

Appendix 2

Annotated bird data base for Great Barrier Island (2009). Please note this is still in progress and the data in this appendix is updated annually. ‘Advice reports’ refer to reports to the Department of Conservation from GBICT (Biodiversity Advice Fund project AV 207). H refers to Hutton (1868). B & B refers to Bell & Braithwaite (1964). JO refers to unpublished observations by John Ogden. DA refers to communications from Don Armitage.

No	SPECIES		NOTES – updated March 2009.
1	Albatross (see also: Mollymawk)	Diomedea epomophora. Diomedea exulans	Presumed occasional offshore. Dead bird collected from Whangapoua in 2000 (D. Speir). Possibly Wandering Albatross – skull only available. Dead bird Whangapoua beach (Mabey’s) seen Halema Jamieson 5-9/12/05 (storm cast 26/11/05). Photo Des Casey 1/06, seen John Ogden (JO) 15/2/06. Probably Female Northern Royal, but head missing between Dec 05 and Jan 06!
2	Bellbird	Anthornis melanura	<p>Formerly present on Great Barrier Island. Recorded by Hutton 1868, and on arid Island by Bell & Braithwaite 1964. Occasional vagrants from Tiritiri Matangi Island or elsewhere. Numerous records throughout Island in summer 2005 [Port FitzRoy, Okiwi, Harataonga, Whangaparapara and Little Windy Hill (Jude Gilbert) – see B.Bulletin. 425 and 426]. Not recorded breeding on Great Barrier Island. Also records in early 2006. Check Department of Conservation File. Halema Jamieson: 1 seen at Miners Cove SO8 233 667 on 9 May 06. Alan Gray also reports them around his property at Awana 2006 (to check).</p> <p>Following rat eradication on Little Barrier Island 2004, there was major influx in late summer 2005; records from the Fitzroy area, Okiwi, Awana, Tryphena and Windy Hill, in March and April 2005. Some survived into the 2005 – 06 summer at Awana (Alan Gray) and probably also in the Okiwi area (D. Spier 15/12/05). On 27/9/2005 a pair were observed feeding young in epiphytes in the top of a nikau palm on Cooper’s Castle by members of the Wellington Botanical Society (Halema Jamieson). This is the only recorded occurrence of nesting on Great Barrier Island. However, they were few records in the following year (2006 – 07 summers). Halema Jamieson recorded one at Miner’s Cove (S08 233667) on 9 May 2006 and one in Okiwi on 13/2/07. Rod Lewington made four records in February 2008 (Withy’s track, Pack track, Kauri dam and Cooper’s Castle). One at Windy Hill on 14/03/09 (Kevin Parker).</p>
3	Bittern*	Botaurus poiciloptilus	<p>Formerly present at Awana before swamp drainage (Muriel Curreen). Occasional visitor Kaitoke Swamp (Anderson & Ogden 2003) Also at Medlands 2002 and near Claris Golf Club 2003 (Ben Manson and Annette Allison). Calling in evenings at Kaitoke in 2004 (Ralph Goloboski, B.Bulletin. 18 Nov 2004, No.417). Golf Course 18/11/05 (Des Casey). Kaitoke Bridge (?April/May) 2006 (Halema Jamieson – to check date). See also Advice Fund Bird Report 2. Birds not booming on 30/9 - 1/10 06, but several recent records (tabulated in Final Advice Fund Report 2009).</p> <p>20 records since 2004, mostly centred on the eastern end of the</p>

			Kaitoke swamp, Kaitoke creek, the Golf Course and “Police Station Swamp” areas. One or more present at Okiwi Station between May and September 2008. Reliable booming records from Kaiaraara. Records span most of year, but Sept – December and Feb – March predom. 5 records of booming since 2004 all Sept – Dec. Results indicate one or two pairs might be present throughout the year, possibly breeding Kaitoke/Golf Course/Police Station swamp area.
4	Blackbird	Turdus merula	Nesting resident. Not recorded by H. 1868. One male dead Kaitoke Beach 30/9/06 (JO)
5	Brown creeper	Mohoua novaeseelandiae	Reported present on Rakitu (Arid Island) by Hutton 1868, but not seen by him! Unlikely identification according to Ogle 1981.
6	Brown teal **	Anas aucklandica	Nesting resident. About 60 birds on Awana estuary in 2003. Not recorded by Hutton 1868. Great Barrier Island population c. 707 in 2004. 5% per annum run over by cars 2004 - 05 (see B.Bulletin. 425). <i>Detailed report on Awana population shows decline 1984 – 1998. Subsequent stabilization of numbers. See also Department of Conservation (DOC) reports.</i> Total Brown Teal population Great Barrier Island, I in 2006 = 806 (Conservation Chronical 6, June 200). Jo Sim (DOC, Port FitzRoy) reports that many radio tagged individuals do not visit roosting sites on estuaries. This indicates either a much larger population than formerly thought (i.e. > 800) or else an ageing population - with only the gradually depleting younger birds frequenting flock sites. The long term trend is negative, although there is some indication of levelling off since 2000.
7	Cattle Egret	Bubulcus ibis	Vagrant. 4 on Curreen's paddocks Awana 15/4/02. (Also at Charlie Blackwell's pond). 1 or 2 recorded various locations East Great Barrier Island 15 & 16/4/2008 (JO saw them at Claris)
8	Chaffinch	Fringilla coelebs	Nesting resident but not abundant. See 5 min bird count data in Advice reports (JO).
9	Crake spotless **	Porzana tabuensis	Present on Kaitoke swamp (Anderson & Ogden 2003). Recorded by Ogle 1981. Recorded several locations Kaitoke swamp 30 Sept/1 Oct 2006. Probably with young. (JO <i>et al.</i>) See Advice Fund Bird Report 2.
10	Crake marsh **	Porzana pusilla	Probably present on Kaitoke swamp, but not positively identified (Anderson 1998-2000). NOT recorded Kaitoke Swamp (JO <i>et al.</i>) 30/9 - 1/10 2006 see Advice Fund Birds Report 2.
11	Cuckoo long tailed*	Eudynamys taitensis	Vagrant. Reported flying in lower Awana. 12/1/01 (M. McCandless). Pair calling on Mt. Hobson 2003 (H. Jamieson). Recorded by Hutton 1868 and Ogle 1980. Several reported on Great Barrier Island in 2005: see B. Bulletin 426 (4 April 2005), also at Port FitzRoy (Tony Bouzaid). Awana March 2006 and 2007 (Alan Gray). One at Windy Hill 13/03/09 (Kevin Parsons)
12	Cuckoo shining	Chrysococcyx lucidus	Regular summer visitor arriving Sept - Oct. Parasitizes grey warbler. Recorded by H 1868 etc. The earliest singing dates are: 2005: Sept 16; 2006: Sept 12; 2007: Oct 2; 2008: Sept 13. 2009: Sept 22.
13	Dotterel banded	Charadrius bicinctus	Not seen at Awana. Few nest at Kaitoke. Autumn flock of c. 50 Whangapoua. Probably two pairs nesting Kaitoke Beach (3/9/06). Eggshell, probably this spp coll by Emmy Pratt 30/9/06 (JO confirmed).

14	Dotterel large sand	Charadrius leschenaultii	Rare vagrant to NZ. Four (at least) on dunes at Whangapoua (Okiwi spit). Winter plumage. 31/03/04 (JO).
15	Dotterel New Zealand**	Charadrius obscurus	Nesting summer resident. Usually one pair breeding at Awana, GBI population c. 50. See GBI Environmental News 2. Detailed report available. Need to list banded birds and record relevant publications. A paper on the status of this species on Great Barrier Island is in preparation (Ogden, J. & Dowding, J.). General population trends negative since counts began in 1998.
16	Duck grey	Anas superciliosa	Recorded as present by Hutton in 1868, and by all observers up to 1980 (Ogle 1981). Grey duck and mallard interbreed. Consequently hard to ascertain if grey duck still present. Many female 'mallard' on Great Barrier Island have the facial characteristics of grey duck, and it appears that considerable hybridisation has occurred. However, on 25 March 2008 a 'definite' grey duck, with a green speculum, was seen on the Oruawhoro stream (JO).
17	Falcon**	Falco novaeseelandiae	Recorded as present by Hutton in 1868 and by Bell 1975. Now absent. Mt Moehau c.700m in Hall's totara 12/07/1995 Wayne Anderson (4290 664) (from Don Armitage).
18	Fantail	Rhipidura fuliginosa	Nesting resident.
19	Fernbird*	Bowdleria punctata	Probably formerly in swamps at Awana but now absent. Few pairs in upper catchments? Heard 12/4/01. Heard at Gray's Swamp Awana 19/05/05 – presumably a visitor. Common on Kaitoke swamp (Anderson & Ogden 2003) and present at Whangapoua. See Advice fund Report 2. Common Kaitoke Swamp 30/09-1/10 06. (JO <i>et al.</i>).
20	Gannet	Morus serrator	Frequent offshore at Awana. Growing colony of c. 2500 pairs on Broken Islands, NW Great Barrier Island. Colonies at Mahuki and Rakitu (Don Armitage, <i>The Island Breeze</i> 16 March 2005).
21	Godwit bar tailed	Limosa lapponica	Vagrant at Awana (22-23/10/94). Late summer migrant flock (50-80) at Whangapoua Feb-April. 16 'tired' birds at Whangapoua spit 13/09/06. (JO has counts in diaries).
22	Goldfinch	Carduelis carduelis	Nesting resident. Flock of up to 50 with other finches in late summer.
23	Greenfinch	carduelis chloris	Resident presumed nesting. With finch flocks in winter. Often feeds at high tide line on Spinifex seed heads.
24	Grey warbler	Gerygone igata	Nesting resident. Moves with flocks of silveryeyes and fantails in late summer.
25	Gull Dominican	Larus dominicanus	Occasional visitor to beach and flooded paddocks. Resident on Kaitoke beach and elsewhere.
26	Gull red billed	Larus novaehollandii	Common. Small flocks on beach and on paddocks after floods. Up to 40 (13/4/01).
27	Harrier	Circus approximans	Permanent resident. Nesting in swamps. Feeds on rabbits and pukeko
28	Hedgesparrow (Dunnock)	Prunella modularis	Resident but rarely seen due to secretive nature. Few pairs only. (8/10/03). Not recorded by H. 1868. Very secretive. Occ. in garden @ Awana 2006. Numerical status uncertain - probably few
29	Heron reef*	Egretta sacra	Occasional visitor to Stony Bay, estuary and S. Awana. (12/9/99; 17/12/00; 22/4/02; 2 on 5/11/03). Ask Emmy Pratt. She said 3 records at Okupu this winter (08/09/07). Shoal Bay (JO) 16/4/08. Not seen at Awana since 2003.

30	Heron white	<i>Egretta alba</i>	Recorded as seen previously by Bell & Braithwaite 1964.
31	Heron white faced	<i>Ardea novaehollandiae</i>	Presumed nesting. One or two 'resident' on Awana estuary. 20 in flock at Whangapoua (24/2/00).
32	House sparrow	<i>Passer domesticus</i>	Nesting resident and common. With finch flocks in late summer. Not recorded H. 1868. Possibly increasing 2000 - 2006. See Advice Reports.
33	Kaka**	<i>Nestor meridionalis</i>	Permanent resident, presumed nesting in upper Awana Catchment. Flocks of 3 - 11 seen. Recorded H 1868. Thought to be increasing 2006. See GBI Environmental News (13, 18). The data suggest a total Great Barrier Island kaka population in the range 200 – 300 in summer, and 75 – 175 in winter, when birds probably move to the mainland.
34	Kingfisher	<i>Halcyon sancta</i>	Nesting resident. At least 8 nests present in lower Awana Catchment in 2002 (JO). See GBI Environmental News (9). Island population probably c. 500 pairs, but numbers fluctuate. Birds move to coast in winter and some may leave Island. Loose aggregations of 20 – 30 birds at Awana in October 06 and 08.
35	Kiwi **	<i>Apteryx australis</i>	North Island Kiwi not recorded on Great Barrier Island and no evidence of earlier presence except in place name (Okikiwi). Prospective introduction: see GBI Environmental News 2. See also: <i>Kiwi on off-shore NZ Islands</i> . DOC Research & Development Report 208. DOC 2005.
36	Knot	<i>Calidris canutus</i>	One seen at Awana 22/10/94. Three 31/10/03.
37	Kokako	<i>Calaeas cinerea</i>	Formerly present on northern Great Barrier Island. Last birds removed to Little Barrier Island (Hauturu) 1994.
38	Magpie white backed Australian	<i>Gymnorhina tibicen</i>	A few pairs resident on farmland at Awana and elsewhere on Great Barrier Island. Ten seen on Mabey's farm at Whangapoua 1/4/04. Not recorded by Ogle 1980; possibly increasing.
39	Mallard	<i>Anas platyrhynchos</i>	Not recorded by Hutton 1868. Occasionally a few pairs on O'Shea's paddocks and estuary at Awana. Numbers probably increasing at Tryphena and Medlands. Hybrid with domestic duck at Tryphena 06/06 (Don Armitage). Advice Fund Bird Report 1 2006.
40	Mollymawk (Diomedea sp.)	<i>Diomedea cauta</i>	Presumed occasional offshore. Unidentified dead bird at Awana 11/7/99. Black-browed and yellow-nosed mollymawks both recorded by Hutton 1868, but the latter was probably grey-headed mollymawk according to Oliver 1955 (in Ogle 1981). Shy mollymawk (<i>Diomedea cauta</i>) at Awana (11 July 1999). Shy mollymawk (<i>diomedea cauta</i>) prob juv. photographed between GBI and Cuvier on 80m depth 30 Nov 2007, Prob. Subsp. Steadi. Photos Craig McInman: DSCF3062 TO DSCF3065, (see Advice Fund Bird Report 4). One (identified as sub spp <i>salvinii</i>) washed up on Kaitoke beach in January 2008.
41	Morepork	<i>Ninox novaeseelandiae</i>	Nesting resident. May be 20 pairs in Awana Catchment. An albino reported to Karen Walker on Cape Barrier Road, but thought not to be a barn owl – too small (23/06/06, followed up).
42	Myna	<i>Acridotheres tristis</i>	Common. Small flocks especially later summer. Up to 30 at Awana (13/4/01). Not recorded H. 1868. See Advice Fund Bird Reports, and JO diaries.
43	New Zealand pipit	<i>Anthus novaeseelandiae</i>	Presumed nesting resident. Occasional birds on road, Awana flats.

44	Oystercatcher pied	Haematopus ostralegus	Recorded B & B 1964. One or two with variable Oystercatchers Blackwells paddock and Okiwi spit most years. One at Awana 2005. Albino present 22/06/02.
45	Oystercatcher variable*	Haematopus unicolor	Nesting resident. Erratic nesting on Awana beach. 3 -4 pairs usually present. Summary nesting success report required (see Awana Beachcare Annual Reports). Nesting also Whangapoua, Whangaparapara, Moteirahei, Tryphena, Kaitoke and Medlands, and probably elsewhere. (Medlands - also B. Bulletin 423 – 18 Feb 05).
46	Paradise shell duck	Tadorna variegata	Not recorded by Hutton 1868. First recorded on Great Barrier Island in 1972 (Ogle 1980). 18 birds in 1975. 10 recorded by Ogle 1980. Nesting resident. O'Shea paddocks and camp ground. 10+ (14/4/01). Nest in hole in dune Awana 8 eggs 70mm long 08/09/07. Some counts in JO diaries.
47	Parakeet red crowned**	Cyanoramphus novaezelandiae	Recorded by Hutton 1868. A few present on Mt Hobson and at Okiwi. 4/02. Ogle recorded 13 in 1980 survey, with 6 at Okiwi Reserve. Six present at Okiwi Reserve in 2005 according to D. Speir. Presumed breeding there. Probably 6 at Okiwi Reserve August 2006 (JO). At Okiwi Reserve 17/9/06 (HJ). Two seen at Miners Cove (SO8 232668 & 234655) 4 Sept 06 (HJ). Nested Okiwi reserve 2008 (Report 4 Sept 08). 2 or 3 large kauri, Forest rd., 7/02/08 (Well. Bot. Soc.).
48	Parakeet yellow crowned **	Cyanoramphus auriceps	Recorded by Hutton 1868, but questioned by later observers (Ogle 1981).
49	Penguin little blue	Eudyptula minor	A few nesting on Pa, dunes and above southern cliffs at Awana. Commonest dead bird on beaches (see Dead Bird records).
50	Petrel black**	Procellaria parkinsoni	Nesting in upper catchment. Dead birds occasional on beach. Occasionally seen at night. About 800 pairs on Hirakimata. According to DoC report in Barrier Bull 421 (18 Jan 05) nesting under house at Okupu 20m asl. Normally nest > 300 m asl on Hirakimata where there are “c. 4000 birds” from a total NZ population of c. 5000. <i>DOC reports available</i> . Although the picture is confused by methodological changes, the long term trend is decline .
51	Petrel black winged	Pterodroma nigripennis	Presumed occasional offshore. Dead birds at Awana 28/1/99 and 14/3/01. Check with Halema for records.
52	Petrel Cooks*	Pterodroma cookii	Presumed nesting in upper Awana Catchment. Birds call while flying over Awana on summer nights. Formerly abundant (Hutton 1868). Nesting on Hauturu. The increasing trendline for beachwrecked Cook's petrel is consistent with increased breeding success on Little Barrier Island since elimination of rats and cats in 2004. The general absence of this species over the winter months coincides with their migration to the eastern Pacific. Little Barrier Pop is world's largest – c. 2 – 4K birds. Rayner et al. Biol. Conserv. 138: 235-247.
53	Petrel diving (northern)	Pelecanoides urinatrix	Presumed common offshore. Dead birds at Awana after storms. Recorded as abundant by Hutton in 1868.
54	Petrel grey	Procellaria cinerea	Freshly dead bird at Awana, 09/09/05.

55	Petrel giant	<i>Macronectes halli</i>	Seen at sea, Great Barrier Island region. 1969-76 (in Ogle 1981). One Tryphena harbour 23/06/06. Don Armitage photo. Northern Giant Petrel. See Advice Fund Bird Report 1 2006. Also 2 seen JO 21/09/07 in Colville Channel. Photos Craig McInman Advice Fund Bird Report 1 2006, and DSCF3066 between Great Barrier Island and Cuvier. Email 31/10/07 Don Armitage.
56	Petrel grey faced	<i>Pterodroma macroptera</i>	Recorded Great Barrier Island by Bell & Braithwait 1964. Nesting above southern cliffs at Awana and on Mohunga peninsula. At Awana c. 10 pairs in 1998. Burrow counts 1998 - 2006 suggest the population has increased and in 2006 comprised 30 or 40 active pairs. Beach mortalities throughout year. Apparently increasing frequency supports increase in local numbers. Report available. Refer to JO Dead Bird file also. Seen in Colville Channel 21/09/07
57	Petrel mottled	<i>Pterodroma inexpectata</i>	Presumed occasional offshore at Awana. Dead bird Whangapoua 22/1/99. (listed as unconfirmed prior record by Bell & Braithwaite 1964)
58	Petrel white headed	<i>Pterodroma lessonii</i>	Recorded at sea Great Barrier Island region by Hutton 1868.
59	Petrel storm black bellied	<i>Fregretta tropica</i>	Recorded by Hutton 1868.
60	Petrel storm grey backed	<i>Oceanites nereis</i>	One, probably this spp., Colville Channel 15/12/02 (JO: "very dark, no white on rump"). Recorded at sea Great Barrier Island region by Hutton 1868, cf. New Zealand storm petrel, recently recorded in Hauraki Gulf (Royal Forest & Bird Soc. Auckland Naturally Issue 5. February 2004)
61	Petrel storm New Zealand	????	See above. Check for data from DOC
62	Petrel storm white fronted	<i>Pelagodroma marina</i>	Presumed occasional offshore at Awana. Two dead at Awana 9/09/05. Other dead bird records. Frequent in Hauraki Gulf S off Little Barrier Island.
63	Pheasant	<i>Phasianus colchicus</i>	Nesting on Oxborough's land (Awana) and elsewhere. Recorded by B&B 1964, but not by H. 1868.
64	Pigeon cape	<i>Daption capense</i>	At sea GBI region (Bell & Braithwaite 1964). Records in 2006 winter - see Don Armitage(DA) Emails. DA and Emmy Pratt have photos & records Winter 2006.
65	Pigeon New Zealand*	<i>Hemiphaga novaeseelandiae</i>	Nesting resident. Feeds in Puriri trees etc. Recorded by H. 1868 etc. Max flock size seen Hiramakata: 9, Medlands: 12 (2009). Probably c. 200 birds on Great Barrier Island.
66	Pipit New Zealand	<i>Anthus novaeseelandiae</i>	Nesting resident. Occasional on roadside and on dunes. Also in scrub at higher altitude. Recorded H. 1868.
67	Plover lesser golden	<i>Pluvialis fulva</i>	Migrant visiting Whangapoua in late summer (c.20). Not seen at Awana. Not recorded by H.1868.Refer to Diaries for Counts.
68	Plover shore**	<i>Thinornis novaeseelandiae</i>	Present in 1868 (Hutton) but not now.
69	Plover spur winged	<i>Vanellus miles</i>	Nesting resident. Late summer/winter flock of up to 20 visits Awana estuary (23 on 19/1/99). See Advice Fund Bird Report 1 2006. Probably increasing.
70	Prion antarctic	<i>Pachyptila desolata</i>	Presumed occasional offshore at Awana. Dead bird Whangapoua 24/06/02.

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71	Prion broad billed	<i>Pachyptila vittata</i>	Presumed occasional offshore at Awana. Dead bird 30/12/99.
72	Prion fairy	<i>Pachyptila turtur</i>	Presumed occasional offshore at Awana. Dead bird Awana 23/1/99. Recorded as present by Hutton 1868, and unconfirmed by Bell & Braithwaite 1964.
73	Prion narrow billed	<i>Pachyptila belcheri</i>	Presumed occasional offshore at Awana. Dead bird Kaitoke 7/1/96.
74	Pukeko	<i>Porphyrio porphyrio</i>	Nesting resident shot as conservation pest. Not noted by H. 1868. Recorded as sparse by Weetman 1886 (DA) Refer to JO diaries for counts. Common bird of eastern alluvial flat paddocks.
75	Quail brown	<i>Synoicus ypsilophorus</i>	Recorded by Bell & Braithwaite 1964. See also Ogle 1980. Last record 1963.
76	Quail Californian	<i>Callipepla californica</i>	Recorded as present by B & B 1964, and Reed 1972.
77	Quail New Zealand	<i>Coturnix novaezelandiae</i>	Formerly present on Flat Island (Hutton 1868). Now totally extinct (since c. 1875).
78	Rail banded*	<i>Rallus philippensis</i>	Nesting Awana resident. Maybe 10 - 20 pairs in lower valley (not recorded by H. 1868)
79	Redpoll lesser	<i>Carduelis flammea</i>	Vagrant on Great Barrier Island. Seen Kaitoke swamp 12/1/99, Kaitoke dunes with finches 30/10/03.
80	Rifleman	<i>Acanthisittus chloris</i>	Recorded as present by Hutton in 1868. Unconfirmed prior record in Reed 1972. Presumed now absent. Recorded N end of Harataonga walkway 6/2/08 (Rod Lewington) (??).
81	Robin North Island	<i>Pteroaica australis</i>	Recorded as present by Hutton in 1868. Now absent. Introduction at Windy Hill 4/2004. See Report(s), [birds from Tiritiri Matangi} Jude Gilbert, Little Windy Hill Rosalie Bay Catchment Trust. (LWHRBCT) See also Island Breeze 16, March 2005. Also see Glenfern Sanctuary (GFT) Website. Get Reports on Breeding success (LWHRBT and GFT). Second booster introductions from Mokoia Island to Windy Hill and Glenfern Sanctuary (50 birds total) on 13/3/08. Several records from Hirakimata area Feb 2007 (Biz Bell via HJ: 31/01/07; 03/02/07 (two birds); Steve Gray 03/02/07. Near summit Hobson Feb 1 & 7 2008, Well Bot Soc). Phone line track Orama 31/01/08 (Rod Lewington). Unbanded bird near summit Hirakimata 12/02/10 (Kim Bannister, photos).
82	Roller broad billed	<i>Eurystomus orientalis</i>	Unconfirmed report in Bell & Braithwaite 1964. Not accepted - JO.
83	Saddleback**	<i>Philisternus carunculatus</i>	Recorded by Hutton in 1868 but now absent.
84	Sandpiper sharp tailed	<i>Calidris acuminata</i>	Vagrant on Great Barrier Island. One at Okiwi airfield 22/10/01 (JO). Not seen since.
85	Shag black	<i>Phalacrocorax carbo</i>	Present Great Barrier Island (Ogle 10981). Not certainly recorded at Awana. On rock in Kaitoke creek and Oruawharo estuary (21 March 2007).
86	Shag little black	<i>Phalacrocorax sulcirostris</i>	Nesting (?) in pohutakawa beside Awana river. JO diaries have some counts
87	Shag little pied	<i>Phalacrocorax melanoleucos</i>	Nesting in pohutakawa. Awana river. Check
88	Shag pied	<i>Phalacrocorax varius</i>	Nesting in pohutakawa on Awana river 17 present 21/4/02. 13 occupied nests at Awana Feb. 08.

89	Shearwater Bullers	<i>Puffinus bulleri</i>	Presumed common offshore. Dead birds on beaches following storms. Birds abundant in Gulf 15/09/06.
90	Shearwater fleshy footed	<i>Puffinus carneipes</i>	Presumed common offshore. Dead birds on beach following storms. Photographed Craig McInman (Email Don Armitage 31/10/07) between Great Barrier Island and Cuvier. DSCF3063.
91	Shearwater fluttering	<i>Puffinus gavia</i>	Presumed common offshore. A few nest on Saddle Island, Port Fitzroy. Dead birds on beaches following storms.
92	Shearwater little	<i>Puffinus assimilis</i>	Recorded as abundant by Hutton in 1868. Identification questioned by Ogle 1981. One beach wrecked at Awana 8 Sept 07.
93	Shearwater short tailed	<i>Puffinus tenuirostris</i>	Presumed occasional offshore. Beach wrecked birds recorded.
94	Shearwater sooty	<i>Puffinus griseus</i>	Presumed occasional offshore. Dead birds on Kaitoke 1996 and Whangapoua 2002.
95	Silvewye	<i>Zosterops lateralis</i>	Nesting. Flocks of up to 60 birds in scrub in late summer. Recorded but not seen by Hutton 1868.
96	Skua arctic	<i>Stercorarius parasiticus</i>	Seen in Hauraki Gulf (JO). Recorded B & B 1964 and possibly (?) by Ogle 1980 (Ogle 1981). One chasing white fronted terns on Kaitoke beach, 7 April 2008.
97	Skylark	<i>Alauda arvensis</i>	Nesting. Pairs singing in spring on dunes and south end pa Awana. Not recorded by H 1868. See Advice Fund Bird Reports.
98	Songthrush	<i>Turdus philomelos</i>	Nesting resident, but not abundant. Not recorded by H. 1868.
99	Spoonbill royal	<i>Platalea regia</i>	Recorded at Okiwi (4/02) (D. Speir).
100	Starling	<i>Sturnus vulgaris</i>	Nesting resident. Late summer flocks on Curreens paddocks Awana (c. 60). Not recorded H. 1868. See Advice Fund Birds Reports. Roost at Shakespeare cliffs 2/7/06 c. 30 birds (JO). One dead Harataonga beach 30/9/06 (JO).
101	Stilt pied	<i>Himantopus himantopus</i>	Okiwi and Whangapoua. Up to c 20. Resident. Occasional on Awana flats. Not recorded H 1868.
102	Stitchbird**	<i>Notiomystis cincta</i>	Recorded as present by Hutton in 1868. Now absent.
103	Swallow	<i>Hirundo tahitica</i>	Nesting resident. Late summer aggregations of up to 100 birds. First recorded 1969.
104	Swan black	<i>Cygnus atratus</i>	Not recorded by Hutton 1868. Recorded Bell & Braithwait 1964, Ogle 1981. Not seen by JO. Recorded at Whangapoua in October 2008 (Gerald Endt). Also seen in Tryphena area about same time (P. Edmonds).
105	Tern caspian*	<i>Sterna caspia</i>	Occasional bird on beach at Awana. Resident Kaitoke. Recorded H 1868. See diary records - 12 on Kaitoke late summer 2006. Where is nearest nesting site? Islets in Fitzroy harbour?
106	Tern white-fronted	<i>sterna striata</i>	Occasional small gathering at Awana. Resident Kaitoke. Recorded H 1868. See diary records for flock counts at Kaitoke and Whangapoua.
107	Tomtit	<i>Petroica macrocephala</i>	Recorded by Hutton 1868 and Bull <i>et al.</i> 1978. Few pairs present Mt Hobson and Kaiarara area (no records by Ogle's survey 1980). 2005 – Tomtit heard Hirakimata (Well Bot Soc.). !9/09/06 heard at top Kauri dam Kaiarara 10AM and bottom Kauri Dam 12.0AM (HJ). Confirmed on Mt Hobson by Halema Jamieson in 2008.

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108	Tui	<i>Prothemadera novaeseelandiae</i>	Nesting resident. Common on flax at Awana in 2003/4. Recorded H. 1868.
109	Weka	<i>Gallirallus australis</i>	Reportedly present on Arid Island. Recorded by B & B 1964 on Arid Isl. (Thirteen wekas released on Arid in 1951 and c. 100 present in 1960 – Ogle 1980).
110	Whimbrel American	<i>Numenius phaeopus</i>	Vagrant. One at Whangapoua 24/1/98 and 27/1/99. Previous unconfirmed report noted by B & B 1964. Whimbrel x1 present Kaitoke Beach 30/9/06. Emmy Pratt.
111	Whitehead**	<i>Mohoua albicilla</i>	Recorded by Hutton 1868. Formerly present on Arid Island (B & B 1964). Now absent.
112	Wrybill	<i>Anarhynchus frontalis</i>	Migrant visiting Whangapoua in late summer (c.10). See diary records . Probably declining.
113	Yellowhammer	<i>Emberiza citrinella</i>	Nesting resident. Common.
114	Petrel blue	<i>Halobaena caerulea</i>	Beachwreck. Kaitoke beach 3/09/06 (JO). Cond =3. Dead 2-3 weeks?
115	Chicken	<i>Gallus gallus</i>	Feral at Claris dump, and probably elsewhere.
116	Turkey	<i>Meleagris gallopavo</i>	Feral at Whangapoua (Mabey's farm).
117	Tufted Guineafowl	<i>Numida meleagris</i>	Domestic at Okiwi
118	Domestic goose	<i>Anser anser</i>	Awana and Kaitoke on swampy paddocks (flats).