West Byron Wetlands 2011 data only				Latitude S28' 37,51																													
				BBB - BVBW		BBB-2020		BBB-BVBW		BBB-2020		BBB-BVBW		BBB-2020		BBB-BVBW		BBB - 2020	BBB-2020 -P		BBB-BVBW	BBB-2020-P	Gold Coast Birdwa	BBB-2020-P	Steve McBride&	Field Day &	BBB-BVBW		BB-202	BBB - 2020	BBB	
* Threatened Species is highlighted -V=Vunerable				09.00-13.30		09-12.30		08.00-13.00		10.30-12.30		08.00-13.00		08.00-12.00		08.00-13.00		15.00-17.00	08.00-12.00		08.00-13.00	12md-15.00	08.22 - 1200	08.00-11.30	16.20 19.30	N/A	08.00-13.00		07.30-09.00	08.00 - 09.30	15.14 - 21.00	
# = see notes below				10-Feb		11-Mar		23-Mar		13-Apr		21-Apr		13-May		1-Jun		25-Jun	30-Jul		######	28-Aug	1-Sep	29-Sep	22-Oct	5 Oct	2-Nov		20-Nov	17-Dec	12-Jan	
				2011		2011		2011		2011		2011		2011		2011		2011	2011		2011	2011	2011	2011	2011	2011	2011		2011	2011	2012	
No	Species	Scientific Name	Moven	O	HA	O	HA	O	HA	O	HA	O	HA	O	HA	O	HA	O	O	HA	HA	O	O	O	O	O	O	HA	O	O	O	HA
1	Australian Brush-turkey	*Alectura lathami*	S																													
2	Stubble Quail	*Coturnix pectoralis*	S																													
3	Brown Quail	*Coturnix ypsilophora*	S																													
4	King Quail	*Coturnix chinensis*	S																													
5	**Magpie Goose**	Anseranas semipalmata	N					2	3																							
6	Plumed Whistling-Duck	*Dendrocygna eytoni*	MW			2	3			2	3																					
7	Wandering Whistling-Duck	*Dendrocygna arcuata*	MW							8	3																					
8	Musk Duck	*Biziura lobata*	N																													
9	**Freckled Duck**	*Stictonetta naevosa*	V																													
10	Black Swan	*Cygnus atratus*	N	8	3	6	3	6	3	4	3	4	3	9*	3	10*	3	10*	15*	3	3	3	5	7*	X BR	x	6*	3	6	9	6	3
11	Australian Wood Duck	*Chenonetta jubata*	S	6	5	5	5	20	5	3	5	2	5	24	5	30	5									x	8	3		1	1	3
12	Mallard	*Anas platyrhynchos*	N																													
13	Pacific Black Duck	*Anas superciliosa*	S	60	3	90	3	90	3	21	3	20	3	173	3	80*	3	17	96	3	3	27	5	70	X BR	x	100	3	55	86	105	3
14	Pacific Black Duck - Hybrid	*Anas superciliosa*	N																													
15	Australasian Shoveler	*Anas rhynchotis*	N																													
16	Grey Teal	*Anas gracilis*	N					2	3	3	3	3	3			6*	3	7	6*	3	3	11		4	X	x	60	3	15		13	3
17	Pink-eared Duck	*Malacorhynchus membran*	N																													
18	Chestnut Teal	*Anas castanea*	N																				x									
19	Hardhead	*Aythya australis*	N	1	3					41	3			16	3	2	3	14	4	3	3	4	12	4		x	10	3	20		8	3
20	Australasian Grebe	*Tachybaptus novaehollan*	S	6	3	15	3	20	3	15	3	8	3	12	3	4	3	9	20	3	3	8	x	9	X	x	20	3	12	14	20	3
21	Hoary-headed Grebe	*Poliocephalus poliocepha*	N																													
22	Rock Dove	*Columba livia*	S																													
23	White-headed Pigeon	*Columba leucomela*	N					X	OH			X	OH			X	OH	x														
24	Spotted Turtle-Dove	*Streptopelia chinensis*	S							X	2			x	2	X	2															
25	Brown Cuckoo-Dove	*Macropygia amboinensis*	N															x														
26	Emerald Dove	*Chalcophaps indica*	N																								1	2				
27	Crested Pigeon	*Ocyphaps lophotes*	S	X	5	x	5	4	5	X	5	X	5	x	5	6	5	45			5	x		x	X	x	X	5	X	X	X	5
28	Peaceful Dove	*Geopelia striata*	N																							x						
29	Bar-shouldered Dove	*Geopelia humeralis*	S	X	2	x	2	4	2	X	2	25	2	x	2	X	2	x	2	2	2	x	x	x	X		12	2	X		X	2
30	Wonga Pigeon	*Leucosarcia melanoleuca*	S															x														
31	**Rose-crowned Fruit-dove**	*Ptilinopus regina*	MB																													
32	Topknot Pigeon	*Lopholaimus antarcticus*	N																				21									
33	Tawny Frogmouth	*Podargus strigoides*	S													X	2															
34	White-throated Needletail	*Eurostopodus mystacalis*	MBE	X	OH																											
35	Little Pied Cormorant	*Phalacrocorax melanoleu*	S	10	3			8	3	1	3	4	OH			1	OH				OH		1	4	X	x	5	3		2	1	3
36	Pied Cormorant	*Phalacrocorax varius*	S					3	2							1	3						x			x						
37	Little Black Cormorant	*Phalacrocorax sulcirostri*	S	6	3	5	3	3	3			2	3	1	3	6	3					1		2	X	x	60	OH	1	14	24	OH
38	Great Cormorant	*Phalacrocorax carbo*	N			2	3	1	3														2		X	x	1	3				
39	Darter	*Anhinga melanogaster*	N					1	2														1		X	x	75*	OH	1	1	1	OH
40	Australian Pelican	*Pelecanus conspicillatus*	N											3	oh												6	OH				
41	Frigatebird Great	*Fregata minor*	V																													
42	Frigatebird Lesser	*Fregata ariel*	V																													
43	White-faced Heron	*Egretta novaehollandiae*	S			1	3	20	3	4	3	2	3	1	3	2	3	2			3		1	4	X	x	2	3	3	2	2	3
44	Little Egret	*Egretta garzetta*	N					2	3					4	3						3		x	1	X	x	1	3	2			
45	White-necked Heron	*Ardea pacifica*	N																					1	X	x	1	3	1			
46	Eastern Great Egret	*Ardea alba*	S					4	3					2	3	1	3		2	3	3	1	3	2	X	x	2	3	4	1	1	3
47	Intermediate Egret	*Ardea intermedia*	S	1	3	1	3	3	3	1	3	1	3	2	3	2	3	3	3	3		1	1		X	x	2	3	4	1	3	3
48	Cattle Egret	*Ardea ibis*	S	3	5	1	5			3	5	250	5	4	5			40			5			11	X					1	31	5
49	Nankeen Night Heron	*Nycticorax caledonicus*	S																							x	2	3	1		2	2
50	Little Bittern	*Ixobrychus minutus*	MW																													
51	Bittern Black	*Ixobrychus flavicollis*	S													1	3															
52	**Australasian Bittern**	*Botaurus poiciloptilus*	MW																													
53	Glossy Ibis	*Plegadis falcinellus*	N																		3	8	3	4	X	x	2	3	2		4	OH
54	Australian White Ibis	*Threskiornis molucca*	S	13	5	30	5	50	5	30	5	150	5	10	5	12	5	16	80	5	5		25+	36	X	x	15	3,oh	4	5	28	3,oh
55	Straw-necked Ibis	*Threskiornis spinicollis*	N									6	5	6	OH	1	5	1			5											
56	Royal Spoonbill	*Platalea regia*	S	4	3	2	3	8	3			3	3	2	3	2	3	1	6	3			1	2	X	x			2	3	4	4
57	Yellow-billed Spoonbill	*Platalea flavipes*	N																				4									
58	**Black-necked Stork**	*Ephippiorhynchus asiatic*	N																													3-Jan*
59	**Osprey**	*Pandion haliaetus*	S																								1	OH				

60	Black-shouldered Kite	*Elanus axillaris*	N					2	OH																x					2	OH				
61	**Square-tailed Kite#**	Lophoictinia isura	MR																																	
62	Pacific Baza	*Aviceda subcristata*	S																											1	OH					
63	Whistling Kite	*Haliastur sphenurus*	MR							X	OH	X	OH			X	OH	x										1	OH					
64	Brahminy Kite	*Haliastur indus*	S	X	OH			1	OH					x	OH						OH				X	x	1	OH						
65	White-bellied Sea Eagle	*Haliaeetus leucogaster*	S			x	OH									2	OH					X	x			x	1	OH		X	x	OH				
66	Swamp Harrier	*Circus approximans*	S					1	OH					x	OH	1	OH				OH		x		X		1	OH			x	OH				
67	Brown Goshawk	*Accipiter fasciatus*	MR											x	OH	X	OH						x				1	OH							
68	Grey Goshawk	*Accipiter novaehollandiae*	N																																	
69	Collared Sparrowhawk	*Accipiter cirrhocephalus*	S																							x									
70	Wedge-tailed Eagle	*Aquila audax*	S	X	OH			1	OH																		2	OH							
71	Little Eagle	*Hieraaetus morphnoides*	N																																	
72	Brown Falcon	*Falco berigora*	S																			X														
73	Australian Hobby	*Falco longipennis*	N									X	OH																							
74	Nankeen Kestrel	*Falco cenchroides*	N																																	
75	**Brolga**	***Grus rubicunda***	MW																																	
76	Buff-banded Rail	*Gallirallus philippensis*	N			1	3	1	3				3			3	3				3		3	2	17	x	4	3		1					
77	Australian Spotted Crake	*Porzana tabuensis*	N													1	3							1												
78	Lewin's Rail	*Rallus pectoralis*	N													1	3								H											
79	Baillon's Crake	*Porzana pusilla*	MW																		3	2			X	x	3	3	1	1					
80	Spotless Crake	*Porzana tabuensis*	MW	X	H											1	3		1	3	H				2	x	1	3	2	1					
81	White-Browed Crake	*Porzana cinerea*	V																																	
82	**Pale-vented Bush-hen**	*Amaurornis olivaceus*	N																												1	h				
83	Purple Swamphen	*Porphyrio porphyrio*	S	38	3	54	3	20	3	27	3	25	3	36	3	60	3	22	48	3	3	60	100+	71	X	x	86	3	60	80	72	3				
84	Dusky Moorhen	*Gallinula tenebrosa*	S	30	3	46	3	30	3	18*	3	15	3	6	3	80	3	150	120	3	3	235	15+	37	X	x	50	3	70	40	73	3				
85	Black-tailed Native Hen	*Gallinula ventralis*	N																							x					1	3				
86	Eurasian Coot	*Fulica atra*	N			1	3	20	3	22	3	8	3	15	3	60	3	85	90	3	3	55	20+		23	x	8	3	8	10	163	3				
87	**Bush Stone-curlew**	***Burhinus grallarius***	S																																	
88	**Australian Painted Snipe**	***Rostrratula australis***	N																												1	3				
89	Latham's Snipe	*Gallinago hardwickii*	MSE	5	5	2	5																		1	x	2	5	5		10	5				
90	Godwit Bar-tailed	*Limosa lapponica*	MSE																																	
91	Little Curlew	*numenius minutus*	V																																	
92	**Eastern Curlew #**	*Numenius madagascariens*	MSE																																	
93	Marsh Sandpiper	*Tringa stagnatilis*	MSE																																	
94	Common Greenshank	*Tringa nebularia*	MSE																																	
95	Wood Sandpiper	*Tringa glareola*	MSE																																	
96	Western Sandpiper	*Tringa glareola*	MSE																																	
97	Red-necked Stint	*Tringa glareola*	MSE																																	
98	Pectoral Sandpiper	*Calidris melanotos*	MSE																																	
99	Sharp-tailed Sandpiper	*Calidris acuminata*	MSE																					2	6	x	10	3	3							
100	Curlew Sandpiper	*Calidris ferruginea*	MSE																																	
101	**Comb-crested Jacana**	*Irediparra gallinacea*	E	6	3	8	3	10	3	5	3	5	3	10*	3	14	3	9*	14	3	3	7	4	6	X	x	4*	3	3	3	6	3				
102	**Pied Oystercatcher**	*Haematopus longirostris*	S																																	
103	Black-winged Stilt	*Himantopus himantopus*	N					4	3	5	3	2	3	3	3	3	3	5	6*	3	3	8	7-4 imm	21	X	x	15	3	27	21	35	3				
104	Pacific Golden Plover	*Pluvialis dominica*	MSE																																	
105	American Golden Plover #	*Pluvialis dominica*	MSE																																	
106	Double-banded Plover #	*Charadrius bicinctus*	MSE																																	
107	Red-capped Plover	*Charadrius ruficapillus*	N																																	
108	**Greater Sand Plover**	*Charadriuslesxhenaultii*	MSE																																	
109	Black-fronted Dotterel	*Elseyornis melanops*	S	3	3			6	3	8	3	5	3	4	3	2	3		8	3	3	10	4	14	X	x	12	3	17	3	29	3				
110	Red-kneed Dotterel	*Erythrogonys cinctus*	N							2	3																									
111	Masked Lapwing	*Vanellus miles*	S	3	5	10	5	8	5			4	5	16	5	14	5	2	6	5	5		x br	7		x	6	5	3	3	28	5				
112	Silver Gull	*Larus novaehollandiae*	S			8	3	2	OH			X	OH												X	x	2	3							
113	Crested Tern #	Sterna bergii	S																						X	x									
114	**Tern Little #**	Sterna albifrons	MWE																																	
115	Whiskered Tern	*Chlidonias hybridus*	MWE																						2											
116	White-winged Black Tern	*Chlidonias leucopterus*	MWE																																	
117	**Glossy Black Cockatoo**	*Calyptorhynchus lathami*	N																								3	2								
118	Yellow-tailed Black-cockatoo	*Calyptorhynchus funereus*	N																				7			x										
119	Galah	*Cacatua roseicapilla*	S																						X		6	OH					OH		
120	Little Corella	*Cacatua sanguinea*	S									X	OH												X	x	1	2			X	2			
121	Sulphur-crested Cockatoo	*Cacatua galerita*	S																																	
122	Cockateil	*Nymphicus hollandicus*	V																																	
123	Rainbow Lorikeets	*Trichoglossus haematodus*	S	X	OH	x	OH	25	OH			X	OH	x	OH	X	OH	x			OH					x			X		X	OH				
124	Scaly-breasted Lorikeets	*Trichoglossus chlorolepid*	S									X	2	x	OH												2	2							
125	Crimson Rosella	*Platycercus elegans*	V																																	
126	Eastern Rosella	*Platycercus eximius*	S					2	OH																											
127	Pallid Cuckoo	*Cuculus pallidus*	MB																																	

128	Brush Cuckoo	*Cacomantis variolosus*	MB																							**x**	**X**	**H**	**X**		X	H
129	Fantail Cuckoo	*Cacomantis flabelliformis*	MB	**X**	**2**			**X**	**2**					**x**	**H**	**X**	**2**				**2**	**X**		**x**		**x**					**X**		
130	Horsfield's Bronze-Cuckoo	*Chrysococcyx basalis*	MB																													
131	Shining Bronze-Cuckoo	*Chrysococcyx lucidus*	MB							**X**	**H**	**X**	**H**			**X**	**2**						**2**			**x**	**X**	**2**			X=JUV	2
132	Little Bronze-Cuckoo	*Chrysococcyx minutillus*	MB																							**x**	**X**	**2**				
133	Common Koel	*Eudynamys scolopacea*	MBE																							**x**						
134	Channel-billed Cuckoo	*Scythrops novaehollandiae*	MBE																													
135	Pheasant Coucal	*Centropus phasianinus*	S	**X**	**H**	**x**	**H**	**1**	**H**			**X**	**2**								**H**				**X**	**x**			**X**	**X**		
136	Southern Boobook	*Ninox novaeseelandiae*	S																												X	2
137	Barn Owl	*Tyto alba*	N																													
138	**Grass Owl**	*Tyto capensis*	N																													
139	Azure Kingfisher	*Alcedo azurea*	S			**x**	**2**					**X**	**2**					**x**						**X**	**x**	**x**	**X**	**2**				
140	Laughing Kookaburra	*Dacelo novaeguineae*	S	**X**	**2**			**2**	**2**							**X**	**2**				**2**		**x**		**X**	**x**	**X***	**2**	**X**		X	2
141	ForestKingfisher	*Todirhamphus macleayi*	MB							**X**	**2**	**X**	**2**									**X**	**x**	**x**						**X**		
142	Sacred Kingfisher	*Todirhamphus sanctus*	MB	**X**	**2**			**2**	**2**	**X**	**2**	**X**	**2**	**x**	**2**	**X**	**2**					**X**	**x**				**X**	**2**			X	2
143	Rainbow Bee-eater	*Merops ornatus*	MBE	**X**	**2**			**5**	**2**			**X**	**2**	**x**	**2**			**x**			**2**		**2**	**x**	**X**	**x**	**X***	**2**	**X**		X	2
144	Dollar-bird	*Eurystomus orientalis*	MBE	**X**	**2**																						**X**	**2**	**X**			
145	Variegated Fairy-wren	*Malurus lamberti*	S													**X**	**8**						**x**				**X**	**8**				
146	Red-back Fairy-wren	*Malurus melanocephalus*	S	**X**	**8**									**x**	**8**	**X**	**8**	**x**	**6**	**8**	**8**				**X**		**X**	**8**	**X**		X	8
147	Superb Fairy-wren	*Malurus cyaneus*	S	**X**	**8**	**x**	**8**	**6**	**8**	**X**	**8**	**X**	**8**	**x**	**8**	**X**	**8**	**x**	**10**	**8**	**8**	**X**	**x**	**x**	**X**	**x**	**X**	**8**	**X**	**X**	X	8
148	Large-billed Scrubwren	*Sericornis magnirostris*	S																								**X**	**2**				
149	White-browed Scrubwren	*Sericornis frontalis*	S	**X**	**2**	**x**	**2**	**6**	**2**	**X**	**2**			**x**	**2**	**X**	**2**	**x**			**2**		**x**			**x**	**X**	**2**			X	2
150	Brown Gerygone	*Gerygone mouki*	S																													
151	Mangrove Gerygone	*Gerygone levigaster*	S																													
152	White-throated Gerygone	*Gerygone olivacea*	MB	**X**	**2**	**x**	**2**	**2**	**2**	**X**	**2**	**X**	**2**	**x**	**2**	**X**	**2**	**x**			**2**	**X**	**x**	**x**	**X**	**x**	**X***	**2**	**X**		X	2
153	Brown Thornbill	*Acanthiza pusilla*	S	**X**	**2**	**x**	**2**	**2**	**2**	**X**	**2**	**X**	**2**			**X**	**2**	**x**			**2**	**X**	**x**	**x**	**X**	**x**	**X**	**2**	**X**		X	2
154	Yellow Thornbill	*Acanthiza nana*	N																													
155	Striated Thornbill	*Acanthiza lineata*	N																													
156	Striated Pardalote	*Pardalotus striatus*	MB			**x**	**2**			**X**	**2**	**X**	**2**	**x**	**2**	**X**	**2**	**x**						**x**		**x**				**X**		
157	Red Wattlebird	*Anthochacra carunculata*	**N**																													
158	Little Wattlebird	*Anthochaera chrysoptera*	MB	**X**	**2**			**1**	**2**			**X**	**2**	**x**	**2**	**X**	**2**	**x**			**2**	**X**	**2**			**x**	**X**	**2**	**X**		X	2
159	Striped Honeyeater	*Plectorhyncha lanceolata*	N											**x**	**2**	**X**	**2**							**x**	**X**	**x**	**X**	**2**			X	2
160	Noisy Friarbird	*Philemon corniculatus*	S	**X**	**2**			**2**	**2**			**X**	**2**	**x**	**2**	**X**	**2**	**x**			**2**				**X**		**X**	**2**			X	2
161	Little Friarbird	*Philemon citreogularis*	N											**x**	**2**							**X**	**x**					**2**				
162	Blue-faced Honeyeater	*Entomyzon cyanotis*	S																								**X**	**2**				
163	Noisy Miner	*Manorina melanocephala*	S	**X**	**2**			**15**	**2**							**X**	**2**				**2**		**x**			**x**					X	2
164	Lewin's Honeyeater	*Meliphaga lewinii*	S	**X**	**C**	**x**	**2**	**10**	**2**			**X**	**2**	**x**	**2**	**X**	**2**	**x**			**2**	**X**	**3**	**x**	**X**	**x**	**X**	**2**	**X**	**X**	X	2
165	Yellow-faced Honeyeater	*Lichenostomus chrysops*	MB																													
166	Brown Honeyeater	*Lichmera indistincta*	S	**X**	**2**			**15**	**2**	**X**	**2**	**X**	**2**	**x**	**2**	**X**	**2**	**x**	**4**	**2**	**2**	**X**	**6**	**x**	**X**	**x**	**X**	**2**	**X**		X	2
167	White-cheeked Honeyeater	*Phylidonyris nigra*	MB	**X**	**2**	**x**	**2**	**20**	**2**	**X**	**2**	**X**	**2**			**X**	**2**	**x**	**2**	**2**	**2**	**X**	**6**	**x**		**x**	**X**	**2**		**X**	X	2
168	Eastern Spinebill	*Acanthorhynchus tenuirostris*	MB																													
169	Scarlet Honeyeater	*Myzomela sanguinolenta*	MB	**X**	**2**			**2**	**2**			**X**	**2**	**x**	**2**	**X**	**2**	**x**	**4**	**2**	**2**					**x**	**X**	**2**				
170	Eastern Whipbird	*Psophodes olivaceus*	S	**X**	**2**			**2**	**2**					**x**	**H**	**X**	**H**	**x**			**H**	**X**	**x**			**x**	**X**	**H**	**X**			
171	Black-faced Cuckoo-shrike	*Coracina novaehollandiae*	N	**X**	**2**			**2**	**2**					**x**	**2**	**X**	**2**	**x**			**2**	**X**	**2**	**x**	**X**	**x**	**X***	**2**	**X**		X	2
172	White-bellied Cuckoo Shrike	*Coracina papuensis*	N																													
173	Cicadabird	*Coracina tenuirostris*	MB																												X	
174	White-winged Triller	*Lalage suerii*	MB																													
175	Varied Triller	*Lalage leucomela*	N													**X**	**2**										**X**	**2**				2
176	Golden Whistler	*Pachycephala pectoralis*	**MB**			**x**	**2**	**2**	**2**	**X**	**2**			**x**	**2**	**X**	**2**	**x**			**2**	**X**		**x**		**x**	**X**	**2**	**X**			
177	Rufous Whistler	*Pachycephala rufiventris*	MB					**2**	**2**	**X**		**X**	**2**										**x**	**x**	**X**	**x**	**X**	**2**	**X**		X	2
178	Little Shrike-thrush	*Colluricincla megarhyncha*	S					**2**	**2**													**X**					**X**	**2**				2
179	Grey Shrike-thrush	*Colluricincla harmonica*	S	**X**	**2**			**1**	**2**	**X**	**2**	**X**	**2**	**x**	**2**	**X**	**2**				**2**		**2**	**x**	**X**	**x**	**X**	**2**	**X**	**X**	X	2
180	Olive-backed Oriole	*Oriolus sagittatus*	MB											**x**	**2**	**X**	**2**							**x**	**X**	**x**	**X***	**2**	**X**	**X**	X	2
181	Australian Figbird	*Sphecotheres viridus*	N	**X**	**2**			**2**	**2**	**X**		**X**	**2**			**X**	**2**				**2**			**x**	**X**	**x**	**X***	**2**	**X**		X	2
182	White-breasted Woodswallow	*Artamus leucorhynchus*	**MB**	**X**	**2**			**4**	**2**	**X**		**X**	**2**	**25**	**2**	**X**	**2**	**x**					**2**	**x**	**X**	**x**	**X***	**2**	**X**	**X**	X	2
183	Masked Woodswallow	*Artamus personatus*	N																													
184	White-browed Woodswallow	*Artamus superciliosus*	MB																						**X**							
185	Spangled Drongo	*Dicrurus bracteatus*	MBE	**X**	**2**			**1**	**2**	**X**		**X**	**2**																		X	
186	Grey Butcherbird	*Cracticus torquatus*	N	**X**	**2**			**2**		**X**		**X**	**5**			**X**	**5**				**5**				**X**		**X**	**2**	**X**		X	2
187	Pied Butcherbird	*Cracticus nigrogularis*	S	**X**	**2**	**x**	**5**	**4**	**5**	**X**	**5**	**X**	**5**	**x**	**5**	**X**	**5**				**5**	**X**	**2**	**x**		**x**	**X**	**5**	**X**			5
188	Australian Magpie	*Gymnorhina tibicen*	S			**x**	**5**	**1**	**5**	**X**	**5**	**X**	**5**	**x**	**5**	**X**	**5**				**5**	**X**		**x**	**X**	**x**	**X**	**5**	**X**	**X**	X	5
189	Pied Currawong	*Strepera graculina*	N			**x**	oh	**4**	2	**X**	oh	**X**	2	**x**	oh						2	**X**		**x**	**X**		**X**	oh	**X**		X	OH
190	Rufous Fantail #	*Rhipidura rufifrons*	MB																													
191	Grey Fantail	*Rhipidura fuliginosa*	MB	**X**	**2**	**x**	**2**	**4**	**2**	**X**	**2**	**X**	**2**	**x**	**2**	**X**	**2**	**x**	**4**	**2**	**2**	**X**	**2**	**x**	**X**	**x**	**X**	**2**	**X**	**X**	X	2
192	Willy Wagtail	*Rhipidura leucophrys*	S	**X**	**5**	**x**	**5**	**8**	**5**	**X**	**5**	**X**	**5**	**x**	**5**	**X**	**5**	**x**	**4**	**5**	**5**	**X**	**5**	**x**	**X**	**x**	**X***	**5**	**X**	**X**	X	5
193	Torresian Crow	*Corvus orru*	S	**X**	oh	**x**	oh	**12**	oh	**X**	oh	**X**	oh	**x**	oh	**X**	oh	**x**	**8**	oh	oh	**x**		**x**	**X**	**x**	**X**	oh	**X**	**X**	X	OH
194	Spectacle Monarch	*Monarcha trivirgatus*	**MB**																													
195	Leaden Flycatcher	*Myiagra rubecula*	MB	**X**	**2**					**X**	**2**					**X**	**2**									**x**	**X**	**2**		**X**	X	2

196	Satin Flycatcher	*Myiagra cyanoleuca*	MB																													
197	Restless Flycatcher	*Myiagra inquieta*	MB			x	2	1	2					x	2	X	2						x	x	X	x	X	2	X		X	2
198	Black-faced Monarch	*Monarcha melanopsis*	MB	X	2																											
199	Magpie-lark	*Grallina cyanoleuca*	S	X	5	x	5	6	5	X	5	X	5	x	5	X	5	x			5	X		x	X	x	X	5	X	X	X	5
200	Red-capped Robin	*Petroica goodenovii*	N																													
201	Rose Robin	*Petroica rosea*	MB																													
202	Eastern Yellow Robin	*Eopsaltria australis*	S							X	H										2	x				x	X	2	X			
203	Australian Reed-Warbler	*Acrocephalus stentoreus*	S			x	8	2	8	X	8			x	8						8	X	2	x	X		X	8				8
204	Tawny Grassbird	*Megalurus timoriensis*	N											x	8			x	x	8												
205	Little Grassbird	*Megalurus gramineus*	S	X	8	x	8	2	8	X	8	X	8	x	8	X	8	x	x	8	8	X	2	x	X	x	X	8		X	X	8
206	Rufous Songlark	*Cinclorhamphus mathewsi*	MB																													
207	Goldeh-headed Cisticola	*Cisticola exilis*	S	X	8	x	8	4	8			X	8	x	8	X	8	x			8	X	3	x	X	x	X	8	X		X	8
208	Welcome Swallow	*Hirundo neoxina*	MB	X	OH	x	2	4	OH			X	OH	x	OH	X	OH	x	x	OH	OH	X	2	x	X	x	X	OH	X	X	X	OH
209	Tree Martin	*Hirundo nigricans*	MB											x	OH	X	OH										X	OH				OH
210	Fairy Martin	*Hirundo ariel*	MBE																			X			X	x	X	2			X	2
211	Silvereye	*Zosterops lateralis*	MB	X	2	x	2	10	2	X	2	X	2	x	2	X	2	x	10	2	2		11		X		X	2	X		X	2
212	Mistletoebird	*Dicaeum hirundinaceum*	MB													X	2										X	2			X	2
213	Russet-tailed Thrush	*Zoothera heinei*	MB																													
214	Common Starling	*Sturnus vulgaris*	N									X	OH																			
215	Common Myna	*Acridotheres tristis*	S																		OH		4	x	X	x	X					
216	House Sparrow	*Passer domesticus*	S																													
217	Double-barred Finch	*Taeniopygia bichenovii*	S															x					x				X	8			X	8
218	Red-browed Finch	*Neochmia temporalis*	S	X	8			10	8	X	6	X	8			X	8	x			8	X			X		X	8	X		X	8
219	Chestnut-breasted Mannikin	*Lonchura castaneothorax*	N									X	8																		X	
220	Australian Pipit	*Mirafra javanica*	N									10	5	12	5						3						X	5			12	5
221	Eastern Yellow Wagtail	*Motacilla flava*	V																													
	Observation Details																															
	Total no of Species			61		47		75		54		66		69		80		53	30			49	64	57	73		106		64	43	79	
	Total shorebird species			4		5		4		3		3		3		6		3	4			4	4	4	8		7		6	6	7	
	Total number of shorebird			73		104		71		49		48		57		205		257	259			352	3	111	43		154		146	133	321	
	Total threatened species			3		3		4		2		2		3		2		2	2			3	3	4	9		7		6	5	7	
	Total waterbird Species			13		19		21		16		15		18		21		14	8			12	18	15	18		27		15	12	16	
	Total no of waterbird			103		134		203		112		77		237		72		99	136			69	52	128	6		320		149	153	222	
	No of observers			2		2		16		2		3		3		8		5	5		3	2	20				30		2	2	5	
	Survey Conditions																															
	Tide Times			9.45		7.08		11.5		10.3		16.15		10.37		7.43			13.26		14.2	11.12		8.39			7.53					
	Tide Height			0.59		0.5		1.3		0.3		0.2		0.2		1.1m			1.29		.1m	0.4		1.6			0.62					
	Tide during survey			high		LOW		low		LOW		low		low		high			high		low	flood		high			flooding					
	Wind Direction			se		NW		S		SE		SE		not recor		NE			SW		NE	sw		ne			NE		NE			
	Wind Speed			0-5kts		0-5KTS		0-5		0-5		0-5				0-5KMS			5-10KTS		-5KM	5-10kts		5-10kts			0-5					
	General Weather			cool,o'cast				LOUDY-HC		INE CLEA		sunny mild				clearing showers			SUNNY,COO		R, AFT. S	warm sunny					Fine & su		SUNNY		fine, warm, some cloud	
	Disturbances																															
	Dogs			0				0				0				0			0			0										
	People moving			2		OBSERV		OBSERV		OBSERV		OBSERV		OBSERV		OBSERVERS			OBSERVERS		OBSERVERS						OBSERVERS					
	Vehicle movement (boat,car)			0				0				0				0			0			0										
	Data Distribution																															
	To Shorebirds 20/20			no		yes		yes		YES		no		YES		no		yes	YES		NO	yes		yes			NO				yes	
	To Birds Australia			not yet		NO		YES		NO		no		NO		ES -HAN		no	NO		NO	?		no			YES				yes	
	To Bitern survey			no		NO		NO		NO		no		NO		no		no	NO		NO	No		no			NO				no	
	Comments on Cell Conditions			2011																												
	Cell H											All cells at capacity except for a small area at back of E cell (B4) where the dotterils were observed		All cells at capacity except for a small area at back of E cell (B4) where the dotterils were observed		All cells at capacity except for a small area at back of E cell (B4) where the					75% CAPA CITY						Cell H being flooded to kill reeds & make more suitable for shorebirds. Cell D,I full; cell E			All cells full - rain previo us week	water level in main front section, less reeds & sedges in back section but water level too high for	
	Cell I																				100% WAT ER - SOME GRAS										Some exposed areas	

	Cell D			**dotterils were observed**	**Completely dry**	**full: cell E 50% capacity**	Fully covered with water
	Cell E				**100% WATER-ONLY GRASSY AREAS & GRASS TUSSOCKS**		Fully drained, mostly esposed mudflat with occasional pools of

Data : all observers are acknowledge (if names are available) in

Bird observations between 2000 and 2002 were obtained from observati

Other birds included in this list were obtained from a list of birds suplied to BSC by David Stewart in 2007 as being observed at the wetlands but no details are available

Names of other observers included in David Stewarts list are

Bird observations after two thousand were observed by members of BBI

x=observed**; h**=heard**; ff=f**lying feeding; **oh**=flyingoverr; **n**=nesting; **br**=breeding; **c**=chicks; **jv**=juvenile; **n=** not recorded, **p**=site only partially observed, **all**-more then two areas or generally **dispersed**

1 = aquatic, **2 = f**orest/trees**, 3 =** freshwaterwetlands**, 4 =** mangroves, **5 =** pasture/grassed area/buildings, **8 =** reeds

S = Sedentary, N=Nomadic, V=vagrant, E=Endemic, M=Migrant, MR=Migrant Raptor, MW=Migrant Waterbird, MB=Migrant Bushbird,

MS=Migrant Shorebird (E after letters exernal migrant or I migrates within Australia

No = species number, tax = no of family group, X = observed or counted, H = habitat, G = map grid reference, DS = Dave Stewarts Obs# , BVBW=Brunswick Valley Bird Watchers, Tweed = Tweed Bird Observers