauna Survey Methodology

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Appendix H.2

Aquatic Fauna Survey Methodology

Detailed habitat descriptions were recorded at all sites where sampling was carried out. Parameters noted included: site location, turbidity, pH, conductivity, water temperature, depth (maximum and average in sampled area), width and length of sampled habitat, habitat class, bank incline, substrate type, stream flow, aquatic vegetation, bankside vegetation, weather and the current level of disturbance and land use.

Data on fish, mollusc and crustacean diversity were collected by a variety of netting and observation methods, depending on site characteristics. Two types of traps were used. Small, fine meshed ‘Gansel’ traps were set for small species, while larger yabby traps were set to target larger fish, crustaceans and turtles. Cast netting was used at most sites. The cast net was operated by one person, who threw the net from the bank into the stream. The net was thrown to a different location each cast. The cast net dimensions were 3.5 m diameter with 10 mm (knot to knot) mesh. All collected specimens were returned to the water following identification

Macroinvertebrate samples were collected using a standard 250-micron mesh dip net with a triangular aperture (250 mm x 250 mm x 250 mm). The substrate and submerged plants were disturbed in an up-and-down motion to dislodge macroinvertebrates for a period of 2 minutes over an area of 2 x 1m (as per Duivenvoorden and Roberts, 1998). A combination of short lateral sweeps and vertical lifts were applied in order to sample upper and lower macrophyte components and to dislodge organisms. Only one habitat type was sampled (macrophyte beds at 50-100 cm depth) as this was the only habitat type present and available for sampling at all sites during the 2005 field assessment.

Macroinvertebrate samples were preserved in 70% ethanol for later laboratory sorting. Following Duivenvoorden and Roberts (1998) each sample was divided into sub-samples and was sorted using a dissecting microscope and magnifying lamp until 300 individual invertebrates or the whole sample was sorted. In practice none of the samples were fully sorted, and sorting was stopped when 300 invertebrates had been removed. Invertebrates were then identified to family level using various appropriate taxonomic keys. Exceptions to family level identifications included Acarina and Oligochaeta. Microcrustacea were not considered in the counts and the Chironomidae were not identified to sub-family level.

Details of sampling effort at each site is presented in Table H.2.1.

Table H.2.1 Sampling Effort at Aquatic Sample Sites, April 2005

Site	1	2	4	6	7
Gansel traps	3 x 1 hr	3 x 1 hr	3 x 1 hr	3 x 1 hr	3 x 1 hr
Opera house traps	3 x 1 hr	3 x 1 hr	3 x 1 hr	3 x 1 hr	3 x 1 hr
Seine Drags	2	2	2	1	1
Cast net drags	2	2	6	2	5
Macroinvertebrate net	3 x samples	3 x samples	3 x samples	3 x samples	3 x samples
Spotlighting (min)	30		30	30	30

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Appendix H.3
Results of 2005 Survey

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Appendix H.3 - 2005 Survey Results

Common Name	Scientific Name	Method	Stanwell Plant Site	Old AMC Plant Site	Water Storages/Dams	Neerkol/Quarry Cks
AMPHIBIANS						
Ornate Burrowing Frog	<i>Limnodynastes ornatus</i>	Pitfall/Obs	x			x
Spotted Grass Frog	<i>Limnodynastes tasmaniensis</i>	Capture			x	
Superb Collared-frog	<i>Cyclorana brevipes</i>	Capture	x			
Green Tree Frog	<i>Litoria caerulea</i>	Capture	x			
Eastern Sedgefrog	<i>Litoria fallax</i>	Capture				x
Striped Rocket Frog	<i>Litoria nasuta</i>	Capture				x
Purple Treefrog	<i>Litoria rubella</i>	Pitfall	x			
Cane Toad	<i>Bufo marinus*</i>	Capture	x	x	x	x
Total Amphibians		8	5	1	2	4
REPTILES						
Kreffft's Turtle	<i>Emydura krefftii</i>	Capture				x
Wood gecko	<i>Diplodactylus steindachneri</i>	Capture	x			
Tree Dtella	<i>Gehyra dubia</i>	Capture	x			
Binoe's Gecko	<i>Heteronotia binoei</i>	Capture	x			
Zigzag Gecko	<i>Oedura rhombifer</i>	Capture	x			
Dragon	<i>Diporiphora australis</i>	Obs	x			
Eastern Water Dragon	<i>Physignathus lesuerii</i>	Obs				x
Bearded Dragon	<i>Pogona barbata</i>	Capture	x			x
Shaded-litter Rainbow-skink	<i>Carlia munda</i>	Pitfall/Obs	x			
Open-litter Rainbow-skink	<i>Carlia pectoralis</i>	Pitfall/Obs	x			
skink	<i>Carlia foliorum</i>	Pitfall	x			
Cream-striped Shinning-skink	<i>Cryptoblepharus virgatus</i>	Obs	x			
Skink	<i>Eulamprus brachysoma</i>	Obs				x
Eastern Water Skink	<i>Eulamprus quoyii</i>	Obs				x
Freshwater Snake	<i>Tropidonophis mairii</i>	Pitfall	x			
Lesser Black Whip Snake	<i>Demansia vestigiata</i>	Capture	x			
Total Reptiles		16	12	0	0	5

Common Name	Scientific Name	Method	Stanwell Plant Site	Old AMC Plant Site	Water Storages/Dams	Neerkol/Q uarry Cks
BIRDS						
Black Swan	<i>Cygnus atratus</i>	Obs				x
Plumed Whistling-duck	<i>Dendrocyna arcuata</i>	Obs			x	
Australian Wood Duck	<i>Chenonetta jubata</i>	Obs			x	
Pacific Black Duck	<i>Anas superciliosa</i>	Obs			x	x
Grey Teal	<i>Anas gracilis</i>	Obs			x	x
Hardhead	<i>Aythya australis</i>	Obs			x	
Hoary-headed Grebe	<i>Tachybaptus poliocephalus</i>	Obs			x	
Darter	<i>Anhinga melanogaster</i>	Obs			x	
Little Pied Cormorant	<i>Phalacrocorax melanoleucos</i>	Obs			x	x
Little Black Cormorant	<i>Phalacrocorax sulcirostris</i>	Obs			x	
Great Cormorant	<i>Phalacrocorax carbo</i>	Obs			x	
White-faced Heron	<i>Ardea novaehollandiae</i>	Obs			x	
Great Egret	<i>Ardea alba</i>	Obs			x	
Intermediate Egret	<i>Ardea intermedia</i>	Obs				x
Straw Necked Ibis	<i>Threskiornis spinicollis</i>	Obs				x
Black Kite	<i>Milvus migrans</i>	Obs	x			
Whistling Kite	<i>Haliastur sphenurus</i>	Obs				x
Brown Falcon	<i>Falco berigora</i>	Obs		x		
Dusky Moorhen	<i>Gallinula tenebrosa</i>	Obs				x
Black-winged Stilt	<i>Himantopus himantopus</i>	Obs			x	
Black-fronted Dotterel	<i>Elsayornis melanops</i>	Obs			x	
Masked Lapwing	<i>Vanellus miles</i>	Obs			x	
Crested Pigeon	<i>Ocyphaps lophotes</i>	Obs	x	x		
Squatter Pigeon	<i>Geophaps scripta</i>	Obs		x		
Peaceful Dove	<i>Geopelia placida</i>	Obs	x			
Galah	<i>Cacatua roseicapilla</i>	Obs	x		x	
Sulphur-crested Cockatoo	<i>Cacatua galerita</i>	Obs	x			
Rainbow Lorikeet	<i>Trichoglossus haemotodus</i>	Obs	x			
Pale-headed Rosella	<i>Platycercus adscitus</i>	Obs	x			
Channel-billed Cuckoo	<i>Scythrops novaehollandiae</i>	Obs	x			
Pheasant Coucal	<i>Centropus phasianinus</i>	Obs		x		x
Tawny Frogmouth	<i>Podargus strigoides</i>	Obs	x			
Laughing Kookaburra	<i>Dacelo novaeguineae</i>	Obs	x	x		
Sacred Kingfisher	<i>Todiramphus sanctus</i>	Obs	x			
Rainbow Bee-eater	<i>Merops ornatus</i>	Obs			x	
Striated Pardalote	<i>Pardalotus striatus</i>	Obs	x	x		x
Weebill	<i>Smicromnis brevirostris</i>	Obs	x			
White-throated Gerygone	<i>Gerygone olivacea</i>	Obs	x			
Noisy Miner	<i>Manorina melanocephala</i>	Obs	x	x		
Lewin's Honeyeater	<i>Meliphaga lewinii</i>	Obs				x
White-throated Honeyeater	<i>Melithreptus albogularis</i>	Obs	x			x
Magpie-lark	<i>Grallina cyanoleuca</i>	Obs			x	
Willie Wagtail	<i>Rhipidura leucophrys</i>	Obs	x	x		x
Spangled Drongo	<i>Dicrurus bracteatus</i>	Obs				x
Black-faced Cuckoo-shrike	<i>Coracina novaehollandiae</i>	Obs	x			
White-bellied Cuckoo-shrike	<i>Coracina papuensis</i>	Obs	x			
Figbird	<i>Sphecotheres viridus</i>	Obs				x
Black-faced Woodswallow	<i>Artamus cinereus</i>	Obs	x			
Pied Butcherbird	<i>Cracticus nigrogularis</i>	Obs	x	x		
Australian Magpie	<i>Gymnorhina tibicen</i>	Obs	x	x		x
Torresian Crow	<i>Corvus orru</i>	Obs	x	x		
Plum-headed Finch	<i>Neochmia modesta</i>	Obs		x		
Double-barred Finch	<i>Taeniopygia bichenovii</i>	Obs				x
Chestnut-breasted Mannikin	<i>Lonchura castaneothorax</i>	Obs				x
Mistletoebird	<i>Dicaeum hirundinaceum</i>	Obs	x			
Welcome Swallow	<i>Hirundo neoxena</i>	Obs	x			
Fairy Martin	<i>Hirundo ariel</i>	Obs	x	x		x
Total Birds		57	26	13	18	19

Common Name	Scientific Name	Method	Stanwell Plant Site	Old AMC Plant Site	Water Storages/Dams	Neerkol/Quarry Cks
MAMMALS						
Northern Brown Bandicoot	<i>Isoodon macrourus</i>	Diggings	x			
Agile Wallaby	<i>Macropus agilis</i>	Obs	x			
Eastern Grey Kangaroo	<i>Macropus giganteus</i>	Obs	x	x		
Whiptail Wallaby	<i>Macropus parryi</i>	Obs		x		
Black Flying-fox	<i>Pteropus alecto</i>	Dead on fence	x			
Eastern Horse-shoe Bat	<i>Rhinolophus megaphyllus</i>	Anabat	x			
Yellow-bellied Sheath-tail-bat	<i>Saccolaimus flaviventris</i>	Anabat	x		x	
Common Sheath-tail-bat	<i>Taphozous georgianus</i>	Anabat	x			
Northern Freetail-bat	<i>Chaerephon jobensis</i>	Anabat	x			
Eastern Freetail-bat	<i>Mormopterus</i> sp. 3 Adams <i>et al</i> 1988	Anabat			x	
Little Bentwing-bat	<i>Miniopterus australis</i>	Anabat	x		x	x
Common Bentwing-bat	<i>Miniopterus schreibersii oceanensis</i>	Anabat			x	x
Gould's Wattled Bat	<i>Chalinolobus gouldii</i>	Harp Trap/Anabat	x		x	
Little Broad-nosed Bat	<i>Scotorepens greyii/S. sp.</i>	Anabat	x		x	
A long-eared bat	<i>Nyctophilus</i> sp.	Anabat	x			
Troughtons Cave Bat	<i>Vespadelus troughtoni</i>	Anabat			x	
Fox	<i>Vulpes vulpes*</i>	tracks/scats	x	x		
Rabbit	<i>Oryctolagus cuniculus*</i>	Obs	x			
Total Mammals		18	14	3	7	2
* = introduced species						

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Appendix H.4
Trapping Program Method, Effort and Species

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Appendix H.4 - Trapping Program Method, Effort and Species

Method, Effort and Species	No. Individuals
Pitfall Trapping (6 x 4 nights = 24 trap/nights)	
<i>Limnodynastes ornatus</i>	1
<i>Cyclorana brevipes</i>	1
<i>Litoria rubella</i>	1
<i>Diplodactylus steindachneri</i>	1
<i>Carlia foliorum</i>	1
<i>Carlia pectoralis</i>	2
<i>Carlia munda</i>	1
<i>Tropidonophis mairii</i>	1
Harp Trap (2 x traps x 4 nights = 8 trap/nights)	
<i>Chalinolobus gouldii</i>	1
Anabat Recordings	
- during nocturnal searches ~ 2 hrs	
- at aquatic sites ~30 mins per site	
- 2 x o-night remote bat detection within the plant site	
- 1 x o-night remote bat detection on creek within the AMC site	
<i>Rhinolophus megaphyllus</i>	x
<i>Saccolaimus flaviventris</i>	x
<i>Taphozous georgianus</i>	x
<i>Chaerephon jobensis</i>	x
<i>Mormopterus</i> sp. 3 Adams <i>et al</i> 1988	x
<i>Miniopterus australis</i>	x
<i>Miniopterus schreibersii oceanensis</i>	x
<i>Chalinolobus gouldii</i>	x
<i>Scotorepens greyii/S. sp.</i>	x
<i>Nyctophilus</i> sp.	x
<i>Vespadelus troughtoni</i>	x
	x
Spotlighting plant site & aquatic habitats	
- 12/4/05 - plant site - 2 hrs	
- 13/4/05 - plant site - 1.5 hrs	
- 14/4/05 - aquatic sites - 1.5 hrs	
<i>Bufo marinus</i>	20+
<i>Litoria caerulea</i>	1
<i>Limnodynastes salmini</i>	1
<i>Limnodynastes ornatus</i>	1
<i>Litoria nasuta</i>	1
<i>Carlia pectoralis</i>	2
<i>Heteronotia binoei</i>	1
<i>Emydura krefftii</i>	1
<i>Podargus strigoides</i>	2
<i>Oryctolagus cuniculus</i>	4

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Appendix H.5
Results of Previous Surveys

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Appendix H.5 - Results of Previous Surveys

		Houston et al (1984)	Dames & Moore (1999)
AMPHIBIANS			
Ornate Burrowing Frog	<i>Limnodynastes ornatus</i>	x	
Striped Marsh Frog	<i>Limnodynastes peronii</i>	x	
Spotted Grass Frog	<i>Limnodynastes tasmaniensis</i>	x	
Northern Banjo Frog	<i>Limnodynastes terraereginae</i>	x	
Green Treefrog	<i>Cyclorana brevipes</i>	x	
Green Treefrog	<i>Litoria caerulea</i>	x	
Eastern Sedgefrog	<i>Litoria fallax</i>	x	x
Bumpy Rocket Frog	<i>Litoria inermis</i>	x	
Broad-palmed Rocket Frog	<i>Litoria latopalmeta</i>	x	
Red-eyed Treefrog	<i>Litoria rothii</i>	x	
Purple Treefrog	<i>Litoria rubella</i>	x	
Cane Toad	<i>Bufo marinus</i> ^x	x	x
Total Amphibians	12		
REPTILES			
Turtle	<i>Emydura krefftii</i>	x	
Wood Gecko	<i>Diplodactylus vittatus</i>	x	
Wood gecko	<i>Diplodactylus steindacneri</i>		x
Gecko	<i>Gehyra catenata</i>	x	
Tree Dtella	<i>Gehyra dubia</i>	x	
Binoe's Gecko	<i>Heteronotia binoei</i>	x	x
Zigzag Gecko	<i>Oedura rhombifer</i>	x	x
Southern Spotted Velvet Gecko	<i>Oedura ocellata</i>	x	
a legless lizard	<i>Delma tincta</i>	x	
Brigalow Scaly-foot	<i>Paradelma orientalis</i>	x	
Dragon	<i>Diporiphora australis</i>	x	
Eastern Water Dragon	<i>Physignathus lesuerii</i>	x	
Bearded Dragon	<i>Pogona barbata</i>	x	
Spotted Tree Monitor	<i>Varanus tristis</i>	x	
a burrowing skink	<i>Anomalopus brevicollis</i>	x	
Jewel Skink	<i>Carlia munda</i>	x	x
Jewel Skink	<i>Carlia pectoralis</i>	x	x
Jewel Skink	<i>Carlia schmeltzii</i>	x	
Lively Skink	<i>Carlia vivax</i>	x	
a terrestrial skink	<i>Carlia mundivensis</i>	x	
a wall skink	<i>Cryptoblepharus plagiocephalus</i>	x	x
Wall Skink	<i>Cryptoblepharus virgatus</i>	x	x
a terrestrial skink	<i>Ctenotus robustus</i>	x	
Copper-tailed Skink	<i>Ctenotus taeniolatus</i>	x	x
Skink	<i>Eulamprus brachysoma</i>	x	
Skink	<i>Eulamprus tenuis</i>	x	
a fossorial skink	<i>Glaphyromorphus punctulatus</i>	x	
a fossorial skink	<i>Lerista fragilis</i>	x	
Skink	<i>Lygisaurus foliorum</i>	x	
a terrestrial skink	<i>Menetia greyii</i>	x	
a terrestrial skink	<i>Menetia timlowi</i>	x	
Fire-tailed Skink	<i>Morethia taeniopleura</i>	x	x
a blind snake	<i>Ramphotyphlops sp.</i>	x	
a blind snake	<i>Ramphotyphlops wiedii</i>	x	
Brown Tree Snake	<i>Boiga irregularis</i>	x	
Common Tree Snake	<i>Dendrelaphis punctulata</i>	x	
Freshwater Snake	<i>Tropidonophis mairii</i>	x	
Yellow-faced Whip Snake	<i>Demansia psammophis</i>	x	
Red-naped Snake	<i>Furina diadema</i>	x	
Orange-naped Snake	<i>Furina ornata</i>	x	
Eastern Brown Snake	<i>Pseudoaja textilis</i>	x	
TOTAL REPTILES	41		

		Houston et al (1984)	Dames & Moore (1999)
BIRDS			
Australian Brush-turkey	<i>Alectura lathamii</i>	X	
Stubble Quail	<i>Coturnix pectoralis</i>	X	
Brown Quail	<i>Coturnix ypsilophora</i>	X	X
Black Swan	<i>Cygnus atratus</i>	X	X
Australian Wood Duck	<i>Chenonetta jubata</i>	X	X
Pacific Black Duck	<i>Anas superciliosa</i>	X	X
Grey Teal	<i>Anas gracilis</i>	X	
Hardhead	<i>Aythya australis</i>	X	
Australasian Grebe	<i>Tachybaptus novaehollandiae</i>	X	X
Darter	<i>Anhinga melanogaster</i>	X	X
Little Pied Cormorant	<i>Phalacrocorax melanoleucos</i>	X	X
Little Black Cormorant	<i>Phalacrocorax sulcirostris</i>	X	
Australian Pelican	<i>Pelicanus conspicillatus</i>	X	
White-faced Heron	<i>Ardea novaehollandiae</i>	X	X
Great Egret	<i>Ardea alba</i>	X	X
Cattle Egret	<i>Ardea ibis</i>		X
Australian White Ibis	<i>Threskiornis molucca</i>	X	
Royal Spoonbill	<i>Platalea regia</i>	X	
Black-shouldered Kite	<i>Elanus axillaris</i>	X	
Black Kite	<i>Milvus migrans</i>		X
Whistling Kite	<i>Haliastur sphenurus</i>	X	X
Brahminy Kite	<i>Haliastur indus</i>	X	
White-breasted Sea-eagle	<i>Haliaeetus leucogaster</i>	X	X
Brown Goshawk	<i>Accipiter fasciatus</i>	X	
Wedge-tailed Eagle	<i>Aquila audax</i>	X	
Little Eagle	<i>Hieraaetus morphoides</i>	X	
Brown Falcon	<i>Falco berigora</i>	X	X
Black Falcon	<i>Falco subniger</i>	X	
Perigrine Falcon	<i>Falco peregrinus</i>	X	
Nankeen Kestrel	<i>Falco cenchroides</i>	X	X
Purple Swamphen	<i>Porphyrio porphyrio</i>	X	
Dusky Moorhen	<i>Gallinula tenebrosa</i>	X	X
Eurasian Coot	<i>Fulica atra</i>		X
Kori (Aust.) Bustard	<i>Ardeotis kori</i>		X
Red-chested Button-quail	<i>Turnix pyrrhoxax</i>	X	
Black-winged Stilt	<i>Himantopus himantopus</i>	X	
Bush Stone-curlew	<i>Burhinus grallarius</i>	X	X
Black-fronted Dotterel	<i>Elseyaornis melanops</i>	X	
Red Kneed Dotterel	<i>Erythronyx cinctus</i>	X	X
Masked Lapwing	<i>Vanellus miles</i>		X
Spotted Turtle-dove	<i>Streptopelia chinensis</i>		X
Crested Pigeon	<i>Ocyphaps lophotes</i>	X	X
Squatter Pigeon	<i>Geophaps scripta</i>	X	X
Peaceful Dove	<i>Geopelia placida</i>	X	X
Bar-shouldered Dove	<i>Geopelia humeralis</i>		X
Red-tailed Black Cockatoo	<i>Calyptorhynchus banksii</i>		X
Sulphur-crested Cockatoo	<i>Cacatua galerita</i>	X	X
Cockatiel	<i>Nymphicus hollandicus</i>	X	
Rainbow Lorikeet	<i>Trichoglossus haemotodus</i>	X	X
Scaly-breasted Lorikeet	<i>Trichoglossus chlorolepidotus</i>	X	X
Red-winged Parrot	<i>Aprosmictus erythropterus</i>	X	X
Pale-headed Rosella	<i>Platycercus adscitus</i>	X	X
Pallid Cuckoo	<i>Cuculus pallidus</i>	X	
Fan-tailed Cuckoo	<i>Cacomantis flabelliformis</i>	X	X
Shining Bronze-Cuckoo	<i>Chrysococcyx lucidus</i>		X
Horsfield's Bronze-Cuckoo	<i>Chrysococcyx basalis</i>	X	
Channel-billed Cuckoo	<i>Scythrops novaehollandiae</i>		X
Pheasant Coucal	<i>Centropus phasianinus</i>	X	X
Powerful Owl	<i>Ninox strenua</i>	X	

		Houston et al (1984)	Dames & Moore (1999)
Southern Boobook Owl	<i>Ninox novaeseelandiae</i>	x	x
Tawny Frogmouth	<i>Podargus strigoides</i>	x	x
Azure Kingfisher	<i>Alcedo azurea</i>		x
White-throated Nightjar	<i>Caprimulgus mysticalis</i>		x
Laughing Kookaburra	<i>Dacelo novaeguineae</i>	x	x
Blue-winged Kookaburra	<i>Dacelo leachii</i>		x
Sacred Kingfisher	<i>Todiramphus sanctus</i>		x
Forest Kingfisher	<i>Todiramphus macleayi</i>	x	
Rainbow Bee-eater	<i>Merops ornatus</i>	x	x
Variiegated Fairy-wren	<i>Malurus lamberti</i>	x	
Red-backed Fairy-wren	<i>Malurus melanocephalus</i>	x	x
Striated Pardalote	<i>Pardolotus striatus</i>	x	x
Spotted Pardalote	<i>Pardolotus punctatus</i>	x	
Weebill	<i>Smicromnis brevirostris</i>		x
White-browed Scrubwren	<i>Sericornis frontalis</i>	x	
White-throated Gerygone	<i>Gerygone olivacea</i>	x	
Noisy Friarbird	<i>Philemon corniculatus</i>	x	x
Little Friarbird	<i>Philemon citreogularis</i>	x	x
Blue-faced Honeyeater	<i>Entomyzon cyanotis</i>	x	
Noisy Miner	<i>Manorina melanocephala</i>	x	x
Lewin's Honeyeater	<i>Meliphaga lewinii</i>	x	x
White-throated Honeyeater	<i>Melithreptus albogularis</i>	x	x
Brown Honeyeater	<i>Lichmera indistincta</i>	x	x
Scarlet Honeyeater	<i>Myzomela sanguinolenta</i>	x	x
Eastern Yellow Robin	<i>Eopsaltria australis</i>	x	
Grey-crowned Babbler	<i>Pomatostomas temporalis</i>	x	x
Varied Sittella	<i>Daphoenositta chrysoptera</i>	x	
Golden Whistler	<i>Pachycephala pectoralis</i>	x	
Rufous Whistler	<i>Pachycephala rufiventris</i>	x	x
Little Shrike-thrush	<i>Colluricincla megarhyncha</i>	x	
Grey Shrike-thrush	<i>Colluricincla harmonica</i>	x	
Leaden Flycatcher	<i>Myiagra rubecula</i>	x	
Restless Flycatcher	<i>Myiagra inquieta</i>	x	x
Willie Wagtail	<i>Rhipidura leucophrys</i>		x
Magpie-lark	<i>Grallina cyanoleuca</i>	x	x
Rufous Fantail	<i>Rhipidura rufifrons</i>	x	
Grey Fantail	<i>Rhipidura fuliginosa</i>	x	x
Willie Wagtail	<i>Rhipidura leucophrys</i>	x	x
Spangled Drongo	<i>Dicrurus bracteatus</i>	x	
Black-faced Cuckoo-shrike	<i>Coracina novaehollandiae</i>	x	x
White-bellied Cuckoo-shrike	<i>Coracina papuensis</i>	x	
Cicadabird	<i>Coracina tenuirostris</i>	x	
Varied Triller	<i>Lalage leucomela</i>	x	
Olive-backed Oriole	<i>Oriolus sagittatus</i>	x	x
Figbird	<i>Sphecotheres viridus</i>	x	x
White-breasted Woodswallow	<i>Artamus leucorhynchus</i>	x	
Masked Woodswallow	<i>Artamus personatus</i>	x	
Black-faced Woodswallow	<i>Artamus cinereus</i>	x	
Pied Butcherbird	<i>Cracticus nigrogularis</i>	x	x
Australian Magpie	<i>Gymnorhina tibicen</i>	x	x
Pied Currawong	<i>Strepera graculina</i>	x	x
Torresian Crow	<i>Corvus orru</i>	x	x
White-winged Chough	<i>Corcorax melanorhamphos</i>	x	x
Singing Bushlark	<i>Mirafra javanica</i>	x	
Richard's Pipit	<i>Anthus novaeseelandiae</i>	x	x
Zebra Finch	<i>Taeniopygia guttata</i>	x	
Double-barred Finch	<i>Taeniopygia bichenovii</i>	x	x
Chestnut-breasted Mannikin	<i>Lonchura castaneothorax</i>	x	x
House Sparrow	<i>Passer domesticus</i> ^x	x	
Mistletoebird	<i>Dicaeum hirundinaceum</i>		x
Welcome Swallow	<i>Hirundo neoxena</i>	x	x

		Houston et al (1984)	Dames & Moore (1999)
Tree Martin	<i>Hirundo nigricans</i>		x
Fairy Martin	<i>Hirundo ariel</i>	x	
Clamrous Reed-warbler	<i>Acrocephalus stentoreus</i>	x	
Golden-headed Cisticola	<i>Cisticola exilis</i>	x	x
Silvereye	<i>Zosterops lateralis</i>	x	x
Total Birds	125		
MAMMALS			
Short-beaked Echidna	<i>Tachyglossus aculeatus</i>	x	
Common Planigale	<i>Planigale maculata</i>	x	
Northern Brown Bandicoot	<i>Isoodon macrourus</i>	x	
Sugar Glider	<i>Petaurus breviceps</i>	x	
Squirrel Glider	<i>Petaurus norfolcensis</i>	x	
Greater Glider	<i>Petauroides volans</i>	x	
Common Brushtail Possum	<i>Trichosurus vulpecula</i>	x	x
Rufous Bettong	<i>Aepyprymnus rufescens</i>	x	x
Agile Wallaby	<i>Macropus agilis</i>	x	x
Black-striped Wallaby	<i>Macropus dorsalis</i>	x	
Eastern Grey Kangaroo	<i>Macropus giganteus</i>	x	x
Whiptail Wallaby	<i>Macropus parryi</i>	x	x
Swamp Wallaby	<i>Wallabia bicolor</i>	x	
Little Bentwing-bat	<i>Miniopterus australis</i>		x
Common Bentwing-bat	<i>Miniopterus schreibersii</i>		x
Gould's Wattled Bat	<i>Chalinolobus gouldii</i>	x	x
Chocolate Wattled Bat	<i>Chalinolobus morio</i>		x
Hoary Wattled Bat/broad nosed bat	<i>Chalinolobus nigrogriseus/ Scotorepens s p</i>		x
Myotis Bat	<i>Myotis sp</i>		x
Grassland Melomys	<i>Melomys burtoni</i>		x
House Mouse	<i>Mus musculus^x</i>	x	
Delicate Mouse	<i>Psuedomys delicatulus</i>	x	
Water Rat	<i>Hydromys chrysogaster</i>		x
Dingo	<i>Canis lupus dingo</i>	x	
Dog	<i>Canis familiaris^x</i>	x	x
Cat	<i>Felis catus^x</i>	x	x
Rabbit	<i>Oryctolagus cuniculus^x</i>	x	x
Cattle	<i>Bos taurus</i>		x
Total Mammals	28		

Appendix H

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