

## **A baseline survey of birds in native vegetation on cotton farms in inland eastern Australia**

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**Table S1. Rainfall and temperature data for each of the four cotton-growing zones (Commonwealth of Australia 2015)**

	Zone							
	Central Qld		Border Rivers		Macquarie		Southern NSW	
Weather station (rainfall)	Emerald Airport	Carinya	Yamburgan	North Star (Wolonga)	Warren (Mumblebone)	Dandaloo (Kelvin)	Gunbar (Kelvin Grove)	Hillston (Aldinga)
Mean annual rainfall (mm)	553	759	453	645	444	493	310	413
Mean summer rainfall (mm)	12	19	1	8	0.5	2	3	1
5% percentile								
95% percentile	191	264	170	177	137	147	66	112
Mean winter rainfall (mm)	0.3	0.1	0	3	1	4	8	2
5% percentile								
95% percentile	67	97	83	77	84	85	53	71
Rainfall dominance	Summer	Summer	Summer	Summer	Even	Even	Winter	Winter
Weather station (temperature)	Emerald Airport	Baralaba Post Office	St George Airport	Goondiwindi Post Office	Trangie Post Office		Lake Cargelligo	Hillston
Mean minimum July temp (°C)	8.9	7.4	4.2	4.8	3.5		3.4	3.8
Mean maximum January temp (°C)	34.4	34.3	35.5	34.1	34.2		34.1	33.8

**Reference**

Commonwealth of Australia (2015). 'Climate Data Online.' (Australian Government Bureau of Meteorology: Canberra.) Available at <http://www.bom.gov.au/climate/data/> [Verified 8 April 2019].

**Table S2. Bird species status, frequency and abundance in quadrats and sites (n = 197)**

Species tally	Landbird (L) or waterbird (W)	Common name	Scientific name	Family	Conservation status‡	Quadrat sample frequency (n = 197)	Site sample frequency (n = 197)	Ave. quadrat abundance**	Ave. site abundance***
1	L	Emu	<i>Dromaius novaehollandiae</i>	Casuariidae	D	0%	4%	0.0	0.9
2	L	Brown quail	<i>Coturnix ypsilophora</i>	Phasianidae	LC	1%	1%	1.0	1.0
3	W	Plumed whistling-duck	<i>Dendrocygna eytoni</i>	Anatidae	LC	0%	1%	0.0	10.0
4	W	Australian wood duck	<i>Chenonetta jubata</i>	Anatidae	LC	2%	10%	1.4	4.3
5	W	Pink-eared duck	<i>Malacorhynchus membranaceus</i>	Anatidae	LC	0%	1%	0.0	1.5
6	W	Australasian shoveler	<i>Anas rhynchos</i>	Anatidae	LC	0%	1%	0.0	0.5
7	W	Grey teal	<i>Anas gracilis</i>	Anatidae	LC	1%	7%	1.3	3.0
8	W	Pacific black duck	<i>Anas superciliosa</i>	Anatidae	LC	6%	25%	1.8	2.7
9	W	Hardhead	<i>Aythya australis</i>	Anatidae	LC	0%	1%	0.0	0.5
10	W	Australasian grebe	<i>Tachybaptus novaehollandiae</i>	Podicipedidae	LC	0%	1%	0.0	0.5
11	L	Rock dove*	<i>Columba livia</i>	Columbidae	LC	1%	4%	2.3	1.4
12	L	Common bronzewing	<i>Phaps chalcoptera</i>	Columbidae	LC	2%	5%	0.7	0.7
13	L	Crested pigeon	<i>Ocyphaps lophotes</i>	Columbidae	LC	56%	75%	1.8	1.8
14	L	Diamond dove	<i>Geopelia cuneata</i>	Columbidae	LC	0%	1%	0.0	0.5
15	L	Peaceful dove	<i>Geopelia striata</i>	Columbidae	LC	14%	35%	1.1	1.1
16	L	Bar-shouldered dove	<i>Geopelia humeralis</i>	Columbidae	LC	5%	16%	0.8	0.6
17	L	Australian owl-nightjar†	<i>Aegotheles cristatus</i>	Aegothelidae	LC	1%	3%	0.5	0.5
18	W	Australasian darter	<i>Anhinga novaehollandiae</i>	Anhingidae	LC	2%	6%	0.7	0.8
19	W	Little pied cormorant	<i>Microcarbo melanoleucos</i>	Phalacrocoracidae	LC	0%	2%	0.0	0.5
20	W	Great cormorant	<i>Phalacrocorax carbo</i>	Phalacrocoracidae	LC	0%	8%	0.0	0.8
21	W	Little black cormorant	<i>Phalacrocorax sulcirostris</i>	Phalacrocoracidae	LC	0%	3%	0.0	0.7
22	W	Pied cormorant	<i>Phalacrocorax varius</i>	Phalacrocoracidae	LC	1%	5%	0.5	0.8
23	W	Australian pelican	<i>Pelecanus conspicillatus</i>	Pelecanidae	LC	2%	9%	1.1	1.9
24	W	White-necked heron	<i>Ardea pacifica</i>	Ardeidae	LC	0%	2%	0.0	1.4
25	W	Eastern great egret	<i>Ardea modesta</i>	Ardeidae	LC	1%	6%	0.5	1.2
26	W	White-faced heron	<i>Egretta novaehollandiae</i>	Ardeidae	LC	2%	10%	1.4	0.9
27	W	Nankeen night-heron	<i>Nycticorax caledonicus</i>	Ardeidae	LC	2%	2%	0.9	0.9
28	W	Australian white ibis	<i>Threskiornis molucca</i>	Threskiornithidae	LC	1%	2%	0.5	0.8
29	W	Straw-necked ibis	<i>Threskiornis spinicollis</i>	Threskiornithidae	LC	1%	3%	3.5	4.1
30	W	Royal spoonbill	<i>Platalea regia</i>	Threskiornithidae	LC	0%	2%	0.0	0.8
31	W	Yellow-billed spoonbill	<i>Platalea flavipes</i>	Threskiornithidae	LC	1%	6%	1.0	0.7
32	L	Black-shouldered kite	<i>Elanus axillaris</i>	Accipitridae	LC	3%	5%	0.9	0.9
33	L	Pacific baza	<i>Aviceda subcristata</i>	Accipitridae	LC	1%	1%	0.5	0.5

34	L	White-bellied sea-eagle	<i>Haliaeetus leucogaster</i>	Accipitridae	LC	1%	3%	0.5	0.5
35	L	Whistling kite	<i>Haliastur sphenurus</i>	Accipitridae	LC	11%	24%	0.9	0.8
36	L	Black kite	<i>Milvus migrans</i>	Accipitridae	LC	9%	14%	0.9	1.1
37	L	Brown goshawk	<i>Accipiter fasciatus</i>	Accipitridae	LC	1%	1%	1.0	1.5
38	L	Collared sparrowhawk	<i>Accipiter cirrocephalus</i>	Accipitridae	LC	1%	1%	0.5	0.5
39	L	Spotted harrier	<i>Circus assimilis</i>	Accipitridae	V	1%	1%	0.5	0.5
40	L	Wedge-tailed eagle	<i>Aquila audax</i>	Accipitridae	LC	2%	6%	0.7	0.7
41	L	Little eagle	<i>Hieraaetus morphnoides</i>	Accipitridae	V	0%	1%	0.0	0.5
42	L	Nankeen kestrel	<i>Falco cenchroides</i>	Falconidae	LC	12%	25%	0.6	0.7
43	L	Brown falcon	<i>Falco berigora</i>	Falconidae	LC	2%	4%	0.5	0.7
44	L	Australian hobby	<i>Falco longipennis</i>	Falconidae	LC	4%	5%	0.5	0.5
45	L	Black falcon	<i>Falco subniger</i>	Falconidae	V	1%	1%	0.5	0.5
46	L	Peregrine falcon	<i>Falco peregrinus</i>	Falconidae	LC	0%	1%	0.0	0.5
47	W	Brolga	<i>Grus rubicunda</i>	Gruidae	V	0%	7%	0.0	1.6
48	W	Eurasian coot	<i>Fulica atra</i>	Rallidae	LC	0%	1%	0.0	0.5
49	L	Australian bustard	<i>Ardeotis australis</i>	Otididae	E	0%	1%	0.0	0.5
50	W	Red-necked avocet	<i>Recurvirostra novaehollandiae</i>	Recurvirostridae	LC	0%	1%	0.0	0.5
51	W	Black-fronted dotterel	<i>Euseyornis melanops</i>	Charadriidae	LC	2%	6%	0.8	0.6
52	L	Banded lapwing	<i>Vanellus tricolor</i>	Charadriidae	LC	0%	2%	0.0	0.5
53	W	Masked lapwing	<i>Vanellus miles</i>	Charadriidae	LC	0%	7%	0.0	0.6
54	L	Australian pratincole	<i>Stiltia isabella</i>	Glareolidae	LC	0%	2%	0.0	0.7
55	W	Caspian tern	<i>Hydroprogne caspia</i>	Laridae	LC	0%	1%	0.0	0.5
56	W	Whiskered tern	<i>Chlidonias hybrida</i>	Laridae	LC	0%	2%	0.0	4.8
57	W	Silver gull	<i>Chroicocephalus novaehollandiae</i>	Laridae	LC	0%	1%	0.0	0.5
58	L	Major Mitchell's cockatoo	<i>Lophochroa leadbeateri</i>	Cacatuidae	V	0%	2%	0.0	0.5
59	L	Galah	<i>Eolophus roseicapillus</i>	Cacatuidae	LC	34%	83%	2.9	2.8
60	L	Little corella	<i>Cacatua sanguinea</i>	Cacatuidae	LC	4%	14%	2.9	2.4
61	L	Sulphur-crested cockatoo	<i>Cacatua galerita</i>	Cacatuidae	LC	24%	57%	4.0	2.6
62	L	Cockatiel	<i>Nymphicus hollandicus</i>	Cacatuidae	LC	7%	51%	1.5	1.5
63	L	Rainbow lorikeet	<i>Trichoglossus haematodus</i>	Psittacidae	LC	1%	6%	1.8	1.4
64	L	Scaly-breasted lorikeet	<i>Trichoglossus chlorolepidotus</i>	Psittacidae	LC	1%	1%	1.0	1.5
65	L	Musk lorikeet	<i>Glossopsitta concinna</i>	Psittacidae	LC	2%	4%	7.4	6.8
66	L	Little lorikeet	<i>Glossopsitta pusilla</i>	Psittacidae	V	0%	1%	0.0	2.0
67	L	Australian king-parrot	<i>Alisterus scapularis</i>	Psittacidae	LC	1%	1%	1.0	0.8
68	L	Red-winged parrot	<i>Aprosmictus erythropterus</i>	Psittacidae	LC	8%	17%	0.9	1.0
69	L	Superb parrot	<i>Polytelis swainsonii</i>	Psittacidae	VN	3%	5%	9.7	6.7
70	L	Yellow rosella	<i>Platycercus elegans</i>	Psittacidae	LC	1%	1%	3.0	4.0
71	L	Eastern rosella	<i>Platycercus eximius</i>	Psittacidae	LC	10%	13%	2.2	1.8
72	L	Pale-headed rosella	<i>Platycercus adscitus</i>	Psittacidae	LC	14%	22%	1.0	1.0
73	L	Australian ringneck	<i>Barnardius zonarius</i>	Psittacidae	LC	11%	22%	1.5	1.3

74	L	Blue bonnet	<i>Northiella haematogaster</i>	Psittacidae	LC	18%	32%	3.1	2.4
75	L	Red-rumped parrot	<i>Psephotus haematonotus</i>	Psittacidae	LC	25%	50%	2.3	2.0
76	L	Budgerigar	<i>Melopsittacus undulatus</i>	Psittacidae	LC	1%	7%	1.0	1.1
77	L	Pheasant coucal	<i>Centropus phasianinus</i>	Cuculidae	LC	2%	9%	0.5	0.9
78	L	Channel-billed cuckoo	<i>Scythrops novaehollandiae</i>	Cuculidae	LC	1%	9%	1.0	0.7
79	L	Horsfield's bronze-cuckoo	<i>Chalcites basalis</i>	Cuculidae	LC	6%	12%	0.5	0.6
80	L	Black-eared cuckoo	<i>Chalcites osculans</i>	Cuculidae	LC	0%	1%	0.0	0.5
81	L	Shining bronze-cuckoo	<i>Chalcites lucidus</i>	Cuculidae	LC	1%	1%	0.5	1.0
82	L	Little bronze-cuckoo	<i>Chalcites minutillus</i>	Cuculidae	LC	1%	2%	0.5	0.5
83	L	Pallid cuckoo	<i>Cacomantis pallidus</i>	Cuculidae	LC	1%	4%	0.5	0.7
84	L	Southern boobook†	<i>Ninox novaeseelandiae</i>	Strigidae	LC	1%	1%	0.5	0.5
85	L	Laughing kookaburra	<i>Dacelo novaeguineae</i>	Halcyonidae	LC	12%	35%	0.8	1.1
86	L	Blue-winged kookaburra	<i>Dacelo leachii</i>	Halcyonidae	LC	1%	3%	0.5	0.8
87	L	Forest kingfisher	<i>Todiramphus macleayii</i>	Halcyonidae	LC	1%	1%	1.0	2.0
88	L	Sacred kingfisher	<i>Todiramphus sanctus</i>	Halcyonidae	LC	18%	31%	1.4	1.2
89	L	Rainbow bee-eater	<i>Merops ornatus</i>	Meropidae	LC	1%	8%	0.5	0.6
90	L	Dollarbird	<i>Eurystomus orientalis</i>	Coraciidae	LC	4%	10%	1.0	0.8
91	L	White-throated treecreeper	<i>Cormobates leucophaeus</i>	Climacteridae	LC	0%	1%	0.0	0.5
92	L	Brown treecreeper	<i>Climacteris picumnus</i>	Climacteridae	V, D	8%	15%	2.0	1.6
93	L	Spotted bowerbird	<i>Ptilonorhynchus maculatus</i>	Ptilonorhynchidae	LC	3%	4%	0.6	0.6
94	L	Superb fairy-wren	<i>Malurus cyaneus</i>	Maluridae	LC	18%	26%	4.7	3.8
95	L	Red-backed fairy-wren	<i>Malurus melanocephalus</i>	Maluridae	LC	6%	8%	3.0	3.0
96	L	White-winged fairy-wren	<i>Malurus leucopterus</i>	Maluridae	LC	8%	12%	3.0	2.7
97	L	Variegated fairy-wren	<i>Malurus lamberti</i>	Maluridae	LC	23%	29%	3.2	2.9
98	L	White-browed scrubwren	<i>Sericornis frontalis</i>	Acanthizidae	LC	1%	1%	4.0	4.0
99	L	Speckled warbler	<i>Chthonicola sagittata</i>	Acanthizidae	V, D	2%	2%	1.0	0.9
100	L	Weebill	<i>Smicrornis brevirostris</i>	Acanthizidae	LC	24%	34%	2.1	1.8
101	L	Western gerygone	<i>Gerygone fusca</i>	Acanthizidae	LC	7%	14%	1.1	0.9
102	L	White-throated gerygone	<i>Gerygone albogularis</i>	Acanthizidae	LC	3%	8%	0.9	0.7
103	L	Yellow thornbill	<i>Acanthiza nana</i>	Acanthizidae	LC	10%	12%	3.7	3.3
104	L	Yellow-rumped thornbill	<i>Acanthiza chrysorrhoa</i>	Acanthizidae	LC	11%	14%	2.4	2.1
105	L	Chestnut-rumped thornbill	<i>Acanthiza uropygialis</i>	Acanthizidae	D	5%	8%	3.2	2.2
106	L	Inland thornbill	<i>Acanthiza apicalis</i>	Acanthizidae	LC	2%	2%	2.5	2.5
107	L	Southern whiteface	<i>Aphelocephala leucopsis</i>	Acanthizidae	D	1%	1%	1.0	1.0
108	L	Spotted pardalote	<i>Pardalotus punctatus</i>	Pardalotidae	LC	1%	1%	0.5	0.5
109	L	Striated pardalote	<i>Pardalotus striatus</i>	Pardalotidae	LC	25%	34%	1.2	1.1
110	L	Lewin's honeyeater	<i>Meliphaga lewinii</i>	Meliphagidae	LC	0%	2%	0.0	0.5
111	L	Yellow-faced honeyeater	<i>Lichenostomus chrysops</i>	Meliphagidae	LC	0%	1%	0.0	0.5
112	L	Singing honeyeater	<i>Lichenostomus virescens</i>	Meliphagidae	LC	8%	13%	1.6	1.3
113	L	White-plumed honeyeater	<i>Lichenostomus penicillatus</i>	Meliphagidae	LC	28%	32%	4.6	4.2

114	L	White-fronted honeyeater	<i>Purnella albifrons</i>	Meliphagidae	LC	1%	1%	1.0	1.0
115	L	Noisy miner	<i>Manorina melanocephala</i>	Meliphagidae	LC	29%	36%	5.5	4.9
116	L	Yellow-throated miner	<i>Manorina flavigula</i>	Meliphagidae	LC	32%	45%	3.3	2.9
117	L	Spiny-cheeked honeyeater	<i>Acanthagenys rufogularis</i>	Meliphagidae	LC	11%	14%	1.2	1.2
118	L	Orange chat	<i>Epthianura aurifrons</i>	Meliphagidae	LC	0%	1%	0.0	0.5
119	L	White-fronted chat	<i>Epthianura albifrons</i>	Meliphagidae	LC	0%	1%	0.0	0.5
120	L	Brown honeyeater	<i>Lichmera indistincta</i>	Meliphagidae	LC	4%	6%	1.5	1.4
121	L	Black-chinned honeyeater	<i>Melithreptus gularis</i>	Meliphagidae	V	1%	1%	1.0	1.0
122	L	Brown-headed honeyeater	<i>Melithreptus brevirostris</i>	Meliphagidae	LC	1%	2%	1.5	1.5
123	L	White-throated honeyeater	<i>Melithreptus albugularis</i>	Meliphagidae	LC	3%	3%	2.7	2.9
124	L	Blue-faced honeyeater	<i>Entomyzon cyanotis</i>	Meliphagidae	LC	10%	16%	1.0	1.1
125	L	Noisy friarbird	<i>Philemon corniculatus</i>	Meliphagidae	LC	7%	10%	0.8	0.8
126	L	Little friarbird	<i>Philemon citreogularis</i>	Meliphagidae	LC	32%	42%	2.4	2.1
127	L	Striped honeyeater	<i>Plectorhyncha lanceolata</i>	Meliphagidae	LC	10%	22%	1.1	1.0
128	L	Painted honeyeater	<i>Grantiella picta</i>	Meliphagidae	VN	4%	5%	0.9	0.9
129	L	Grey-crowned babbler	<i>Pomatostomus temporalis</i>	Pomatostomidae	V, D	10%	27%	2.2	1.8
130	L	Varied sittella	<i>Daphoenositta chrysoptera</i>	Neosittidae	V, D	1%	1%	2.5	2.5
131	L	Ground cuckoo-shrike	<i>Coracina maxima</i>	Campephagidae	LC	1%	2%	0.5	1.2
132	L	Black-faced cuckoo-shrike	<i>Coracina novaehollandiae</i>	Campephagidae	LC	24%	46%	0.8	0.8
133	L	White-bellied cuckoo-shrike	<i>Coracina papuensis</i>	Campephagidae	LC	4%	6%	0.7	0.7
134	L	White-winged triller	<i>Lalage sueurii</i>	Campephagidae	LC	10%	20%	0.7	0.8
135	L	Crested shrike-tit	<i>Falcunculus frontatus</i>	Pachycephalidae	D	2%	4%	0.9	0.7
136	L	Golden whistler	<i>Pachycephala pectoralis</i>	Pachycephalidae	LC	1%	1%	0.5	0.5
137	L	Rufous whistler	<i>Pachycephala rufiventris</i>	Pachycephalidae	D	13%	21%	1.4	1.2
138	L	Grey shrike-thrush	<i>Colluricincla harmonica</i>	Pachycephalidae	LC	17%	31%	0.9	0.9
139	L	Crested bellbird	<i>Oreoica gutturalis</i>	Pachycephalidae	D	2%	8%	0.6	0.8
140	L	Australasian figbird	<i>Sphecotheres vieilloti</i>	Oriolidae	LC	1%	1%	0.5	1.0
141	L	Olive-backed oriole	<i>Oriolus sagittatus</i>	Oriolidae	LC	6%	12%	0.8	0.8
142	L	White-breasted woodswallow	<i>Artamus leucorhynchus</i>	Artamidae	LC	11%	15%	1.3	1.2
143	L	Masked woodswallow	<i>Artamus personatus</i>	Artamidae	LC	3%	6%	1.4	2.9
144	L	White-browed woodswallow	<i>Artamus superciliosus</i>	Artamidae	D	5%	10%	4.1	3.1
145	L	Black-faced woodswallow	<i>Artamus cinereus</i>	Artamidae	LC	1%	1%	2.5	2.0
146	L	Dusky woodswallow	<i>Artamus cyanopterus</i>	Artamidae	D	3%	4%	0.8	0.8
147	L	Grey butcherbird	<i>Cracticus torquatus</i>	Artamidae	LC	23%	60%	1.1	1.0
148	L	Pied butcherbird	<i>Cracticus nigrogularis</i>	Artamidae	LC	32%	75%	1.2	1.1
149	L	Australian magpie	<i>Cracticus tibicen</i>	Artamidae	LC	38%	82%	1.3	1.3
150	L	Pied currawong	<i>Strepera graculina</i>	Artamidae	LC	1%	1%	0.5	0.5
151	L	Spangled drongo	<i>Dicrurus bracteatus</i>	Dicruridae	LC	0%	1%	0.0	0.5
152	L	Rufous fantail	<i>Rhipidura rufifrons</i>	Rhipiduridae	LC	1%	1%	0.5	0.5
153	L	Grey fantail	<i>Rhipidura albiscapa</i>	Rhipiduridae	LC	4%	5%	0.9	0.9

154	L	Willie wagtail	<i>Rhipidura leucophrys</i>	Rhipiduridae	LC	32%	43%	1.8	1.6
155	L	Australian raven	<i>Corvus coronoides</i>	Corvidae	LC	21%	76%	1.1	1.1
156	L	Little raven	<i>Corvus mellori</i>	Corvidae	LC	3%	16%	0.8	1.6
157	L	Little crow	<i>Corvus bennetti</i>	Corvidae	LC	2%	4%	1.5	1.4
158	L	Torresian crow	<i>Corvus orru</i>	Corvidae	LC	8%	32%	0.9	1.1
159	L	Leaden flycatcher	<i>Myiagra rubecula</i>	Monarchidae	LC	1%	2%	0.8	0.9
160	L	Restless flycatcher	<i>Myiagra inquieta</i>	Monarchidae	D	7%	12%	0.8	0.8
161	L	Magpie-lark	<i>Grallina cyanoleuca</i>	Monarchidae	LC	35%	78%	1.3	1.3
162	L	White-winged chough	<i>Corcorax melanorhamphos</i>	Corcoracidae	LC	8%	16%	3.0	2.5
163	L	Apostlebird	<i>Struthidea cinerea</i>	Corcoracidae	LC	12%	34%	4.9	3.0
164	L	Jacky winter	<i>Microeca fascians</i>	Petroicidae	D	9%	20%	0.8	0.8
165	L	Red-capped robin	<i>Petroica goodenovii</i>	Petroicidae	D	2%	2%	0.7	0.7
166	L	Hooded robin	<i>Melanodryas cucullata</i>	Petroicidae	V, D	1%	1%	1.5	1.0
167	L	Eastern yellow robin	<i>Eopsaltria australis</i>	Petroicidae	D	3%	5%	1.4	1.2
168	L	Horsfield's bushlark	<i>Mirafrja javanica</i>	Alaudidae	LC	3%	6%	2.0	1.4
169	L	Golden-headed cisticola	<i>Cisticola exilis</i>	Cisticolidae	LC	1%	5%	2.0	0.9
170	L	Australian reed-warbler	<i>Acrocephalus australis</i>	Acrocephalidae	LC	0%	2%	0.0	1.0
171	L	Rufous songlark	<i>Cincloramphus mathewsi</i>	Megaluridae	LC	3%	5%	1.6	1.3
172	L	Brown songlark	<i>Cincloramphus cruralis</i>	Megaluridae	LC	0%	5%	0.0	0.7
173	L	Silvereye	<i>Zosterops lateralis</i>	Timaliidae	LC	3%	3%	4.7	4.3
174	L	White-backed swallow	<i>Cheramoeca leucosterna</i>	Hirundinidae	LC	0%	1%	0.0	0.5
175	L	Welcome swallow	<i>Hirundo neoxena</i>	Hirundinidae	LC	5%	9%	1.2	1.3
176	L	Fairy martin	<i>Petrochelidon ariel</i>	Hirundinidae	LC	8%	13%	2.5	2.2
177	L	Tree martin	<i>Petrochelidon nigricans</i>	Hirundinidae	LC	9%	11%	2.5	2.2
178	L	Common starling*	<i>Sturnus vulgaris</i>	Sturnidae	LC	6%	15%	3.4	3.1
179	L	Common myna*	<i>Sturnus tristis</i>	Sturnidae	LC	1%	4%	1.0	0.7
180	L	Mistletoebird	<i>Dicaeum hirundinaceum</i>	Nectariniidae	LC	24%	30%	1.5	1.3
181	L	Zebra finch	<i>Taeniopygia guttata</i>	Estrildidae	LC	4%	7%	2.9	2.2
182	L	Double-barred finch	<i>Taeniopygia bichenovii</i>	Estrildidae	LC	6%	7%	2.3	2.1
183	L	Red-browed finch	<i>Neochmia temporalis</i>	Estrildidae	LC	0%	1%	0.0	0.5
184	L	Chestnut-breasted mannikin	<i>Lonchura castaneothorax</i>	Estrildidae	LC	1%	1%	1.0	1.0
185	L	Australasian pipit	<i>Anthus novaeseelandiae</i>	Motacillidae	LC	4%	9%	0.8	0.7

\* Introduced species, \*\* Average number of birds per quadrat in only those quadrats in which the species was recorded, \*\*\* Average number of birds per site in only those sites in which the species was recorded, † Nocturnal species, ‡ Conservation status: D: Declining (Reid 1999); E, Endangered in NSW; LC, Least concern; V: Vulnerable in NSW; VN, Vulnerable nationally

**Table S3. The frequency of occurrence (%), total abundance and average abundance per quadrat of each bird species by cotton-growing zone**

Average abundance was calculated as the average number of birds per quadrat in only those sites in which they occurred. Numbers recorded in the same site at different times were first averaged

Species	Cotton-growing zone											
	Central Qld			Border Rivers			Macquarie			Southern NSW		
	Frequency (%)	Ave. abundance (no. quadrat <sup>-1</sup> )	Total no. of birds	Frequency (%)	Ave. abundance (no. quadrat <sup>-1</sup> )	Total no. of birds	Frequency (%)	Ave. abundance (no. quadrat <sup>-1</sup> )	Total no. of birds	Frequency (%)	Ave. abundance (no. quadrat <sup>-1</sup> )	Total no. of birds
Brown quail	6%	1.0	1	0%	–	0	0%	–	0	0%	–	0
Australian wood duck	0%	–	0	3%	1.4	5.5	0%	–	0	0%	–	0
Grey teal	0%	–	0	2%	1.3	2.5	0%	–	0	0%	–	0
Pacific black duck	19%	1.7	5	5%	1.9	13	0%	–	0	7%	1.8	3.5
Rock dove	0%	–	0	2%	2.3	4.5	0%	–	0	0%	–	0
Common bronzewing	0%	–	0	2%	0.8	1.5	0%	–	0	3%	0.5	0.5
Crested pigeon	44%	1.1	7.5	59%	1.8	141.5	61%	1.7	18.5	50%	2.5	37.5
Peaceful dove	44%	0.9	6	14%	1.2	23.5	6%	0.5	0.5	3%	1.0	1
Bar-shouldered dove	6%	0.5	0.5	5%	0.9	6	6%	0.5	0.5	0%	–	0
Australian owl-nightjar	0%	–	0	2%	0.5	1	0%	–	0	0%	–	0
Australasian darter	6%	0.5	0.5	1%	1.0	1	0%	–	0	3%	0.5	0.5
Pied cormorant	6%	0.5	0.5	0%	–	0	0%	–	0	0%	–	0
Australian pelican	6%	0.5	0.5	2%	1.3	4	0%	–	0	0%	–	0
Eastern great egret	0%	–	0	1%	0.5	0.5	0%	–	0	0%	–	0
White-faced heron	0%	–	0	2%	1.3	4	0%	–	0	3%	1.5	1.5
Nankeen night-heron	0%	–	0	3%	0.9	3.5	0%	–	0	0%	–	0
Australian white ibis	6%	0.5	0.5	0%	–	0	0%	–	0	0%	–	0
Straw-necked ibis	0%	–	0	2%	3.5	7	0%	–	0	0%	–	0
Yellow-billed spoonbill	0%	–	0	2%	1.0	2	0%	–	0	0%	–	0
Black-shouldered kite	0%	–	0	1%	0.5	0.5	22%	1.1	4.5	3%	0.5	0.5
Pacific baza	0%	–	0	1%	0.5	0.5	0%	–	0	0%	–	0
White-bellied sea-eagle	0%	–	0	1%	0.5	0.5	0%	–	0	0%	–	0
Whistling kite	50%	1.2	9.5	8%	0.7	7	6%	0.5	0.5	7%	0.5	1
Black kite	50%	0.9	7.5	2%	0.5	1	6%	0.5	0.5	20%	1.1	6.5
Brown goshawk	0%	–	0	1%	1.0	1	0%	–	0	0%	–	0
Collared sparrowhawk	6%	0.5	0.5	0%	–	0	0%	–	0	0%	–	0
Spotted harrier	0%	–	0	0%	–	0	0%	–	0	3%	0.5	0.5
Wedge-tailed eagle	6%	0.5	0.5	1%	0.5	0.5	0%	–	0	3%	1.0	1



Nankeen kestrel	6%	0.5	0.5	13%	0.6	11	17%	0.5	1.5	10%	0.8	2.5
Brown falcon	0%	–	0	1%	0.5	0.5	0%	–	0	7%	0.5	1
Australian hobby	0%	–	0	4%	0.5	2.5	6%	0.5	0.5	3%	0.5	0.5
Black falcon	0%	–	0	1%	0.5	0.5	0%	–	0	0%	–	0
Black-fronted dotterel	0%	–	0	3%	0.8	3	0%	–	0	0%	–	0
Galah	25%	1.1	4.5	37%	2.9	142.5	44%	3.0	24	20%	3.3	20
Little corella	13%	2.5	5	3%	3.9	15.5	6%	1.0	1	3%	1.5	1.5
Sulphur-crested cockatoo	75%	2.4	29	25%	4.2	139	6%	3.5	3.5	7%	10.0	20
Cockatiel	6%	1.0	1	7%	1.7	15.5	11%	0.8	1.5	3%	2.0	2
Rainbow lorikeet	6%	3.0	3	1%	0.5	0.5	0%	–	0	0%	–	0
Scaly-breasted lorikeet	6%	1.0	1	0%	–	0	0%	–	0	0%	–	0
Musk lorikeet	0%	–	0	3%	7.4	29.5	0%	–	0	0%	–	0
Australian king-parrot	0%	–	0	1%	1.0	1	0%	–	0	0%	–	0
Red-winged parrot	44%	0.9	6.5	6%	0.9	7.5	0%	–	0	0%	–	0
Superb parrot	0%	–	0	0%	–	0	0%	–	0	17%	9.7	48.5
Yellow rosella	0%	–	0	0%	–	0	0%	–	0	7%	3.0	6
Eastern rosella	0%	–	0	9%	1.6	19	28%	3.3	16.5	7%	2.8	5.5
Pale-headed rosella	50%	1.1	9	15%	1.0	19	0%	–	0	0%	–	0
Australian ringneck	0%	–	0	8%	1.1	12	28%	1.2	6	20%	2.7	16
Blue bonnet	0%	–	0	14%	1.9	36	33%	3.2	19	37%	5.2	57
Red-rumped parrot	0%	–	0	28%	2.0	75	22%	2.9	11.5	27%	3.3	26
Budgerigar	0%	–	0	2%	1.0	2	0%	–	0	0%	–	0
Pheasant coucal	25%	0.5	2	0%	–	0	0%	–	0	0%	–	0
Channel-billed cuckoo	0%	–	0	1%	1.0	1	0%	–	0	0%	–	0
Horsfield's bronze-cuckoo	6%	0.5	0.5	8%	0.6	5.5	0%	–	0	0%	–	0
Shining bronze-cuckoo	6%	0.5	0.5	0%	–	0	0%	–	0	0%	–	0
Little bronze-cuckoo	6%	0.5	0.5	1%	0.5	0.5	0%	–	0	0%	–	0
Pallid cuckoo	0%	–	0	1%	0.5	0.5	0%	–	0	0%	–	0
Southern boobook	0%	–	0	1%	0.5	0.5	0%	–	0	0%	–	0
Laughing kookaburra	50%	0.8	6	8%	0.9	9	22%	0.6	2.5	7%	1.0	2
Blue-winged kookaburra	6%	0.5	0.5	0%	–	0	0%	–	0	0%	–	0
Forest kingfisher	6%	1.0	1	0%	–	0	0%	–	0	0%	–	0
Sacred kingfisher	19%	0.7	2	18%	1.5	35.5	22%	1.1	4.5	13%	1.6	6.5
Rainbow bee-eater	6%	0.5	0.5	1%	0.5	0.5	0%	–	0	0%	–	0
Dollarbird	6%	1.0	1	4%	1.2	6	11%	0.5	1	0%	–	0
Brown treecreeper	0%	–	0	11%	1.9	26	6%	3.0	3	3%	3.0	3
Spotted bowerbird	13%	0.8	1.5	2%	0.5	1	6%	0.5	0.5	0%	–	0
Superb fairy-wren	13%	6.0	12	20%	3.4	91.5	28%	11.2	56	7%	4.8	9.5
Red-backed fairy-wren	75%	3.0	36	0%	–	0	0%	–	0	0%	–	0
White-winged fairy-wren	0%	–	0	10%	2.8	36	11%	2.3	4.5	3%	7.5	7.5

Variegated fairy-wren	25%	2.6	10.5	23%	3.0	92	22%	4.1	16.5	20%	4.5	27
White-browed scrubwren	6%	4.0	4	0%	–	0	0%	–	0	0%	–	0
Speckled warbler	6%	1.0	1	2%	1.0	2	0%	–	0	0%	–	0
Weebill	44%	1.8	12.5	20%	1.8	48.5	28%	2.4	12	30%	3.2	29
Western gerygone	0%	–	0	4%	0.8	4	6%	2.0	2	23%	1.1	8
White-throated gerygone	19%	1.2	3.5	2%	0.5	1	0%	–	0	0%	–	0
Yellow thornbill	0%	–	0	8%	2.9	32	17%	4.5	13.5	20%	4.6	27.5
Yellow-rumped thornbill	0%	–	0	8%	2.0	19.5	22%	2.9	11.5	23%	2.9	20
Chestnut-rumped thornbill	0%	–	0	3%	1.4	5.5	0%	–	0	17%	4.6	23
Inland thornbill	0%	–	0	3%	2.5	10	0%	–	0	0%	–	0
Southern whiteface	0%	–	0	0%	–	0	0%	–	0	3%	1.0	1
Spotted pardalote	0%	–	0	0%	–	0	0%	–	0	3%	0.5	0.5
Striated pardalote	31%	0.8	4	19%	0.8	19.5	28%	0.9	4.5	50%	2.0	30
Singing honeyeater	13%	0.5	1	8%	1.4	15	0%	–	0	10%	3.0	9
White-plumed honeyeater	6%	1.5	1.5	36%	4.7	223.5	33%	4.6	27.5	3%	3.0	3
White-fronted honeyeater	0%	–	0	0%	–	0	0%	–	0	3%	1.0	1
Noisy miner	0%	–	0	32%	4.8	203.5	50%	7.6	68	20%	7.0	42
Yellow-throated miner	25%	3.9	15.5	35%	2.8	132.5	11%	4.5	9	33%	5.1	51
Spiny-cheeked honeyeater	0%	–	0	14%	1.2	22	6%	0.5	0.5	7%	1.0	2
Brown honeyeater	38%	1.7	10	2%	1.0	2	0%	–	0	0%	–	0
Black-chinned honeyeater	0%	–	0	1%	1.0	1	0%	–	0	0%	–	0
Brown-headed honeyeater	0%	–	0	1%	1.5	1.5	0%	–	0	0%	–	0
White-throated honeyeater	38%	2.7	16	0%	–	0	0%	–	0	0%	–	0
Blue-faced honeyeater	56%	0.9	8.5	7%	1.1	9.5	11%	1.3	2.5	0%	–	0
Noisy friarbird	6%	0.5	0.5	8%	0.9	9.5	0%	–	0	3%	0.5	0.5
Little friarbird	19%	2.3	7	39%	2.4	123	22%	2.1	8.5	13%	2.8	11
Striped honeyeater	6%	0.5	0.5	11%	1.1	16.5	6%	0.5	0.5	7%	1.5	3
Painted honeyeater	0%	–	0	5%	0.9	6.5	0%	–	0	0%	–	0
Grey-crowned babbler	0%	–	0	9%	2.3	27.5	22%	0.9	3.5	10%	3.8	11.5
Varied sittella	0%	–	0	0%	–	0	0%	–	0	3%	2.5	2.5
Ground cuckoo-shrike	0%	–	0	1%	0.5	0.5	0%	–	0	0%	–	0
Black-faced cuckoo-shrike	31%	0.6	3	24%	0.8	27	33%	0.8	4.5	17%	1.1	5.5
White-bellied cuckoo-shrike	6%	0.5	0.5	5%	0.7	5	0%	–	0	0%	–	0
White-winged triller	19%	1.0	3	8%	0.7	8	6%	1.0	1	13%	0.5	2
Crested shrike-tit	0%	–	0	3%	0.9	3.5	0%	–	0	0%	–	0
Golden whistler	13%	0.5	1	0%	–	0	0%	–	0	0%	–	0
Rufous whistler	25%	1.5	6	10%	1.5	19	6%	1.5	1.5	23%	1.4	9.5
Grey shrike-thrush	13%	1.0	2	16%	0.8	17	28%	0.8	4	17%	1.1	5.5
Crested bellbird	0%	–	0	3%	0.6	2.5	0%	–	0	0%	–	0
Australasian figbird	6%	0.5	0.5	0%	–	0	0%	–	0	0%	–	0

Olive-backed oriole	6%	1.0	1	8%	0.8	8	0%	–	0	0%	–	0
White-breasted woodswallow	13%	0.8	1.5	14%	1.4	25	6%	0.5	0.5	0%	–	0
Masked woodswallow	0%	–	0	2%	2.3	4.5	6%	1.0	1	7%	0.8	1.5
White-browed woodswallow	0%	–	0	6%	3.3	26.5	6%	5.5	5.5	3%	9.0	9
Black-faced woodswallow	0%	–	0	1%	2.5	2.5	0%	–	0	0%	–	0
Dusky woodswallow	0%	–	0	3%	0.8	3	11%	0.8	1.5	0%	–	0
Grey butcherbird	13%	0.8	1.5	26%	1.1	38.5	28%	1.4	7	13%	0.9	3.5
Pied butcherbird	38%	1.0	6	32%	1.3	54	22%	1.5	6	33%	1.2	12
Australian magpie	25%	1.4	5.5	36%	1.2	58.5	44%	1.2	9.5	47%	1.5	20.5
Pied currawong	0%	–	0	1%	0.5	0.5	0%	–	0	0%	–	0
Rufous fantail	6%	0.5	0.5	0%	–	0	0%	–	0	0%	–	0
Grey fantail	0%	–	0	5%	0.9	6.5	0%	–	0	0%	–	0
Willie wagtail	19%	1.2	3.5	35%	1.8	85.5	28%	2.3	11.5	27%	1.5	12
Australian raven	38%	1.1	6.5	23%	1.1	31.5	11%	1.0	2	10%	1.8	5.5
Little raven	0%	–	0	0%	–	0	0%	–	0	20%	0.8	5
Little crow	0%	–	0	2%	1.5	4.5	0%	–	0	0%	–	0
Torresian crow	50%	1.3	10	6%	0.6	5	0%	–	0	0%	–	0
Leaden flycatcher	13%	0.8	1.5	0%	–	0	0%	–	0	0%	–	0
Restless flycatcher	0%	–	0	9%	0.9	10.5	6%	0.5	0.5	0%	–	0
Magpie-lark	38%	0.6	3.5	37%	1.4	68	33%	2.0	12	27%	1.0	8
White-winged chough	13%	1.3	2.5	7%	2.7	24.5	6%	1.0	1	10%	5.5	16.5
Apostlebird	0%	–	0	14%	4.9	93.5	22%	4.6	18.5	0%	–	0
Jacky winter	6%	0.5	0.5	12%	0.8	12.5	6%	1.5	1.5	0%	–	0
Red-capped robin	0%	–	0	1%	1.0	1	0%	–	0	7%	0.5	1
Hooded robin	0%	–	0	1%	1.5	1.5	0%	–	0	0%	–	0
Eastern yellow robin	0%	–	0	5%	1.4	8.5	0%	–	0	0%	–	0
Horsfield's bushlark	13%	3.8	7.5	3%	1.1	4.5	0%	–	0	0%	–	0
Golden-headed cisticola	6%	2.0	2	0%	–	0	0%	–	0	0%	–	0
Rufous songlark	0%	–	0	2%	1.7	5	11%	1.5	3	0%	–	0
Silveryeye	13%	7.8	15.5	1%	2.0	2	0%	–	0	7%	3.0	6
Welcome swallow	0%	–	0	7%	1.2	11	6%	0.5	0.5	0%	–	0
Fairy martin	6%	1.0	1	8%	2.9	28.5	22%	2.0	8	0%	–	0
Tree martin	13%	3.8	7.5	8%	2.1	23	17%	2.7	8	7%	3.5	7
Common starling	0%	–	0	5%	5.1	30.5	6%	2.0	2	13%	1.1	4.5
Common myna	0%	–	0	1%	1.0	1	0%	–	0	0%	–	0
Mistletoebird	31%	1.0	5	26%	1.7	57	17%	0.5	1.5	20%	1.2	7
Zebra finch	0%	–	0	2%	2.7	8	22%	3.6	14.5	3%	1.0	1
Double-barred finch	25%	3.3	13	5%	1.4	8.5	6%	3.5	3.5	0%	–	0
Chestnut-breasted mannikin	6%	1.0	1	0%	–	0	0%	–	0	0%	–	0
Australasian pipit	6%	0.5	0.5	4%	0.6	3	0%	–	0	7%	1.3	2.5

**Table S4. The frequency of occurrence (%) and abundance of each bird species by vegetation type**

Abundance was calculated as the average number of birds per quadrat in only those quadrats in which they occurred. Numbers recorded in the same quadrat by two different observers were first averaged

Species	Vegetation type																	
	Belah		Black box		Brigalow		Coolibah		Grassland		Myall		Poplar box		River red gum		Revegetation	
	Sample frequency (%)	Ave. abundance (no. quadrat <sup>-1</sup> )	Sample frequency (%)	Ave. abundance (no. quadrat <sup>-1</sup> )	Sample frequency (%)	Ave. abundance (no. quadrat <sup>-1</sup> )	Sample frequency (%)	Ave. abundance (no. quadrat <sup>-1</sup> )	Sample frequency (%)	Ave. abundance (no. quadrat <sup>-1</sup> )	Sample frequency (%)	Ave. abundance (no. quadrat <sup>-1</sup> )	Sample frequency (%)	Ave. abundance (no. quadrat <sup>-1</sup> )	Sample frequency (%)	Ave. abundance (no. quadrat <sup>-1</sup> )	Sample frequency (%)	Ave. abundance (no. quadrat <sup>-1</sup> )
Brown quail	0%	–	0%	–	0%	–	0%	–	3%	1.0	0%	–	0%	–	0%	–	0%	–
Australian wood duck	0%	–	0%	–	0%	–	2%	1.0	0%	–	0%	–	0%	–	8%	1.5	0%	–
Grey teal	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	5%	1.3	0%	–
Pacific black duck	0%	–	6%	2.0	0%	–	4%	1.0	0%	–	0%	–	0%	–	24%	1.9	0%	–
Rock dove	0%	–	0%	–	0%	–	0%	–	3%	2.0	0%	–	0%	–	3%	2.5	0%	–
Common bronzewing	0%	–	0%	–	0%	–	2%	0.5	0%	–	13%	0.8	0%	–	0%	–	0%	–
Crested pigeon	67%	2.9	81%	1.8	50%	1.0	70%	1.4	18%	1.4	63%	2.4	85%	1.9	49%	1.6	69%	2.7
Peaceful dove	13%	1.8	6%	1.0	50%	0.5	17%	0.8	0%	–	6%	0.5	0%	–	41%	1.3	0%	–
Bar-shouldered dove	20%	0.5	0%	–	50%	0.5	0%	–	3%	0.5	0%	–	0%	–	11%	1.1	0%	–
Australian owl-nightjar	0%	–	6%	0.5	0%	–	2%	0.5	0%	–	0%	–	0%	–	0%	–	0%	–
Australasian darter	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	8%	0.7	0%	–
Pied cormorant	0%	–	0%	–	0%	–	2%	0.5	0%	–	0%	–	0%	–	0%	–	0%	–
Australian pelican	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	11%	1.1	0%	–
Eastern great egret	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	3%	0.5	0%	–
White-faced heron	0%	–	6%	1.5	0%	–	0%	–	0%	–	0%	–	0%	–	8%	1.3	0%	–
Nankeen night-heron	0%	–	0%	–	0%	–	4%	1.25	0%	–	0%	–	0%	–	5%	0.5	0%	–
Australian white ibis	0%	–	0%	–	0%	–	0%	–	3%	0.5	0%	–	0%	–	0%	–	0%	–
Straw-necked ibis	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	5%	3.5	0%	–
Yellow-billed spoonbill	0%	–	0%	–	0%	–	2%	1.0	0%	–	0%	–	0%	–	3%	1	0%	–
Black-shouldered kite	0%	–	6%	0.5	0%	–	0%	–	3%	0.5	0%	–	0%	–	3%	2	23%	0.8
Pacific baza	0%	–	0%	–	0%	–	2%	0.5	0%	–	0%	–	0%	–	0%	–	0%	–
White-bellied sea-eagle	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	3%	0.5	0%	–
Whistling kite	13%	0.5	0%	–	50%	0.5	13%	0.6	0%	–	0%	–	0%	–	32%	1.1	0%	–
Black kite	0%	–	31%	1.1	50%	0.5	11%	0.8	5%	0.8	0%	–	0%	–	11%	1.0	0%	–
Brown goshawk	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	3%	1.0	0%	–
Collared sparrowhawk	0%	–	0%	–	0%	–	2%	0.5	0%	–	0%	–	0%	–	0%	–	0%	–
Spotted harrier	0%	–	6%	0.5	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–
Wedge-tailed eagle	0%	–	6%	1.0	0%	–	0%	–	3%	0.5	0%	–	8%	0.5	0%	–	0%	–
Nankeen kestrel	13%	0.5	13%	0.8	0%	–	9%	0.9	13%	0.6	13%	0.8	8%	0.5	22%	0.6	0%	–

Brown falcon	7%	0.5	13%	0.5	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–
Australian hobby	7%	0.5	6%	0.5	0%	–	0%	–	0%	–	0%	–	15%	0.5	8%	0.5	0%	–
Black falcon	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	3%	0.5	0%	–
Black-fronted dotterel	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	11%	0.8	0%	–
Galah	33%	2.6	31%	1.3	50%	1.0	28%	2.6	8%	2.7	0%	–	77%	2.0	81%	3.6	0%	–
Little corella	0%	–	0%	–	50%	4.5	0%	–	0%	–	0%	–	0%	–	19%	2.6	0%	–
Sulphur-crested cockatoo	7%	0.5	0%	–	50%	1.0	20%	1.9	3%	1.0	6%	1.5	23%	1.0	81%	5.5	15%	1.3
Cockatiel	13%	1.3	0%	–	0%	–	9%	2.3	0%	–	0%	–	23%	1.3	8%	1.3	8%	0.5
Rainbow lorikeet	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	5%	1.8	0%	–
Scaly-breasted lorikeet	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	3%	1.0	0%	–
Musk lorikeet	0%	–	0%	–	0%	–	0%	–	0%	–	6%	1.0	8%	1.5	5%	13.5	0%	–
Australian king-parrot	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	8%	1.0
Red-winged parrot	0%	–	0%	–	50%	1.0	7%	0.7	3%	1.0	13%	1.0	0%	–	19%	0.9	8%	2.0
Superb parrot	0%	–	13%	11.8	0%	–	0%	–	0%	–	13%	12.0	0%	–	3%	1.0	0%	–
Yellow rosella	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	3%	4.0	8%	2.0
Eastern rosella	0%	–	13%	2.8	0%	–	4%	1	3%	1	6%	1.5	31%	2.9	14%	1.7	31%	2.8
Pale-headed rosella	7%	1.0	0%	–	0%	–	17%	1	8%	1	19%	0.7	31%	1.1	24%	1.1	0%	–
Australian ringneck	20%	2.0	25%	1.4	0%	–	11%	1.4	5%	0.8	6%	1.0	31%	1.4	3%	0.5	15%	3.5
Blue bonnet	20%	6.7	56%	2.6	0%	–	17%	1.4	10%	1.9	31%	7.5	23%	1.5	3%	0.5	23%	2.5
Red-rumped parrot	20%	1.0	44%	3.3	0%	–	28%	2.1	5%	1.0	38%	1.8	23%	4.0	35%	2.5	15%	1.0
Budgerigar	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	5%	1.0	0%	–
Pheasant coucal	0%	–	0%	–	50%	0.5	4%	0.5	0%	–	0%	–	0%	–	3%	0.5	0%	–
Channel-billed cuckoo	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	3%	1.0	0%	–
Horsfield's bronze-cuckoo	13%	0.5	0%	–	0%	–	13%	0.6	3%	0.5	6%	0.5	0%	–	3%	0.5	0%	–
Shining bronze-cuckoo	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	3%	0.5	0%	–
Little bronze-cuckoo	0%	–	0%	–	0%	–	4%	0.5	0%	–	0%	–	0%	–	0%	–	0%	–
Pallid cuckoo	0%	–	0%	–	0%	–	2%	0.5	0%	–	0%	–	0%	–	0%	–	0%	–
Southern boobook	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	8%	0.5
Laughing kookaburra	7%	0.5	13%	1.0	0%	–	15%	0.6	0%	–	13%	1.0	23%	0.8	24%	0.9	0%	–
Blue-winged kookaburra	0%	–	0%	–	50%	0.5	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–
Forest kingfisher	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	3%	1.0	0%	–
Sacred kingfisher	0%	–	13%	0.5	50%	0.5	22%	1.2	0%	–	6%	1.5	0%	–	51%	1.7	15%	0.8
Rainbow bee-eater	0%	–	0%	–	50%	0.5	2%	0.5	0%	–	0%	–	0%	–	0%	–	0%	–
Dollarbird	7%	0.5	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	19%	1.1	0%	–
Brown treecreeper	0%	–	6%	3.0	0%	–	13%	1.7	0%	–	6%	2.0	0%	–	22%	2.1	0%	–
Spotted bowerbird	7%	0.5	0%	–	0%	–	2%	1.0	0%	–	13%	0.5	0%	–	3%	0.5	0%	–
Superb fairy-wren	27%	3.3	6%	6.0	50%	5.5	11%	2.5	3%	1.5	19%	1.3	15%	1.8	32%	4.1	54%	10.6
Red-backed fairy-wren	0%	–	0%	–	50%	1.0	11%	3.4	5%	3.0	0%	–	0%	–	11%	3.0	0%	–
White-winged fairy-wren	0%	–	0%	–	0%	–	0%	–	23%	2.3	0%	–	0%	–	3%	1.5	46%	4.3
Variiegated fairy-wren	53%	1.9	19%	4.7	100%	2.8	17%	3.0	5%	2.5	25%	2.6	15%	3.5	30%	2.0	38%	8.6

White-browed scrubwren	0%	–	0%	–	0%	–	2%	4.0	0%	–	0%	–	0%	–	0%	–	0%	–
Speckled warbler	13%	1.0	0%	–	0%	–	2%	1.0	0%	–	0%	–	0%	–	0%	–	0%	–
Weebill	20%	2.0	50%	2.6	0%	–	39%	2.0	5%	0.8	13%	1.5	15%	1.3	22%	2.3	38%	2.6
Western gerygone	0%	–	25%	0.9	0%	–	2%	0.5	0%	–	13%	1.3	8%	1.0	11%	1.1	8%	2.0
White-throated gerygone	0%	–	0%	–	50%	0.5	2%	2.0	0%	–	0%	–	0%	–	8%	0.7	0%	–
Yellow thornbill	33%	5.8	13%	3.3	0%	–	4%	1.8	0%	–	19%	1.8	8%	1.0	0%	–	54%	3.9
Yellow-rumped thornbill	20%	3.3	25%	2.9	0%	–	7%	1.7	0%	–	25%	2.4	0%	–	3%	1.5	46%	2.3
Chestnut-rumped thornbill	20%	3.7	25%	4.0	0%	–	2%	0.5	0%	–	6%	1.0	0%	–	0%	–	0%	–
Inland thornbill	20%	2.0	0%	–	0%	–	0%	–	0%	–	0%	–	8%	4.0	0%	–	0%	–
Southern whiteface	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	8%	1.0
Spotted pardalote	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	3%	0.5	0%	–
Striated pardalote	13%	0.5	63%	2.3	0%	–	17%	0.9	3%	0.5	31%	0.6	46%	1	43%	1.0	15%	0.8
Singing honeyeater	40%	2.0	6%	3.0	50%	0.5	0%	–	5%	0.5	19%	1.0	8%	0.5	3%	2.0	8%	3.0
White-plumed honeyeater	33%	2.7	6%	3.0	0%	–	50%	3.7	0%	–	13%	6.8	0%	–	62%	5.8	15%	4.0
White-fronted honeyeater	0%	–	6%	1.0	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–
Noisy miner	27%	4.3	25%	7.1	0%	–	35%	6.2	8%	0.7	31%	3.7	92%	9.0	24%	3.7	31%	1.9
Yellow-throated miner	40%	2.2	75%	4.4	0%	–	37%	3.3	21%	1.3	50%	4.2	0%	–	24%	4.4	23%	1
Spiny-cheeked honeyeater	67%	1.4	6%	1.0	0%	–	2%	0.5	3%	0.5	13%	1.8	8%	1.5	8%	0.8	15%	0.5
Brown honeyeater	0%	–	0%	–	0%	–	9%	1.0	0%	–	6%	1.0	0%	–	8%	2.3	0%	–
Black-chinned honeyeater	0%	–	0%	–	0%	–	2%	1.0	0%	–	0%	–	0%	–	0%	–	0%	–
Brown-headed honeyeater	0%	–	0%	–	0%	–	2%	1.5	0%	–	0%	–	0%	–	0%	–	0%	–
White-throated honeyeater	0%	–	0%	–	0%	–	4%	2.0	0%	–	0%	–	0%	–	11%	3	0%	–
Blue-faced honeyeater	7%	0.5	0%	–	50%	0.5	17%	0.9	3%	1.0	6%	3.0	8%	2	19%	0.9	0%	–
Noisy friarbird	0%	–	0%	–	0%	–	2%	0.5	0%	–	13%	1.8	0%	–	22%	0.7	15%	0.5
Little friarbird	33%	1.3	19%	2.5	50%	2	50%	1.8	3%	1.0	25%	1.6	0%	–	65%	3.4	15%	0.8
Striped honeyeater	40%	1.4	6%	1.0	50%	0.5	9%	0.9	0%	–	13%	1.3	0%	–	11%	1.0	8%	0.5
Painted honeyeater	13%	0.5	0%	–	0%	–	2%	0.5	0%	–	25%	1.3	0%	–	0%	–	0%	–
Grey-crowned babbler	0%	–	44%	2.8	0%	–	7%	2.2	0%	–	13%	3.0	23%	1.3	8%	2.0	8%	0.5
Varied sittella	0%	–	6%	2.5	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–
Ground cuckoo-shrike	0%	–	0%	–	0%	–	0%	–	3%	0.5	0%	–	0%	–	0%	–	0%	–
Black-faced cuckoo-shrike	7%	0.5	44%	1.1	50%	0.5	39%	0.9	5%	1.0	25%	0.8	15%	0.8	27%	0.7	23%	0.7
White-bellied cuckoo-shrike	0%	–	0%	–	0%	–	4%	0.5	0%	–	0%	–	0%	–	16%	0.8	0%	–
White-winged triller	7%	0.5	19%	0.5	0%	–	11%	0.7	5%	1.3	6%	1.5	0%	–	14%	0.6	15%	0.8
Crested shrike-tit	0%	–	0%	–	0%	–	4%	0.8	0%	–	0%	–	0%	–	5%	1.0	0%	–
Golden whistler	0%	–	0%	–	0%	–	4%	0.5	0%	–	0%	–	0%	–	0%	–	0%	–
Rufous whistler	33%	1.9	19%	2.0	100%	1.8	9%	1.1	0%	–	25%	1.4	8%	0.5	8%	0.8	23%	1.3
Grey shrike-thrush	27%	0.9	13%	1.5	0%	–	13%	0.8	0%	–	6%	0.5	0%	–	49%	0.9	15%	0.8
Crested bellbird	0%	–	0%	–	0%	–	9%	0.6	0%	–	0%	–	0%	–	0%	–	0%	–
Australasian figbird	0%	–	0%	–	50%	0.5	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–
Olive-backed oriole	27%	0.9	0%	–	0%	–	0%	–	0%	–	6%	1.0	0%	–	16%	0.8	0%	–

White-breasted woodswallow	0%	–	0%	–	50%	1.0	13%	1.2	0%	–	6%	2.0	0%	–	35%	1.3	0%	–
Masked woodswallow	0%	–	13%	0.8	0%	–	4%	2.3	0%	–	0%	–	0%	–	3%	1.0	0%	–
White-browed woodswallow	0%	–	6%	9.0	0%	–	15%	2.4	0%	–	0%	–	0%	–	5%	7.5	0%	–
Black-faced woodswallow	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	3%	2.5	0%	–
Dusky woodswallow	0%	–	0%	–	0%	–	2%	0.5	0%	–	0%	–	0%	–	14%	0.8	0%	–
Grey butcherbird	47%	1.0	31%	0.8	50%	0.5	35%	1.1	0%	–	13%	0.8	62%	1.4	19%	1.1	0%	–
Pied butcherbird	27%	1.4	44%	1.5	0%	–	48%	0.8	5%	0.5	44%	1.4	38%	2.5	32%	1.2	31%	1.6
Australian magpie	27%	0.9	56%	1.8	50%	1.0	35%	0.9	41%	1.2	44%	1.1	62%	1.2	24%	1.4	31%	2.4
Pied currawong	7%	0.5	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–
Rufous fantail	0%	–	0%	–	0%	–	2%	0.5	0%	–	0%	–	0%	–	0%	–	0%	–
Grey fantail	20%	1.5	0%	–	0%	–	2%	0.5	0%	–	6%	0.5	8%	0.5	3%	0.5	0%	–
Willie wagtail	67%	1.4	25%	1.4	0%	–	41%	1.6	5%	0.8	25%	1.0	0%	–	54%	2.5	31%	1.9
Australian raven	20%	1.0	19%	1.8	50%	2.5	17%	0.9	15%	0.8	6%	1.0	38%	1.3	32%	1.1	15%	1.3
Little raven	0%	–	25%	0.9	0%	–	0%	–	0%	–	0%	–	0%	–	3%	0.5	8%	1
Little crow	0%	–	6%	1.5	0%	–	0%	–	3%	2.0	6%	1.0	0%	–	0%	–	0%	–
Torresian crow	7%	0.5	0%	–	50%	3.0	11%	0.7	8%	0.5	0%	–	15%	0.5	11%	1.4	0%	–
Leaden flycatcher	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	5%	0.8	0%	–
Restless flycatcher	7%	1.0	0%	–	0%	–	7%	0.5	0%	–	6%	1.0	0%	–	22%	0.9	0%	–
Magpie-lark	7%	2.0	38%	0.9	50%	0.5	37%	1.5	5%	1.0	50%	0.7	38%	1.3	65%	1.4	38%	2.0
White-winged chough	0%	–	13%	7.0	0%	–	11%	2.2	0%	–	0%	–	8%	2.0	14%	1.7	15%	4.5
Apostlebird	33%	3.8	0%	–	0%	–	15%	4.9	0%	–	13%	3.8	38%	5.9	5%	4.5	15%	6.5
Jacky winter	13%	0.5	0%	–	0%	–	26%	0.8	0%	–	6%	0.5	0%	–	8%	1.0	0%	–
Red-capped robin	13%	0.8	6%	0.5	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–
Hooded robin	0%	–	0%	–	0%	–	2%	1.5	0%	–	0%	–	0%	–	0%	–	0%	–
Eastern yellow robin	20%	1.5	0%	–	0%	–	2%	1.0	0%	–	0%	–	0%	–	5%	1.5	0%	–
Horsfield's bushlark	7%	0.5	0%	–	0%	–	2%	0.5	10%	2.8	0%	–	0%	–	0%	–	0%	–
Golden-headed cisticola	0%	–	0%	–	0%	–	0%	–	3%	2.0	0%	–	0%	–	0%	–	0%	–
Rufous songlark	0%	–	0%	–	0%	–	4%	1.0	0%	–	6%	3.0	0%	–	5%	1.5	0%	–
Silvereye	7%	2.0	0%	–	50%	1.5	2%	14.0	0%	–	0%	–	0%	–	0%	–	15%	3.0
Welcome swallow	0%	–	0%	–	0%	–	0%	–	0%	–	6%	0.5	15%	0.8	14%	1.7	15%	0.5
Fairy martin	7%	1.0	0%	–	0%	–	7%	1.0	3%	4.0	6%	0.5	0%	–	24%	3.2	0%	–
Tree martin	0%	–	6%	4.0	50%	1.0	15%	2.0	3%	2.0	6%	3.5	8%	2.0	16%	3.2	0%	–
Common starling	13%	2.0	13%	0.8	0%	–	2%	0.5	3%	1.0	6%	1.0	8%	2.5	8%	8.8	0%	–
Common myna	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	0%	–	3%	1.0	0%	–
Mistletoebird	67%	1.5	6%	0.5	0%	–	13%	2.2	5%	0.5	63%	2.3	15%	2	30%	0.8	46%	1.1
Zebra finch	0%	–	0%	–	0%	–	2%	1.0	0%	–	13%	3.8	0%	–	8%	1.3	15%	5.5
Double-barred finch	7%	3.5	0%	–	50%	3.0	7%	3.5	3%	2.0	6%	0.5	0%	–	5%	0.5	15%	2.3
Chestnut-breasted mannikin	0%	–	0%	–	0%	–	0%	–	3%	1.0	0%	–	0%	–	0%	–	0%	–
Australasian pipit	0%	–	0%	–	0%	–	0%	–	15%	0.6	6%	0.5	0%	–	0%	–	8%	2.0