

CLASSIFIED SUMMARISED NOTES

30 June 1982 to 30 June 1983

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E & O E

Abbreviations: BoP — Bay of Plenty; est. — estuary; FP — Forest Park; FoT — Firth of Thames; H — Harbour; HB — Hawkes Bay; I — Island; L — Lake; NP — National Park; pen — peninsula; R — River; RP — Regional Park; SF — State Forest; SP — sewage ponds.

BROWN KIWI *Apteryx australis*

Opuawhanga, 1982/83 both male and female calling in bush, often in light rain or mist (JFS). Parakao, 1 chick found during kiwi salvage operations on 26/3 (PdeJ). Little Barrier I, young bird surprised in early morning feeding; others calling at night, 21-25/1 (BB, AH). Taporā, 6 from Northland released between 1/8 and 27/3 and several heard on 16/4 (MJT). Waitakere Valley, occasional reports of calls following releases in area last year (JES). Puketū-Hikuaī Valley, heard on night of 14/9 at 1800, 2200 and 0300 hours (JGH). Otanewainuku, 1 on 3/3 calling at night (PCML). Barrett Lagoon, New Plymouth, 1 heard on 2/2 (TPB). Everett Park, Inglewood, 1 heard and another seen on 2/4 (TPB, RO). Egmont NP, 2 heard near Pouakai Hut on 2/2 (AAB). North Arm, Stewart I, 1 female calling 4/7 (CMM). Masons Bay, Stewart I, many calling 5/7 (CMM).

YELLOW-EYED PENGUIN *Megadyptes antipodes*

South Bay, Kaikoura, 1 on 18/12 (BE). Stony Bay, Banks Pen., 4 on 4/4 (D. Buzan). Foveaux Strait, 1 on 4/7 (CMM).

BLUE PENGUIN *Eudyptula minor*

Motukauri, Hokianga, 2 on 7/9 (RMB, AMD). Opoutere-Ohui, 20 found dead on 31/8 (KRB). Waihi Beach to Ohope Beach, over 50 corpses found during Sep 1982 (PCML). Whale and Rurima I, plentiful in adjacent waters during visits 18/9 and 22/6 (WMH). Charleston, flock c.50 on 19/2 (DJO). Kumara Beach, 4 recently used moulting sites located under large logs and tangled growth 3 m above high-tide mark, 20/2 (CSL). Ackers Point, Stewart I, breeding 29/11 (CMM).

CRESTED GREBE *Podiceps cristatus*

L. Rotorua, Kaikoura, 23/12, 2 seen from 5 positions and so total could be up to 10 (BE), 1 on 30/1 (GIR). Iveagh Bay, L Brunner, 2 on 17/9 (NJW). L Lyndon, 1 adult on 15/8 (PL). L Catherine, 2 adults with 1 small chick on 29/1 (PL). L Moeraki, 1 on 15/3 (HH, BS). L Evelyn, 2 adults on 24/12 (PL). L Selfe, 3 on 10/2, 1 probably juvenile (JHS, BHS). L Murray, 2 on 25/3 (HH, BS).

NEW ZEALAND DABCHICK *P. rufopectus*

L Kereta, S Kaipara, 28 (flock of 9 and rest in pairs) on 8/8; 25 on 18/5 (MJT). L Otatoa, S Kaipara, 34 (2 singles and 16 pairs) some displaying on 12/9; 20 on 18/5 (GAP). Te Kuiti SP, 1 on 5/6 (RG & GPG). Awaiti Wetland Reserve, 17/4, pair with 2 half-grown chicks and lone adult (PCML). Thornton Lagoon, 3 pairs on 27/5 (PCML). Whakatane SP, 3 on 11/1 (RMW). L Rotoiti, Western Arm, 20 adults and 2 subadults on 20/2; many did not dive to escape boat but spread their wings, exposing broad white rear edge, and pattered along surface with feet (PCML). Freshwater Lake, Tasman Pulp & Paper oxidation ponds, 2 pairs on 13/10 (RMW). L Aniwhenua, 3 on 9/1 (RMW), 4 on 28/11 (JGI). Sulphur Bay, L Rotorua, 91 on 21/7, 33 on 28/9, 10 on 8/12, 67 on 30/6 (GAT). L Rotoaira, few at NE end and 2 at S end on 13/2 (TPB, RO). Rototahi, 2 on 4/12, 3 on 18/4 (JCH). Matawhero, 2 on 3/4 (EJJ). Muriwai, Gisborne, 1 on 7/3 (JCH, MAW). Westshore, c.19 on 30/6/82 (KVT). Whirinaki Swamp, pair on 20/11 with nest under

maimai (PWT, MT). L Roto-o-Kiwa, 55 on 8/4 (BDH, KVT). Dannevirke SP, 8 on 5/4 (BDH). Marton SP, 33 on 18/7 (RJW), 26 on 27/2 (BDH). L Koitiata, Santoft, 2 with 1 chick on 27/2 (BDH). Bulls SP, 21 on 27/2 (BDH). Flock House ponds, 2 with 1 chick on 27/2 (BDH). L Kaikokopu, 17 on 18/7 (LJD). Foxton No. 1 L, 14 on 18/7 (LJD). L Horowhenua, 50 on 12/7 (BDH), 12 on 26/10 (AHG), 0 on 14/11; only 4 on 28/1 (BDH). L Papaitonga, 5 on 12/7, 0 on 14/11, 12 on 28/1, 11 on 30/4 (BDH). Rakauhumama Lagoon, 17 on 2/10 (RAC, SEC). Dune L S of Hokio Beach, 4 on 1/6 (RP), 20 in Oct (AKB). Dune L, Ohau, 9 (2 with 2 chicks) on 14/11, 4 on 12/7, 9 on 28/1 (BDH). Waimeha Lagoon, Waikanāe, pair generally present, courting seen but no nesting success 1982-83. Two pairs briefly 24/10. Presence irregular autumn 1983 (CAF, MAF). Waikanāe SP, 36 on 12/7, 71+ on 30/4 (BDH). Pool S of Aotea Lagoon, Porirua, 1 on 23/5 DB, ING). Featherston SP, 3 on 24/4 BDH).

HOARY-HEADED GREBE *P. poliocephalus*

Bromley SP, 2 on 28/5 (D. Buzan).

AUSTRALIAN LITTLE GREBE *Tachybaptus novaehollandiae*

L Rotokawau, Northland, 20 on 29/1 (DFB, BAE). L Rotorua, Kaikoura, 1 on 20/9 (BE). Charlestown, West Coast, 1 on 9/9 (DJO). St Anne's Lagoon, 2 in full breeding plumage on 12/1 (PMS), 1 on 14/1 (BE), 2 adults and 4 fledglings on 16/4 (PMS).

WANDERING ALBATROSS *Diomedea exulans*

Motiti I, 1 adult on 2/6, 13 km N (PCML). Foxton Beach, 3 passing on 29/12; 1 on 23/1 (JLM, MM).

NORTHERN ROYAL ALBATROSS *D. epomophora sanfordi*

Petone, 1 on 22/5 storm wrecked and cared for for two weeks (RNC). Tasman Bay, 1 on 17/4 (JMH).

NEW ZEALAND BLACK-BROWED MOLLYMAWK

D. melanophrys impavida

Foxton Beach, 1 passing on 12/9 (JLM, MM).

YELLOW-NOSED MOLLYMAWK *D. chlororhynchos*

Poor Knights to Tutukaka, 2 on 9/5 displaying; first sighting of season according to locals (CMM). Hokianga H, 2 on 10/6/82, 1 km off entrance following and scavenging from fishing boat (DB). Motiti I, 8 adults on 26/6; fortnight later an adult corpse found on Mt Maunganui Beach (PCML).

WHITE-CAPPED MOLLYMAWK *D. cauta*

Foxton Beach, 1 passing on 12/9, 6/11 and 19/6 (JLM, MM). Doubtful Sound to Breaksea Sound, 2 on 1/2 (WJC).

GIANT PETREL *Macronectes* spp.

Papaaroa, Coromandel, 1 on 28/8 feeding on dead Blue Penguin, 1 km offshore (CMM). Cape Runaway, 2 on 9/7 in flight (WMH). Raurima I, 1 on 18/9 flying north (WMH). Waihou Beach, 1 on 25/9 (BRK). Gisborne, 1 on 22/1 at harbour entrance (BRK). Mokau R mouth, 1 dark plumaged on 23/8 and another on 14/1 (RWW). Port Taranaki, 1 on 26/6 (TPB). Kaihihi Stream,

Okato, 2 dark-plumaged birds offshore on 15/5 (DGM). Foxton Beach, 1-3 passing on 4 dates between 21/9 and 12/2 (JLM, MM). Wellington H, 1 on 23/5 injured in gale and cared for by zoo (DGG). Motueka Wharf, 1 on 14/8 (JMH). Nelson sewer outfall, 1 on 20/8 white phase; 50 during Sep (JMH). Kaikoura Pen, occasional sightings throughout year (BE).

CAPE PIGEON *Daption capense*

Waihau Bay, 2 on 9/7 resting on water (WMH). Nelson sewer outfall, c.200 Aug-Sep and 500+ in Oct (JMH). Kaikoura wharf, 9 on 16/7; 29 on 27/5; c.70 on 8/6; c.300 on 23/6 (BE). Doubtful Sound to Breaksea Sound, 4 on 1/2 (WJC).

GREY-FACED PETREL *Pterodroma macroptera*

Mt Maunganui, burrow cleaning 14/5; first birds coming in 1750 hours; birds seen on ground and in flight, an estimated 100+ (GAT). 1 on ground on 22/7 and a number flying about at 2100 hours (PCML). Papanui Stream mouth, near Tongaporutu, several burrows on offshore islet in use and one occupied burrow on mainland on 25/8 (RWW).

MOTTLED PETREL *P. inexpectata*

Clyde Dam site, 1 picked up alive on 18/5 after cold southerly storm (PC). Front I and Shag I, Dusky Sound, breeding on 4/2 (KM, WJC). L Hauroko, Fiordland NP, breeding (WJC).

SOFT-PLUMAGED PETREL *P. mollis*

Petone, 2 on 22/5, 1 alive and the other dead, storm wrecked (SDC).

COOK'S PETREL *P. cookii*

Little Barrier I, rough seas brought great numbers of seabirds close inshore on 23/1, including some of this sp. (BB). Many heard at night 28/1-1/2 (JD).

BLACK-WINGED PETREL *P. nigripennis*

Pitokuku Point, remains of c.20 birds found on 24/4; cat skeleton also found (ASR, JMR).

FAIRY PRION *Pachyptila turtur*

Mt Maunganui to Mayor I, c.25 on 11/12 (PCML).

BLACK PETREL *Procellaria parkinsoni*

Little Barrier I, on passage, one clearly observed on 21/1 (BB, AJG).

WESTLAND BLACK PETREL *P. westlandica*

Tasman Bay, 2 during April (JMH).

FLESH-FOOTED SHEARWATER *Puffinus carneipes*

Burgess I, 2 young on 24/4 in burrows (TH). Sandspit to Little Barrier I, hundreds on 1/2 and 50+ on return trip on 28/1 (JD). Mayor I, 100+ on 11/12 feeding at 1500 hours at SE Bay (PCML). Motu R mouth, small numbers flying NE along coast 20/1 (GAT).

BULLER'S SHEARWATER *P. bulleri*

Little Barrier I, on passage, 7 on 21/1; on 23/1 many hundreds of seabirds, mainly of this species, close inshore in rough conditions (BB). Mt Maunganui to Mayor I, 11/12, always some in sight from 10 km N of entrance; numbers have increased since mid-1970s (PCML). BoP waters, near Whale and Rurima I, plentiful and increasing, summer 1982/83 (WMH). Tokata Point, Motu R mouth, hundreds flying NE along coast, some within 100 m of shore; numbers peaked before 0800 hours 20/1 (GAT).

SOOTY SHEARWATER *P. griseus*

Little Barrier I, 1 on 21/1, 5 km SW (PCML). Mt Maunganui to Mayor I, and return, 3 on 11/12, 5 and 10 km S of Mayor I (PCML). Alexandra, single birds picked up alive on 20/5, 26/5 and 5/6 (PC).

FLUTTERING SHEARWATER *P. gavia*

Oputere, 50 per minute counted passing N, a conservative estimate as only the close inshore stream was noted; others further out not counted; 3/1. Birds returned southward late in day. Weather fine and sea calm (BB). Whitianga to Red Mercury I, c.300 on 24/10 (JD). Mt Maunganui to Mayor I and return, 11/12, numerous within 10 km of inshore waters but scarce or none beyond (PCML). Omanu to Papamoa Beach, 12/82 and 1/83, flocks of 1000+ 1 km offshore (PCML). BoP waters, around Whale, Rurima and White I, common throughout year (WMH). Waihou Bay, plentiful on 9/7 (WMH). Foxton Beach, c.50 on 3/1; also in Apr-May (JLM, MM).

HUTTON'S SHEARWATER *P. huttoni*

Blenheim township, 1 on 18/3, 1 on 4/4, 1 on 15/4, 1 on 20/4 (WFC). Atia Point, Kaikoura, several flying past closer than usual to rocks; 2 sitting on water close to rocks, 6 further out, on 27/7; hundreds flying past on 25/8 (BE). Kaikoura, c.40 on 19/5 close to shore (PCML). Goose Bay, thousands on 5/10 (BE).

LITTLE SHEARWATER *P. assimilis*

Mayor I, 2 on 11/12, 10 km S (PCML).

WHITE-FACED STORM PETREL *Pelagodroma marina*

Sandspit to Little Barrier I, 6 on 21/1 (BB, AJG). Whitianga to Red Mercury I, c.20 on 24/10 (JD). Mt Maunganui to Mayor I and return, 11/12, numerous from 8-10 km N of Maunganui entrance to Mayor I (PCML). BoP waters about Whale and Raurima I, large flocks in summer (WMH).

DIVING PETREL *Pelecanoides urinatrix*

Little Barrier I to Sandspit, 50+ on 1/2 (JD). Muriwai Beach, 1 on 8/8 alive (CCH). Whitianga to Red Mercury I, c.50 on 24/10 (JD). Mt Maunganui to Mayor I and return, on 11/12 birds seen most of way except for first 4-5 km of inshore waters and immediate vicinity of Mayor I (PCML). Petone Beach, 1 on 22/5 flying offshore (SDC).

AUSTRALASIAN GANNET *Sula bassana serrator*

Cuvier I, 90+ on 8/3 passing offshore (BB). Northern Wairoa R, 1 on 20/2 at Dargaville, a rare sighting (BC). Muriwai stack,

65 on 2/7, some crooning and neck twining (RBS); 31/10, c.200 with nests (a few fluffy chicks visible); 14/11, 197 occupied nests (IAN). Muriwai mainland cliff, single bird sitting on one egg against newly erected protection fence (MJT). Horuhoru I, Hauraki Gulf, 5/3, 300 adults, 100 immatures, 30+ downy chicks (JD, RGRF). Manukau H census, summer 1, winter 26 (BB). Access Bay, FoT, c.20 on 10/10 fishing in Firth (BB). Mt Maunganui to Mayor I and return, 10 on 11/12 (PCML). Kaituna R, 1 on 31/1 fishing 1 km up river from mouth (PCML). Tarawera R mouth, c.50 on 27/3 feeding 1 km off shore (PCML). Tolaga Bay, 3 on 4/12 off wharf (JCH). Waihai Beach, 5 on 4/9; 1 carrying nest material (BRK). Muriwai, Gisborne, 6 on 7/3 off beach (JCH, MAW). Muriwai Lagoon, Gisborne, 100+ offshore on 12/12 accompanied by porpoises, mollymawk sp., gulls and shearwaters (BRK). Taranaki coast, commonly seen offshore in small numbers (DGM). Cape Kidnappers, c.600 on 31/3, including speckled juveniles, some with traces of white down feathers (KVT). Foxton Beach, recorded most months, maximum 9 on 31/1 (JLM, MM). Pauatahanui Inlet, 2 on 1/8 (AHG), 2 on 20/2 (AKB). Evans Bay, 1 juvenile on 16/4 (RGP). Blackwood Bay, Queen Charlotte Sound, 30 on 1/3 (WFC). Arapawa I, 84 on 7/3 (WFC). Atia Point, Kaikoura, 3 on 23/10 (BE). Kaikoura Pen, 4 on 20/5 (DJB).

BLACK SHAG *Phalacrocorax carbo*

Manukau H census, 16 on 14/11, 39 on 26/5 (BB). FoT census, 73 on 5/12, 22 on 17/7 (BB). L Waikare, 60+ on 16/4 resting in a line (KJF). L Whangape, c.50 on 18/1 (PJA). Hamilton L census, 14 on 19/9, 47 on 27/2, 38 on 16/4 (MAB). Aotea H census, 8 on 6/11 (BHS). Kawhia H census, 60 on 11/7, 10 on 6/11, 29 on 26/6 (BHS). Matakana I, 16-18 nests on 25/9 in pines at N end (PCML). Kaituna R, c.4 pairs in spring 1982 nesting among Pied Shags in pines at river mouth (PCML). Sulphur Bay, L Rotorua, 54 on 29/12. Many juveniles with blotchy brown on underparts. Flock disperses in autumn. Only 4 on 30/6 (GAT). Waitangi est, HB, c.45 on 30/6, common along coast (KVT). Pauatahanui Inlet, present throughout year with drop in Oct/Nov. Highest count 84 Apr, lowest 3 Oct (AHG *et al.*). Lower Hutt, roost at Melling Station, present during autumn and early winter (AM). Motueka est, c.100 through winter months (JMH). Nelson Haven, 400+ for 3 hours 17/6 (JMH). Wairua/Tuamarina, 2 on 12/4 (WFC). L Rotorua, Kaikoura, 25 on 30/1 (GIR). Lower Hodder Valley, 1 on 3/9 (GIR). Acheron/Clarence, 4 on 18/2 (GIR). L Brunner outlet, 5 on 17/7 (CSL). Rotomanu, 1 on 21/4 (PJF). Hokitika R mouth, 9 on 6/2 (NJW); 6 on 25/5 in fresh breeding plumage; 4 adults and 1 immature on 21/6 (NJW). Turiwhate, Westland, 1 on 12/3 perched on tree for 4.5 hours (CSL). Worsley R mouth, L Te Anau, 1 disgorged a 30 cm trout on 4/3 (KM).

PIED SHAG *P. varius*

Cuvier I, some adults and immatures at Radar Point colony on 5-17/3 (R. Chambers per BB). Taporu, 140 on 19/2 roosting in dead mangroves on McLean's Dam (15 nests) (MJT). Hobson Bay, colony reached a maximum of 28 nests on 12/10 and is now active all year round (MJT). Orakei Creek, colony had 30-40 nests on

24/10 (MJT). Ponui I, c.60 on 5/3 (JD). Karaka, Manukau H, 61 on 26/6, highest count (BB). Manukau H census, 351 on 26/6, 116 on 14/11 (BB). FoT census, 13 on 17/7, 21 on 5/12 (BB). Aotea H census, 0 on 6/11 (BHS). Kawhia H census, 1 on 11/7, 0 on 6/11, 0 on 26/6 (BHS). Mayor I, 10 on 11/12 at SE Bay (PCML). Kaituna R. c.20 nests on 29/8 in pines by river mouth. Some fully fledged young still in nests while others were flying out to sea to fish for themselves on 1/1 (PCML). Tarawera R mouth, highest count, 49 on 7/5 (PCML). Rangitaiki R mouth, highest count, 14 on 12/6 (PCML). Waioeka R mouth, 14 on 18/1 (GAT). Whangaparaoa R mouth, East Cape, 6 on 19/1 (GAT). Wairoa est, 1 on 19/6, rare visitor (GAF). Tory Channel, Sawyers Bay, 36 nests on 7/3 (WFC). Pelorus Sound, Post Office Point, 50 birds and 14 nests on 3/7 (WFC). L Grassmere, 7 on 16/10 repeatedly dived during hail storm (DJB). Kaikoura, L Rotorua, 44 and 27 nests on 5/7, 34 nests occupied with chicks 20/9, 16 nests occupied, adult feeding 2 large chicks on 8/11, nesting over on 23/12 and 9 birds seen (BE). Kaikoura Pen, 47 on 30/5 (BE). Gilbert I, Breaksea Sound, 2 on 2/2 (WJC).

LITTLE BLACK SHAG *P. sulcirostris*

L Kereta, Kaipara H, 15 on 8/8 (MJT). Orakei Creek, c.90 in May roosting with nesting Pied Shags; among this flock on 3/5 were four juveniles bearing bands and presumed to be birds from the colony on L Rotorua (MJT). Hobson Bay, 132 on 6/5 at 0830 lined up on a reef probably included those noted at Orakei on 3/5; 178 on 15/5 feeding (MJT). Upper Manukau H, 23 on 25/7 (RBS). Pollock, Awhitu Pen, 26 on 8/8 fishing and lazing in mirror calm (BB). Maioro, Waikato est, 14 on 15/10 in pond (BB, DFB, BAE). Miranda, FoT, 44 on 23/9 (BHS). L Whangape, c.60 on 18-19/1 (PJA). Hamilton L census, 3 on 19/9, 0 on 27/2, 5 on 16/4 (MAB). Aotea H census, 0 on 6/11 (BHS). Kawhia H census, 13 on 11/7, 0 on 6/11 and 26/6 (BHS). Matakana I, 24/7, flock c.60 feeding in Tauranga H off centre of I (PCML). Kawerau freshwater lagoon, Tasman Pulp and Paper ponds, 8 on 13/10, first Kawerau record (RMW). Tarawera R mouth, 20 on 27/3 and 2/4 (PCML). Rangitaiki R mouth, c.45 on 12/6 at Thornton Lagoon (PCML). Sulphur Bay, L Rotorua, colony peaked on 28/1 with 963 nests and estimated 2000-2500 present (GAT). Taruheru R, 20+ within Gisborne City on 6/6 (BRK). Whakaki Lagoon, Wairoa, 45 on 25/4 (BRK). Wairoa est, 110 on 25/4 (BRK). Waitangi est, HB, c.55 on 30/6 (KVT). Ahuriri, c.100 on 16/4 (ARG, ACS, KVT). Manawatu R est, present Jul-Oct and Mar-May, maximum 34 on 30/4. Also 5 on "The Loop" on 25 Sep (JLM, MM). Waikanae est, 3 on 8/4/82 and first for 1983 2 on 26/2 (CAF). Nelson Haven, 1 on 21/8 (JMH). Waimea est, 11 on 16/4 (BE). Kaikoura Pen, 1 on 16/7 with 9 Little Shags (BE).

LITTLE SHAG *P. melanoleucos brevirostris*

L Kereta, Kaipara H, 30 on 8/8 including 8 in wholly dark juvenile plumage (MJT). Hobson Bay, colony reached maximum of 47 nests on 3/10 and was active from Aug to Mar (MJT). Manukau H census, winter 59, summer 11 (BB). FoT census, winter 17, summer 5 (BB). L Whangape, c.50 on 18-19/1 (PJA). Hamilton L census, 1 on 19/9, 5 on 27/2, 10 on 16/4 (MAB). Aotea H census, 0 on 6/11

(BHS). Kawhia H census, 13 on 11/7, 2 on 6/11, 16 on 26/6 (BHS). Tauranga H, N end, 17 on Bowentown shellbanks and 20 on adjacent Matakana I shore, 11/7. Single bird on 15/5 at Bowentown was all white but for primaries, tail and narrow black line from nape to mantle (PCML). Tarawera R mouth, highest count of 40 on 4/7 (PCML). Westshore, 24 on 31/8 (KVT). Tukituki R est, 20 on 28/11 (KVT). Pauatahanui Inlet, present throughout year with numbers falling in Oct/Nov; highest count 55 in Jun, lowest 3 in Oct (AHG *et al.*). Tory Channel, Hilaua Bay, 6 on 7/3 (WFC). Kaikoura, L Rotorua, 17+ nests occupied 20/9; 3 nests occupied but nesting nearly over 8/11 (BE). Cobden Lagoon, Cobden, 1 on 9/4 diving frequently (CSL). L Karoro. Greymouth, 1 on 9/4 feeding (CSL). Arahura R mouth, 5 on 13/2 (NJW), 10 on 31/7 on shingle bar (CSL). Hokitika R mouth, 5 on 21/2 (NJW). Ewings, W L Wanaka, 15 on 8/6 (PC).

KING SHAG *Leucocarbo carunculatus carunculatus*

Endeavour Inlet, 1 on 1/3; off Long I, 1 on 4/3; Cape Jackson, 3 on 4/3; Pelorus, Te Kaiangapi, 5 on 17/3; 18 (15 immatures) on 26/5; 1 on 26/4; 14 on 30/6; Trio I, c.50 and 40 nests 26/5; Sentinel Rock, c.20 birds and 10 nests 16/5; Duffers Reef, 48 and 26 nests 26/5; 52 and 31 nests on 22/6; 45 and 29 nests 3/7 (WFC).

SPOTTED SHAG *Stictocarbo punctatus*

Shag Rock, E Waiheke I, 2000 on 5/3 with adults and immatures present (JD). Manukau H census, 10 on 26/6 (BB). FoT census, 27 on 5/12, 2 on 17/7 (BB). Haumoana, 1 on 20/1 (KVT). Waikanae, 4 on 9/5/82, 2 on 8/8 (CAF). Lake Ferry, 1/7, 6 in breeding plumage, fishing where lake outlet meets sea (BDH). Queen Charlotte Sound, Longfellow Bay, 47 on 1/3; Bay of Many Coves, 6 nests occupied 7/3; Duffers Reef, 4 nests, 1 with 3 eggs 22/6; Post Office Point, 10 nests 3/7 (WFC). Wairau Bar, 300 on 9/5; 50 on 26/3 (PJ); 250 on 9/2 and 10/2, on both occasions all dispersed one at a time (DJB). Kaikoura Pen, 100+ on 25/8 flying past (BE). Perpendicular Point, Punakaiki, 20 incubating eggs, c.30 incomplete nests with building in progress. No immature birds present on 24/10 (DJO). Hokitika R mouth, 3 on 28/2 offshore (NJW).

PITT ISLAND SHAG *S. punctatus featherstoni*

Matarakau colony, 200+ on 29/12 (PDG).

LESSER FRIGATE BIRD *Fregata ariel ariel*

Whangaroa H, 1 on 3/4 hovering at 15 m above edge of mangroves (TC). Waikanae, 1 on 5/1 (photographed) (AT).

WHITE-FACED HERON *Ardea novaehollandiae*

Paua, 50+ on 20/10 (BHS, JHS). Te Matuku Bay, Waiheke I, 18 on 19/2 feeding along channel at low tide (BS). Karaka, 74 on 1/12 and 77 on 25/2, dropping to 22 in Mar and back up to 50 by mid-May (BB *et al.*). Manukau H census, 314 on 13/11, 292 on 26/6 (BB). FoT census, 134 on 5/12, 79 on 17/7 (BB). Rangiriri, 60 on 16/6 on Henderson's farm (MJT). Whale I, 1 on 8/6 (WMH). Gisborne suburbs, 2 pairs regularly nesting in pines until exiled by harassing Magpies, Mar 1983 (JCH, MAW). Gisborne to East Cape, noticeable increase in numbers over the past several years (JCH).

Te Hauke, 17 on 6/7 (KVT). Westshore, 49 on 26/2 (KVT). Manawatu R est, 33 on 21/11, 45 on 27/2 (LJD). Pauatahanui Inlet, present throughout year, highest count 36 in Feb, lowest 12 in Aug (AHG *et al.*). Blenheim, Rapaura, 20 on 1/5 (PJ). Upper Hapuhu Valley, 2 on 17/4 (GIR). Blaketown Lagoon, Greymouth, 3 on 9/4, flew in to feed on mudflats at low tide (NJW). Arahura R mouth, 6 on 13/2 (NJW). Inchbonnie, Westland, 1 on 4/3, 7 on 23/5 (PJF). L Lyndon, 1 on 10/2 (JHS, BHS). Heathcote-Avon est, 22 on 16/4 (D. Buzan). Andrew Burn mouth, S Fiordland coast, 1 on 28/4 (KM).

KOTUKU *Egretta alba*

Houhora, 1 on 12/8 (RMB, AMD). Kawakawa, Rangaunu, 1 on 29/6 (RMB, AMD). Jordan's Road, Kaipara H, 5 on 16/10 (BHS, JHS). Gordon's Road, Waiuku, 1 on 8/8 (BB). Tarawera R mouth, 2 on 3/7 (WMH). Matata Lagoon, 1 on 2/3; still present at end of Jun (PCML, BCh). Kawerau, Tasman Pulp and Paper ponds, 1 on 13/10, a first for Kawerau, said by a local to have been there for 3 months; still present on 21/2 (RMW). Muriwai lagoon, 1 Jul-Aug 1982 (JCH, MAW). Whakaki Lagoon, 1 on 24/10 and Apr-May 1983 (BRH), 1 on 6/6 (GAF), 1 on 19/8 (JCH). Tukituki R, 1 on 20/5 (REL). Napier, 2 on 18/7 feeding in corn stubble (PWT, MT). Anderson Park, Napier, 1 on 11/6 (MMc). Foxton No. 1 L, 1 in Sep; Manawatu R est, 3 on 1/5, 1 on 4/6; Foxton "Loop," 1 in Aug and Sep (JLM, MM). Rakahumama lagoon, 1 on 2/10 (RAC). Dune L S of Hokio Beach, 1 on 1/6 (RP), 1 in Oct (AKB). Waikanae est, 1 on 17/4/82 (CAF, MAF). Orowaiti est, Westport, 1 in Jan-Feb (DJO). Charleston, 1 or 2 present Jul to 23 Oct (DJO). Hokitika SP, 1 on 3/2 (DJO). L Poerua, Westland, 1 on 25/3, 17/4, 18/4 (PJF). L Forsyth, 4 on 3/9 (D. Buzan). L Lyndon, 1 on 28/3 (PL).

LITTLE EGRET *E. garzetta*

Paua, 1 on 21/9 (RMB, AMD). Kaimaumau, 2 on 23/9 (RMB, AMD). L Rotomanu, New Plymouth, 1 still present on 7/8 and 16/4 to 12/6 (RWW, REL, TBB, RO *et al.*). Westshore, 1 on 29/10 in nuptial plumage (ARG, LRL, KVT). Foxton No. 1 L, 1 on 18/7 (LJD). Manawatu R est, 1 on 21/11 (LJD). Carters Beach reserve, Westport, 1 on 11/9 well plumed (CSL). Orowaiti est, Westport, 2 or 3 Jul-Oct, 3 on 25/2 (DJO).

REEF HERON *E. sacra*

Paua, 1 on 20/10 (BHS, JHS). Parengarenga, 2 on 21/10; Houhora, 2 on 7/3 (RMB, AMD). Whangaroa H, 1 on 31/3 (JFS). Takou Bay, 1 on 11/2 (BS). Rangaunu, 1 on 2/11 (RMB, AMD). Motukaraka, Hokianga, 3 on 7/3 (RMB, AMD). Te Arai, 1 on 26/3 (GJE). Goat I, Leigh, 2 on 26/1 (JRI). Ti Point, 2 on 27/2 (MJT). Wenderholm, 1 on 27/1 (JRI). Orewa, 1 on 24/12 (MJT), 1 on 3/4 (DFB). Motutapu I, 1 on 10/3 (KRB). Otakawhi Bay, Waiheke I, 2 on 21/9 (BS). Te Matuku Bay, Waiheke I, 1 on 14/10 (BS). Great Barrier I, 2 on 30/1 (TPB, RO). Manukau H, Kaiarakihi, 2 on 31/8 (CS), Big Bay, 1 on 12/1 (AS). Manukau H census, 3 on 14/11 and 26/6 (BB). Kawakawa Bay, 1 on 27/9 (RMW). Wharekawa, FoT, 1 on 5/5 (PD). FoT census, 1 on 5/12 (BB).

Opoutere, 2 on 31/8 (KRB), 2 on 14/1 (BB). Kawhia H census, 0 on 6/11, 1 on 26/6 (BHS). Matakana I, 2 on 11/7 N end (PCML). Kaituna Cut, 1 on 11/3 (BCh). Rangitaiki R mouth, 1 on 12/6 (PCML). Whakatane R mouth, resident, seen on most visits during year to 6/83 (WMH). Ohiwa H, 2 on 29/1 (WMH). Waihou Bay, 1 on 9/7 (WMH). Pourewa I, Tolaga Bay, pair nesting in cave in Dec (GAF). Uawa est, Tolaga Bay, 1 on 6/6 (GAF). Tongaporutu est, 1 on 27/8 (RWW). Waiwakaiho est, New Plymouth, 2 on 27/11 (RO). Okato, 4 on 15/5 (DGM). Cape Egmont, small numbers present (DGM, JCM). Spriggs Park, near Napier Port, 1 on 12/6 (PWT, MT). Westshore, 1 on 23/3 (LRL). Pauatahanui Inlet, 1 on 14/7 and 29/7 (KLO), 1 on 1/8 (AHG, AKB), 1 on 24/4 (MLF), 1 on 30/5 (ING). Sinclair Heads, 1 on 1/8 (KLO). Nelson H, 1 on 15/8 (JMH). Kaiteriteri, 2 on 19/4 (BE). Kaikoura Pen, 2 on 17/11 (GIR), 1 on 8/2 (BE). Kaikoura, 5 on 3/5/81 showing interest in patch of kelp; 2 had darker bills than others (TJT). Armers Lagoon, 1 on 20/12, 2 on 16/2 (BE).

CATTLE EGRET *Bubulcus ibis*

Paua, 1 on 12/8 (RMB, AMD); 4 on 20/10 with brilliant buff colouring on head, chest and back (BHS, JHS). Helensville area, 32 during 1982 winter (CE), 45 on 18/5 (MJT). Silverdale, 1 on 14/4 could be closely approached (MJT). Mangere SP, 4 on 18/7 (LD). Duder's Beach, 1 on 15/6 near cattle and with White-faced Herons (B. Duder per BB). Clevedon, 9 on 21/5 (B. Duder per BB). FoT census, 25 on 17/7/83 at Piako S (BB). Ramarama, 2 on 22/5 (Mrs Habraken per BB). Maioro, 9 on 24/5 (AJG). Meremere, 5 on 31/5 (TC). Rangiriri (Henderson's farm), 63 on 8/8 (IS), 82 on 29/8 (BHS), 4 on 6/4 (BHS), 85 on 16/6 (MJT). L Ngaroto (near Te Awamutu), 1 on 2/5, in flight (RWD). Marakopa, 8 arrived on 4/6 leaving next day (RG, GPG). Te Kuiti SP, 1 on 5/6, still there on 18/6 (RG, GPG). Katikati, 4 on 14/6 feeding in field without cattle and in company of 5 White-faced Herons. Local reports suggest that birds have been around district for some time and on a particular farm each winter for some years. Another local report tells of about 20 along local highway margins in some years (BC). Awaitei (near Matata), 12 on 3/7 and 4/7, then 14 on 18/7 (PCML, WMH), 1 on 29/12 well coloured (BHS). Tarawera R mouth, 1 on 2/4 feeding with 2 Kotuku in reed-bed (PCML, BCh). Gisborne, 9 on 26/6, reduced this year. The usual flock at this observation point is up to 37 (JCH, MAW). Awamate Lagoon, Wairoa, 1 on 14/5 (BRH). Waerenga-a-hika, 8 on 22/6 (BRK). New Plymouth, L Rotomanu, 5 on 21/4; Barrett Lagoon, 1 on 31/10, 14/4 and 20/4 (RWW, TPB, RO). Beach Road, Omata, 1 on 14/10 and up to 3 seen during Mar/Apr (RWW, TPB, RO). Te Hauke, 3 on 6/7 (KVT). Ahuriri, 6 on 2/10 (MTC). Mosstown, Wanganui, 5 on 19/4/80. Putiki, 2 on 19/4/80 (OCT). Foxton No. 1 L, 22 on 18/7, 19 on 19/9 (LJD, CR & PMS). Manawatu R est, up to 23 from 1/7 to 25/10; 3 birds "summered" from 18/12 to 12/3. Up to 13 from 14 May to 30/6 (JLM, MM). Waingawa, 1 on 14/6 (CES), 3 on 21/6 (TCD). Hokio Sands Road, Levin, 8 on 26/10 (AHG). Mangaroa Valley, Upper Hutt, 1 on 14/6 and 28/6 (ING, AHG). Judgeford, 1 on 22/5 (ING). Boulcott Golf Course, Lower Hutt, 1 on 11/5 (JAG), 1 on

13/5 (AHG). Rai Valley, 2 on 15/5 (BE), 1 in Jun (PDG). Grove-town, up to 14 present Jul-Sep, 7 on 29/9 included 3 with buff on head, chest and back, 3 with buff on head and chest only and 1 all white; 25 all white on 28/5 (DJB). Blenheim SP, 1 on 25/5 with band (JCH). Appleby, 2 on 17/4 (BE), 6 in Jun (MLG). Waimea, 1 on 23/4 (BE). Rotomanu, Westland, 1 on 25/3 (PJF). Kowhiterangi, Hokitika, 1 on 16/9 (CSL). Travis swamp, Christchurch, 2 on 29/5 (D. Buzan). Bromley SP, 5 on 22/5 (D. Buzan), 6 on 16/6 (TC). Earnsclough, Alexandra, 1 on 28/5 which stayed 2 days (PC). West Plains, 11 on 27/6 (RRS). Te Anau, 3 on 26-27/5, 3 on 6/6, 2 on 11/6, 3 on 14/6, 3 on 18/6 (KM, JVM).

BITTERN *Botaurus poeciloptilus*

Hokianga H, 39 during full harbour survey 4/9 to 10/3 (RMB, AMD). Mangawhai, 1 on 27/11 (GJE). L Kereta, Kaipara H, on 8/8, 9 including 3 pairs disturbed from a single reed-bed (MJT). Waiwera, 1 on 6/6 (KRB). FoT census, 2 on 5/12, being 1 at Piako E and 1 at Whakatiwai/Kaiaua (BB). Maoro, 2 on 25/10 (BB). Waihi Beach, 1 on 21/3 (BCh). Tuapiro R est, Tauranga H, 26/12, adult flushed in rushes; nearby 2 half-grown young crouching in reeds with number of small eels on ground; parent must have been disturbed while feeding young. No sign of nest on 26/12. Two flushed in same area on 2/2, one of which could not fly (BCh). Waititi Wetlands Reserve, 6 on 29/12 (BHS). Tarawera R mouth, 2 on 18/7, 25/10, 27/3, 12/6 (PCML, WMH). Thornton lagoon, 3 on 6/6 (RMW). L Whakamaru, reported from 14 locations 26/3 (JGI). L Aniwhenua, 1 on 28/11 (JGI). L Rotongata, Okataina Scenic Reserve, 1 on 12/3 (MCS). Tolaga Bay, 1 regularly seen over past 3 years (JCH). Matawhero lagoon, 1 on 15/10, 2 during Mar-Apr 1983 (EJJ). Bell Block SP, 3 on 17/10 (DGM). Beach Road, Omata, 2 on 8/3 (RO). Ahuriri, 2 on 8/10 (KVT). Omanuku lagoon, 1 on 18/7 (LJD, CR & PMS). L Kaikokopu, 2 on 18/7 (LJD, CR & PMS). L Ngakawau, 2 on 17/7 (LJD, RAC). 1 on 27/2 (LJD). Rakahumama lagoon, 1 on 2/10 (RAC, SEC). L Wairarapa, 10 seen between 23/11 and 30/1 also 6 heard; 12 seen between 8/3 and 6/4 (PJM). Dune L, S of Hokio Beach, 6 on 1/6 (RP). Waimeha Lagoon, Waikanae, 1 on 17/4 (PJM). Orowaiti est, Westport, 1 on 28/1 (DJO). Cape Foulwind, 1 on 15/2 (DJO). Charles-town, 1 on 6/11 (DJO). Martins Bay, 4 on 28/11 (KM, JVM).

YELLOW-BILLED SPOONBILL *Platalea flavipes*

Te Whiti, 1 on 22/12/81 (CES) and 24/12/81 (TCD, CES).

ROYAL SPOONBILL *P. regia*

Paua, 1 on 12/8; Walker I, Rangaunu, 5 on 24/5 (RMB, AMD). L Waahi, 1 on 18/3 (PJA). Whakatane R mouth, 1 arrived on 20/5 and was still present 30/6 (WMH). Westshore, 2 on 10/7 (PWT, MT), 2 on 8/5 (ACS, KVT). Wanganui R at Wanganui, 1 on 2/6/80 and on 8/6/80 (OCT). Manawatu R est, 1 or 2 from Jul to 9 Oct, then none to 1/2. Present to end Jun — maximum 36 on 1/5 (JLM, MM); 21 on 26/5 (TPB, RO). Porirua H, 1 on 7/4 and 20/4 (KLO). Paramata, 1 on 12/4 (RP), 1 on 21/4 (JHS). Motueka est, 8 on 14/8 (JMH), 12 on 30/4 (BE), 17 May-Jun (JMH). Waimea est, 7 on 8/8 (PM), 12 on 9/4 (BE). Nelson Haven, 1 on 12/11 (GO).

Wairau lagoons, 20 on 9/4 (DJB). Wairau Bar, 8 on 23/4 (WFC). Vernon's Lagoon, Blenheim, 15 on 2/4 (CMM). Christchurch SP, 5 on 4/11, 16 on 17/4/82, 3 on 2/5/82, 1 on 5/6 (D. Buzan); 2 on 21/5 (DJB). L Ellesmere, 6 autumn 1982 (CFJO). Kaituna, L Ellesmere, 3 in breeding plumage on 24/1, 1 carrying sticks (BE); 3 on 25/2 (D. Buzan).

PLUMED WHISTLING DUCK *Dendrocygna eytoni*

Lower Waipa R, 4 on 29/5/82 reported by shooters (DAL).

MUTE SWAN *Cygnus olor*

L Poukawa, 18 on 3/4 (KVT). Blenheim, 3 on 2/2 (P. Jenkins). Ward, 1 on 1/3 (TJT). Waiuku, 1 on 20/5 (BE). Bromley SP, 4 on 16/6 (TC).

BLACK SWAN *C. atratus*

Paua, 200+ on 20/10 (BHS, JHS). Manukau H census, 38 on 26/6, 6 on 14/11 (BB). FoT census, 1 on 17/7, 10 on 5/12 (BB). Hamilton L census, 54 and 7 juv on 19/9, 66 and 4 on 27/2, 52 and 5 on 16/4 (MAB). Aotea H census, 0 on 6/11 (BHS). Kawhia H census, 355 on 11/7, 2 on 6/11, c.800 on 26/6 (BHS). Rototahi, 2 nests on 11/11 with birds sitting; now spreading N towards East Cape (JCH, MAW). Matawhero Lagoon, 18 adults, 12 cygnets, 2 nests 15/10 (EJJ). Muriwai Lagoon, 23 on 12/7 (BRK). L Poukawa, c.300 on 6/7 (KVT). Westshore, 64 on 26/2 (census) (KVT). Foxton No. 1 L, 320 on 5/6 (JLM, MM), 550 on 18/7 (LJD). Foxton Loop, maximum c.150 on 1/8 (JLM, MM). Waimeha Lagoon, incubating 28/8, hatched 29/8 (7 cygnets); pair produced second brood of 3 cygnets about 7 days old on 5/3; 2-6 sometimes in ponds in estuary in Mar (CAF, MAF). L Grassmere, 260 on 25/7 (TJT), 130+ on 16/10 (DJB). Kaikoura, 9 on 3/6 swimming offshore (BE). L Karoro, Greymouth, 2 on 9/4 (CSL). L Brunner, 108 on 17/1 near outlet (CSL). L Poerua, Westland, 5 on 4/3 (PJF). Ahuriri R, 5 nests as early as 28/7 (CFJO). L Selfe, 6 on 10/2 (JHS, BHS). Washdyke Lagoon, 75 on 30/1 (PMS), c.20 on 27/5 (BHS).

CANADA GOOSE *Branta canadensis*

Hamilton L census, 4 on 19/9 and 27/2, 3 on 16/4 (MAB). Kaituna Cut, 1 or 2 on 23/10 and 12/2 (PCML, WMH, RMW). Little Waihi, 2 on 18/7 (RMW), 10 on 16/1 (GAT). Matata, 2 on 22/5 accompanied by domestic goose and also on 26/6 (PCML, BCH, AMcC). L Aniwhenua, 4 on 8/8 and 5/9 (WMH). L Rotoehu, 2 adults 1 juv on 6/2 (RWJ). East Cape area, recent arrivals (3 years) but now well established (JCH). Wairoa area, local population grown from c.800 to 1200 in past 12 months (EJJ). Barrett Lagoon, New Plymouth, 65 on 5/3, 83 on 30/4 (DGM, RMW). L Mangamahoe, New Plymouth, 15 on 13/3 (DGM, RWW). Southern Marsh, Ahuriri, 17 on 23/10 (PWT, MT, KVT, ARG). Somes I, 2, Jul to Sep (AJB). Nelson Haven, 6 during winter 1982 (JMH). Lower Wairau, 11 on 26/3 (P. Jenkins). L Elterwater, 90 on 19/5; L Grassmere, 35 on 25/7 (TJT). L Rotorua, Kaikoura, 4 on 8/11 (BE). Bluff Station, 4 on 28/2, only 1 could fly (TJT). Blaketown lagoon, 3 on 9/4 roosting on mudflats (CSL). Ahuriri R, nesting as early as 30/7 (CFJO). Hope-Kiwi Stream, L Sumner FP, 1 on nest with 5 eggs

on 10/10 (BE). Washdyke Lagoon, 24 on 30/1 (PMS), 200 on 22/5 (WJC). L Hauroko, 24 on 6/4 (WJC).

PARADISE DUCK *Tadorna variegata*

Te Werahi Beach, 2 on 24/4 (ASR, JMR). Paua, 30+ on 20/10 (BHS, JHS). Helensville, pair on 31/10 with 7 ducklings (MJT). Karaka, Manukau H, 16 on 12/6 (KJF). Manukau H census, 12 on 26/6, 16 on 14/11 (BB). Wharekawa, FoT, 26 on 3/5, an unusually large flock (TGL, RBS). Hamilton L, 1 male on 1/6 (MLDS). Pureora, c.25 on 6/6 mostly in pairs at top of Scott Road (JHS, BHS). Marakopa, 111 on 4/1 (PCML). Matata, numbers lower than they have been since 1977; highest count 26 on 18/7, and pair seen with 5 subadults 7/5 (PCML). Kaituna Cut, 2 pairs on 29/8 (PCML). Te Teko, 1 pair in Spring 1982 with 6 ducklings (RMW). L Aniwhenua, c.60 on 9/1 (RMW). Ohope SP, 12 on 1/1, 3 of which were juv (RMW). Hinemaia R, L Taupo, c.150 on 13/1 on upper hydro lake (WAW). L Rotoehu, Soda Springs outlet, 2000+ on 30/3 (GAT). Te Karaka, Gisborne, 2000+ resting in paddock on 23/4 (JCH, MAW). Uruti Valley, 33 on 2/7 (DGM, ICM, RWW). Mimi R, near mouth, 41 on 24/7 (DGM, JCM, RWW). Barrett Lagoon, 62 on 5/3 (DGM, JCM, RWW). Ahuriri, c.80 on 25/7 grazing in field (ARG, ACS, KVT). L Poukawa, c.300 on 3/4 (KVT). Horseshoe L, c.400 on 14/5 (KVT). Ohakune, 139 on 23/12 (JLM, MM). Kawhata Valley, Mangakokeke Stream, W Ruahines, 42 on 29/1 (LJD). Fernleigh, 78 on 23/12 (BE). Pauatahanui Inlet, 20 on 30/5 (AHG, ING). Mangaroa and Whitemans Valleys, Upper Hutt, up to 6 pairs present throughout the year (AHG). Maud I, pair in May (WFC). Ward, 290 on 1/6 (TJT). L Poerua, Westland, 16 on 23/2 (PJF). Upper Leader R, 200 in moult on farm pond on 2/1 (LJD, SEG). L Lyndon, 1 pair with 6 juv on 10/2 (JHS, BHS). L Henrietta, c.400 probably moulting on 10/2 (JHS, BHS). Southland, Jan, 14 335 in 14 moulting flocks — estimated population 20 000 and increasing (RRS).

CHESTNUT-BREASTED SHELDUCK *T. tadornoides*

The 1983 records are being collated separately.

MALLARD *Anas platyrhynchos*

Paua, 50+ on 20/10 (BHS, JHS). Manukau H census, summer 456, winter 2830 (BB). FoT census, summer 203, winter 1387 (BB). Hamilton L census, 352 and 33 juv on 19/9, 2335 on 27/2, 2640 on 16/4 (MAB). Te Kouti L, Cambridge, c.2000 on 5/6 (JHS, BHS). Kawhia H census, 520 on 11/7, 25 on 6/11, 150+ on 26/6 (BHS). Te Kuiti SP, 180+ on 31/8 (AMCD). Papamoa Beach, c.50 on 8/8 about 200 m offshore; Maketu est, c.100 on 29/8; Matata, present all the year, highest count c.1000 on 7/5 (PCML). L Rotoehu, Soda Springs outlet, 2000 on 30/3. This high number perhaps due to birds forced off farm ponds by drought (GAT). Westshore, c.400 on 10/7 (KVT), c.150 on 1/8 in small flocks flying high towards Westshore (ARG, KVT). Hokitika R mouth, 27 on 20/6 (NJW). L Lyndon, 3 on 10/2 (JHS, BHS).

GREY DUCK *A. superciliosa*

Karaka, Manukau H, 4 on 29/3 (TC). Manukau H census, 2 on 14/11, 7 on 26/6 (BB). FoT census, 3 on 17/7 (BB). Kauaeranga

Valley, 4 on 26/9 near Forest HQ (RMW). Hamilton L census, 0 on 19/9, 27/2 and 16/4 (MAB). Te Koutu L, Cambridge, 10 on 5/6 (JHS, BHS). L Whakamaru, 12 on 25/3 by dam (BHS). Matakana I, c.10 on 11/7 at wetlands at N end (PCML). Matata, present all year, highest count c.60 on 27/5 (PCML). Ahuriri, 2 on 25/7 (ARG, ACS, KVT). Horseshoe L, 3 on 14/5 (KVT). L. Ngakawau, 10 on 17/7 (LJD). Pauatahanui Inlet, 2 on 20/2 (JHS). Waimeha Lagoon and Waikanae est, up to 4 pairs irregularly seen (CAF). Upper Wairau, 13 on 20/3 (P. Jenkins). L Rotorua, Kaikoura, 16 on 20/9 (BE). Blaketown Lagoon, 9 on 9/4 (CSL). L Karoro, Greymouth, 8 on 9/4 (CSL). L Brunner, 12 on 17/7 at outlet (CSL). L Lynden, 11 on 10/2 (JHS, BHS). L Selfe, 2 on 10/2 (JHS, BHS).

GREY TEAL *A. gibberifrons*

Karaka, 14 on 29/3 (TC), 10 on 25/4 (SD). Manukau H census, 2 on 14/11, 21 on 26/6 (BB). Access Bay/Miranda, FoT, 32 on 23/5, 40 on 19/6 (SD). FoT census, 3 on 17/7 (BB). Te Kuiti SP, 1 on 31/8 (AMCD). Matakana I, 2 on 15/5 at wetlands at N end (PCML). Kaituna Cut, present on each of 11 visits made over year, numbers ranging from low of 26 on 1/1 to high of c.150 on 5/3 (PCML, RMW). Kawerau freshwater lake, Tasman Pulp and Paper ponds, pair on 13/10 (a likely first record for Kawerau) (RMW). L Aniwhenua, c.25 on 9/1 (RMW). Awaitei wetlands, 7 on 29/12 (BHS). Awamate lagoon, 15 on 9/7 (BRK). Korito lagoon, Wairoa, 15 on 17/4 (GAF). Wairoa R, 8 on 1/6 (GAF). Westshore, southern marsh, c.170 on 8/5 (ACS, KVT); c.120 on 10/7 (KVT). Horseshoe L, c.150 on 14/5 (PGM, KVT). Foxton No. 1 L, 19 on 27/2 (CRS, PMS, MKT). Manawatu R est, up to 25 from 30/4 to 30/6 (JLM, MM). L Ngakawau, 15 on 27/2 (LJD, RAC, SEC). Pauatahanui Inlet, 6 on 24/4 (AM). L Rotorua, Kaikoura, 23 on 8/11, pair with 4 young; 23/12 pair with 3 young (BE). Fernleigh, 5 on 23/12 (BE). Iveagh Bay, L Brunner, 5 on 18/9 with 24 NZ Scaup (NJW). Hokitika SP, 1 on 3/2 (DJO). Christchurch SP, 140 on 2/5 (D. Buzan). L Te Anau, 27 on 16/6 (JVM). Waimatuku, 90 on 19/3 (KM, JVM).

BROWN TEAL *A. chlorotis*

Matakana I, 1 on 25/9 reported by A. Saunders and P. Anderson, Wildlife Service, at wetlands N end (PCML).

NEW ZEALAND SHOVELER *A. rhynchotis*

Mangere SP, 4 on 6/12 (RBS). Manukau H census, 3 on 14/11, 7 on 26/6 (BB). FoT census, 18 on 17/7 (BB). Te Koutu L, Cambridge, 2 males and 1 female on 5/6 (BHS, JHS). L Whakamaru, 4 on 25/3 (BHS). Te Kuiti SP, 12 on 31/8 (AMCD). Matakana I, 10 on 15/5 at wetlands N end (PCML). Kaituna Cut/Maketu est, always present; c.20 on 4/6 (PCML). Matata, present throughout year, c.50 on 17/4 (PCML). Little Waihi, c.30 on 18/7 (RMW). Kawerau freshwater lake, Tasman Pulp and Paper ponds, 3 pairs on 13/10 (RMW). L Aniwhenua, 6 on 9/1 (RMW). Te Puia Springs, 4 on 12/9 (JCH). Rototahi, 5 on 13/9 (JCH). Korito Lagoon, Wairoa, 35 on 17/4 (GAF). Bell Block SP, 10 on 30/10, 50 on 24/4 (DGM, RWW, RO, REL). Barrett Lagoon, 6 on 31/10,

14 on 30/4 (DGM, RWW, RO, REL). Westshore, c.200 on 25/7 (ARG, ACS, KVT). L Poukawa, c.300 on 3/4 (KVT). Horseshoe L, c.100 on 14/5 (KVT). L Rotokura, near Ohakune, pair on 20/12 (JLM, MM). Wanganui R at Wanganui, 2 on 15/5 (OCT). Omanuka Lagoon, 93 on 18/7 (JLD, CRS, PMS). Foxton No. 1 L, 153 on 18/7 (LJD, CRS, PMS). Foxton Loop, 80 on 25/9 (JLM, MM). L Horowhenua, 550 on 18/7 (BDH). Waimeha Lagoon, 22 on 9/5/82; 24/10 nest with 9 eggs, rising to 11 before desertion after mower passed over them; 4 ducklings reared by Nga Manu Trust (CAF, MAF); 12 on 23/5 (DJB). L. Horowhenua, 550-600 on 18/6 (AHG, ING). Waikanae est, 2 pairs 9/5/82; 10/7 up to 32; drakes refeathering after eclipse, 5/3 (CAF, MAF). Hapuku, 1 on 18/11 (BE). L Rotorua, Kaikoura, 3 on 18/11 (BE). Fernleigh, 2 on 23/12 (BE). Washdyke Lagoon, c.60 on 27/5 (BHS). L Te Anau, 44 on 16/6 (JVM).

BLUE DUCK *Hymenolaimus malacorhynchos*

Ongarue Road near Te Kuiti, 1 pair on 8/6 (RG, GPG). Whirinaki R, pair in Aug (WMH). Manganuku Stream off Waioeka Gorge, pair with 3 young on 17/10 (RMW). L Whakamaru, on adjacent lagoon, 1 present for last three years (JGI). Waitangarua Stream, Motu, 2 on 13/11 (JCH). Mokonui Stream, Rere, 2 on 4/2 (JCH, MAW). Otoko, near Te Karaka, 2 adults with 4 fledged young on 18/9 (BGJ, SCJ). Makatote Stream, 1 on 17/4 (RO). Flora Stream, Nelson, 3 on 1/4 (BE). Blue L, 1 in Jan (SR, JR), 4 on 23/4 (DJB). Lower Sabine, 1 on 22/4 (DJB). Top Valley, Wairau, 2 on 19/6 (P. Jenkins). Branch R, 1 on 21/11 (GIR). Lower Clarence Gorge, 1 on 12/12 (GIR). Acheron, Clarence, 1 on 18/2 (GIR). Totare R, Westland NP, 2 on 8/5 (D. Buzan). Doubtful R, 1 on 27/2 (GW). Lower Spey R, 2 on 4/12 (WJC).

NEW ZEALAND SCAUP *Aythya novaeseelandiae*

Waiwera, Straka's Refuge, 5 on 12/12 with 17 ducklings; 14 on 15/5 (MJT). L Kereta, Kaipara H, 12 on 18/8 (MJT). Waipapa Dam, 10 on 27/3 (BHS). Whakamaru, 16 on 25/3 on lagoon NW of dam (BHS). Matakana I, 13 plus a duck with at least 4 ducklings on 6/11 (PCML). L Rotoiti, west arm, 3 ducks with broods (one with seven young) on 20/2 (PCML). L Rotorua, near Sulphur Point, flock of c.330 on 20/2 (only 10 were ducks) (PCML). Matata, present all year, 36 on 17/4 (PCML), 54 on 28/4 (GAT). Awaiti wetlands, 2 on 29/12 (BHS). Thornton Lagoon, 17 on 27/5 (PCML). New Plymouth, Barrett Lagoon, 1 with 4 young on 13/3; 2 on 30/4; L Mangamahoe, 28 on 13/3, 91 on 16/4, 103 on 30/4 (DGM, RWW, RO). Westshore, 2 on 31/8 (KVT). L Tutira, 1 pair with 10 young 27/10 (PWT, MT). Horseshoe L, 200+ on 4/4 (BDH, KVT). Kaitoke, Wanganui, 2 on 18/7 and 2 on 25/7 (OCT). Waimeha, 1 on 6/3 (last record Mar 1980) (CAF), 1 in Apr (PJM). Lower Clarence gorge, 4 on 12/2 (GIR). L Rotorua, Kaikoura, 64 on 20/9; 36 on 8/11 some with young; 1 with 7 young on 23/12 (BE). Fernleigh, 22 on 5/7; 1 with 5 young, 1 with 4 young 23/12 (BE). L Daniels, Lewis Pass, c.25 on 3/7 (DJO). L Kanieré, c.15 on 3/2 included 1 pair with 1 young (DJO); 3 adult and 3 juv plus 1 adult with diving chick on 8/2 (NJW). Christchurch SP, c.44 on 8/5/82, 35 on 28/5 (D. Buzan). Upper Leader Valley, 2 on farm lake on

2/1 (LJD, SEG). St Anne's Lagoon, family groups, 4, 5, 5, 6 and 7 ducklings on 14/1 (BE). L Selfe, 34 on 10/2 (JHS, BHS). Manuherikia and Clutha Rivers confluence, 2 males on 28/5 (PC). L Te Anau, 178 on 18/6 (KM, JVM). L Hauroko, female on nest 21/10 and another on 19/12 (WJC).

AUSTRALASIAN HARRIER *Circus approximans*

Opuawhanga, 1 on 27/7 being harassed by small flock of Mynas; 5 on 8/8 circling Pig's Head Trig — courtship displays and calling; 1 on 14/5 caught in cage trap (baited with possum meat for wild cat), released but took some hours to recover (JFS). Te Matai SF (N Rotorua), 3 on 14/6 circling and calling (GAT). Gisborne suburb, 2 reversed usual conduct in attacking and driving off 3 harassing White-backed Magpies 5/2 (JCH). Westshore, 13 on 26/2 (census) (KVT). Kaitoke, 7 on 25/9 soaring at same time (AHG, ING). Upper Wairau, 2, dark coloured, walking round paddock lifting feet high in long grass on 12/2 (P. Jenkins). Blenheim, regularly seen over paddock with clumps of cleared timber (DJB). Ward, 1 on 13/3/82 pursued by 2 Spur-winged Plover; 1 on 27/5/82 using thermal to rise 200-300 m, circling in 10 m circles; 1 on 10/9 pursuing rabbit; 2 on 1/6, 1 examined wind-blown plastic bag and other had Fantail in talons (TJT). Hodder Valley, 1 on 4/9 (GIR). Train Stream, Inland Kaikouras, 2 on 6/9 (GIR). Acheron, Clarence, 1 on 18/2 (GIR). Kaikoura Pen, 1 on 15/12 (BE). Hokitika, 1 on 27/8 displaying (NJW).

NEW ZEALAND FALCON *Falco novaeseelandiae*

Pukekawa Road, near Waihi, 1 on 25/5 (A. B. Taylor per BB). Kawhia, 1 on 26/6 E of Oparau, sitting on fence (BJZ). Piopio, 1 on 4-6/6 SE of Piopio flats (RG, GPG). Rangitoto Ranges, 1 on 2/10 calling as it flew overhead, in Cowan Block (JHS, BHS). Manganuku Stream, off Waioeka Gorge, 1 on 17/10 in flight (RMW). Waipakihi R valley, Kaimanawa, 2 on 15/12/81; 1 on 2/1 within 1 km of previous sighting (DR). Rotorua, 1 on 19/10 harassed by Tui (MCS). Okahukura SF, W Taupo, 2 on 18/3 (JWH). Tolaga Bay, 1 on 6/4 in gorge (JCH). Waihirere Domain, Gisborne, 1 on 6/12 attacking 2 Harriers (BRK). Muriwai, Gisborne, 1 on 6/4 chasing small passerines (BGJ, SCJ). Egmont NP, 1 at N Egmont on several occasions (AAB). Marangae area, E Taranaki, 1 in Jun 1982 (J. Clark). Donald R, Kaweka Range, pair with juv and a second female on 1/1 (REW). Puketitiri, 3 on 5/1 (REW). Purity Hut Track, Ruahine Range, 2 on 21/8 (RAC, LJD, CRS, PMS). Rakauhumama Lagoon, 1 on 2/10 (RAC, SEC). Trentham, 1 on 18/7 flying south 10 m above SH2 (AHG, ING). Day's Bay, 1 in Apr (GE). Mt Campbell, 1 on 6/3 (BE). Upper Sabine, 1 in Jan (SR, JR). St Arnaud, 1 on 5/5 (P. Jenkins). Catsears Saddle, Omaka, 2 on 3/4 (CMM). Charlestown, 1 on 25/4 (DJO). Callery Valley, Westland NP, 1 on 11/5 (D. Buzan). Raspberry Creek, W Matukituki Valley, 1 on 5/8 (PC). Cromwell Gorge, 1 on 26/12, could feed on feral pigeons in craggy area (PC). Matukituki Valley E. large female on 23/3 picked up small bird (pipit?), flew off down valley, chased and attacked by 4 White-backed Magpies (PC). Caples Valley, 1 calling and hunting with Harrier along hillside of bracken and manuka on 15/5 (PC).

CHUKOR *Alectoris chukar*

Awatere Valley, 4 on 23/4 (GIR). Cromwell, Clutha Bridge, 2 on 3/12 (WAW).

BROWN QUAIL *Synoicus ypsilophorus*

Matauri Bay turn-off, 6 on 16/4 (JFS). Wharekawa, FoT, covey of 5/6 in fennel on 4/5 (RBS). Tuapiro est, Tauranga Harbour, 2 on 17/10 (PCML). Kaituna Cut, some birds seen on most visits, highest count a flock of 6 on 12/2 (PCML, RMW). Thornton, 8 on 6/6 (RMW). Galatea, 12 on 8/2 (WMH). Maketu sandspit, c.12 on 16/1 (GAT).

CALIFORNIAN QUAIL *Lophortyx californica*

Pauanui, 21 on 14/9 having sandbath (JGH). Tuki Tuki R flat, 9 on 31/8 (KVT). Totara Park, Upper Hutt, 4 on 1/1 (AHG, ING). Ward, fewer clutches raised, though many pairs around Jan 1982; good numbers in Jun 1982 (TJT). Upper Wairau, 1 adult with 4 half-grown young on 19/3 (P. Jenkins). Upper Leader Valley, 4 on 1/1 at edge of kanuka forest (LJD, SEG).

BANDED RAIL *Rallus philippensis*

Hokianga H, 284 on full harbour survey 4/9 to 10/3 (RMB, AMD). Puhoi Bridge on SH1, 1 on 13/12 and 30/5 (TC). Milford Marina, 1 on 15/2 in mangroves (BAB). Man-O-War Bay, Waiheke I, 2 adults on 13/1 with three black downy chicks; on 24/1 chicks showing feathers (BS). Southdown, 1 heard on 5/7 (BJG). Soldiers Bay, Birkenhead, sighting of 1-5 birds between 28/3 and 29/9 (MG). Keri Hill, Papakura, 1 at dusk May 1983 (Mr Hutchison, Ranger, per BB). Kawhia H, 2 on 4/1 (FLS). Tuapiro est, Tauranga H, 1 on 6/1 (BCh). Maketu, 1 on 14/8 (PCML). Little Waihi, 1 on 12/2 coming out from reed clump on brief feeding forays at midday (PCML), 2 on 13/10 (GAT).

WEKA *Gallirallus australis*

Kawau I, much in evidence around Mansion House on 24/12 (MJT). Waitakere Ranges, recent release of 19 birds reported in *Environment*, Auckland Region Newsletter, Sep 1982 (per MJT). Gisborne, still breeding freely in urban areas 1982/83 (JCH, MAW). Muriwai, Gisborne, slowly returning after absence of several years (JCH). Manganuku R, Waioeka Gorge, 2 on 2/1 (BRK). Ngaruru Bay, Arapawa I, 1 heard on 11/3 (PDG). St Arnaud, 1 heard on 4/6 (P. Jenkins). Paynes Gully, Kumara, 1/8, tame male with one leg seen with mate and chicks (CSL). Entry I, Breaksea Sound, 2 heard and 1 seen 5/2 (WJC).

MARSH CRAKE *Porzana pusilla*

Hokianga H, Hobson Road swamp, 1 on 4/9; Te Tio, 1 on 8/12; Rangiahua, 1 on 21/2 and 2 on 22/2 (RMB, AMD). L Roto-kauri, W of Hamilton, 1 on 28/9 (PJA). L Horowhenua, NW corner, 1 on 29/5 responded to tape (RP). Appleby, 3 on 20/2 (BE).

SPOTLESS CRAKE *P. tabuensis*

Hokianga H, 17 on full harbour survey 4/9 to 10/3 (RMB, AMD). Matakana I, 2 on 25/9 at wetlands at N end by Wildlife Service (PCML). Tarawera R mouth, seen and heard on visits made

in Jul, Oct, Jan (WMH, RMW). Awaiti wetlands, seen or heard on visits made in Jun/Jul (WMH, RMW). Kaingaroa SF, Kiorenui Road, 1 on 11/7 seen in roadside swamp (WMH). L Whakamaru, in most raupo beds over 0.5 ha in area 26/3 (JGI). Hurworth, near NP, 3 responded to tape calls on 9/3 and 16/3 (RWW, TPB, RO). Peka Peka swamp, HB, 3 called in response to tape 17/7; 1 seen on 4/9 (PWT, MT). JK Donald Reserve, 2 seen, 1 heard on 8/3 (PJM).

PUKEKO *Porphyrio porphyrio melanotus*

Shakespear Regional Reserve, Whangaparaoa, very numerous 23/4 (MJT). Karaka, Manukau H, 43 on 7/6 (KJF). Hamilton L census, 5 on 19/9; 11 and 2 juv on 27/2; 13 on 16/4 (MAB). L Rerewhakaitu, 59 on 19/6 in SE arm (GAT). L Poukawa, 90 on 6/9 (KVT). Westshore, southern marsh, 57 on 10/7 (KVT). Ball's Clearing, HB, 1 perching in canopy of rimu tree on 12/9 (KVT). Westshore, c.20 around water trough on 8/5 (KVT). Kelburn, 1 in Nov killed by car (CDC). Hapuku Stream, 3 on 17/4 (GIR). Rotoiti, Kaikoura, pair on 30/1 (GIR). Oligri Station, Galloway, 23 on 14/4 (PC).

AUSTRALIAN COOT *Fulica atra australis*

Hamilton L census, 34 on 19/9, 58 on 27/2, 77 on 16/4 (MAB). Te Koutu L, Cambridge, 2 on 5/6 (JHS, BHS). L Aniwhenua, 12 on 9/1 (RMW). Barrett Lagoon, New Plymouth, 2 on 28/1 with maximum of 6 on 5/3; L Mangamahoe, 3 on 10/4; first records of the species from both places (DGM, REL, RWW, TPB, RO). Horseshoe L, HB, 15 on 4/4 (BDH, KVT). Virginia L, Wanganui, 150 including 26 juv on 23/1 (LJD, SEG). Centennial Lagoon, Palmerston N, 15 on 13/3 (LJD, SEG). Waimeha Lagoon, Waikanae, 1 in Nov (PJM). St Anne's Lagoon, 9 on 5/10, 10 on 14/1 (BE).

SOUTH ISLAND PIED OYSTERCATCHER

Haematopus ostralegus finschi

Paua, 65 on 20/6 (RMB, AMD); 15 on 20/10 (BHS, JHS). Houhora, 120 on 29/5; Rangaunu, 64 on 4/4; Herekino, 11 on 13/7 (RMB, AMD). Huia, c.50 on 10/7 (RBS). Cornwallis, 220 on 10/7 (RBS). Karaka, 5000-6000 regularly in non-breeding season; 1 partial albino on 25/2, brownish rather than black with light orange bill (BB). Manukau H census, 4049 on 14/11; 25 587 on 26/6, an increase on the record 1979 count (BB). Hingaia Bridge, Drury Creek, a tidal arm of Manukau H on 12/6, tide half out, little flocks arriving to feed on rocky reefs as these were exposed, activity not seen here before. Birds are seeking new feeding areas as numbers increase (BB). Access Bay, FoT, winter flock c.2500 and up to 3000 on one occasion, 23/5 (BB, SD). FoT census, 1670 on 5/12, 11 446 on 17/7 (BB). Aotea H census, c.90 on 6/11 (BHS). Kawhia H census, 2664 on 11/7, c.90 on 6/11, 2598 on 26/6 (BHS). Bowen-town shellbanks, nearly always some present; high counts of 275 on 11/7, 286 on 30/1 and c.350 on 15/5; drop in breeding season to c.50 in Nov (BCh, PCML). Sulphur Point, Tauranga, 31 on 28/5, not usually seen at S end of H; shooting at N end may have driven them down (BCh). Little Waihi, 12 on 18/7 and 9 on 4/6

among 43 *H. unicolor*. A few winter each year (PCML, RMW). Rangitaiki R mouth, 1 on 3/7 (WMH). Ohiwa, 147 on 20/2 (WMH). Muriwai Lagoon, Gisborne, 14 on 24/1 (BRK). Mokau est, 5 on 17/4 together with an albino with usual coloured bill but noticeable black rings around eyes (B. Stephens). Bell Block SP, 3 on 6/2 (RO). Tongaporutu est, 9 on 27/8 (RWW). Oakura, 30 on 1/1 (JCM). Ngaruroro R, first bird present on 31/8, nest with 2 eggs 26/9 (PWT, MT). Westshore, 16 on 26/2 (census) (KVT). Manawatu R est, 94 on 12/2 (JLM, MM); 98 on 27/2 (LJD). Waikanā est and beach, 18 on 26/3 (CAF, MAF). Grassmere, 41 on 6/10 (P. Jenkins). Cape Campbell, 6 on 30/5/82 (TJT). Hodder, Awatere, 2 on 23/4 (GIR). Acheron, Clarence, 2 on 18/2 (GIR). Kaikoura, c.20 on 19/5 (PCML). Inland Canterbury: Studholm, 7 on 1/7; Pukeuri, 6 on 3/7; inland from L Ellesmere 59 on 14/7; Temuka 5 on 26/7; Duntroon, 2 on 26/7; Ahuriri R up to 200 by 27/7 (CFJO). Waikuku, 454 on 18/6 in swampy paddock (PMS). L. Ellesmere, 85 on 5/9, 102 on 5/3 (D. Buzan). Washdyke Lagoon, 17 on 27/5 (BHS). Masons Bay, Stewart I, 20 on 6/7 (CMM).

VARIABLE OYSTERCATCHER *H. unicolor*

Spirits Bay, 54 on 25/4 and 26/4 (ASR, JMR). Te Paki Stream, 142 on 19/12 (RMB, AMD). Paua, 23 on 14/7 (RMB, AMD), 2 on 20/10 (BHS, JHS). Kokota Spit, 90 on 22/9 (RMB, AMD). Rarawa Beach, 4 on 22/10 (BHS, JHS). Rangiputa Bank, 6 on 21/10 (BHS, JHS). Pakiri, 46 on 17/10 (MJT). Papanui Inlet, Kaipara H, 25 on 1/1 (MJT). Waiwera est, 22 on 17/4 roosting with c.150 SIPO (MJT). Te Matuku Bay, Waiheke I, 2 pairs present all year but unsuccessful breeding for last two seasons (BS). Sand I, Waikato R mouth, 2 on 25/10 (BB, DFB, BAE). Karaka, Manukau H, 1 on 5/5 (KJF). Manukau H census, 2 on 14/11, 3 on 26/6 (BB). FoT census, 4 on 5/12 (BB). Opoitere Spit, 2 pairs nesting on 29/12, 1 pair with chicks on 1/1 and second pair with 1 chick being fed and one hidden on same day (BB). Aotea H census, 2 on 6/11 (BHS), 4 and 2 juv on 3/1 at S Head Beach (FLS). Kawhia H census, 3 on 11/7, 2 on 6/11, 2 on 26/6 (BHS); 2 and 2 juv on 3/1 at Karewa Lagoon (FLS). Bowentown shellbanks, pair nested in Nov raising 1 chick; 34 wintering with SIPO 15/5 and 27 previous winter on 11/7 (BCh, PCML). Bowentown ocean beach, 7 on 2/10; 2 were pied, 2 smudgy pied, 1 smudgy, and 2 black, a rare combination for the area (PCML). Matakana I, northern 6 km on ocean beach, 3 pairs on 25/9 holding territories; southern 12 km 12 pairs on 25/9 plus 3 recently shot birds. Harbour side, including sand banks and islands, 13 pairs all appeared holding territories, 24/7 (BCh, PCML). Sulphur Point, Tauranga, 5 pairs nested Nov-Dec, first nest with 2 eggs found 16/11, other 4 nests each 3 eggs; no chicks raised — Black-backed Gulls probable culprits (BCh). Kaituna Cut, 6 on 1/1, pair with subadult on 27/1, 2 pied subadults 16/4 and one chasing SIPOs in flight 5/1 (PCML). Little Waihi, 27 on 5/1, 43 on 4/6 (PCML). Pukehina Beach to Otamarakau, 4 pairs holding territories 19/9 (PCML). Tarawera R mouth, usually a resident pair but 3 birds on 18/7, 2 adults and 1 subadult on 17/4 and 25/4 and 4 adults and 1 subadult on 7/5 (PCML). Ohope Spit, 5 pairs on 24/9 and 9/10 (WMH, PCML). Motu R mouth, 2 on 20/1 (GAT). Whangaparaoa Beach (near East Cape), 6 adults with

2 dependent subadults 19/1 (GAT). Pouawa R outlet, 21 on 12/5 black phase (JCH). Turihaua, East Coast, 19 on 22/5 (BRK). Muriwai Lagoon, Gisborne, 8 on 12/7 (BRK). Mahia pen, 14 on 14/11 (GAF). Rangitikei R est, 5 on 15/5 (GRS). Manawatu R est, 11 on 11/9 (JLM, MM), 8 on 27/2 (LJD). Pauatahanui Inlet, 7 on 10/11 (KLO). Paremata, Ngatitao Domain, during gale force winds and heavy rain, 26 on 30/6 (KLO). Waikanae, 28/3/82, home family still together plus 18 visitors, which varied in numbers subsequently, 7 on 18/4, 18 on 9/5. Home pair had 3 eggs on 30/12, hatched 1/1; one dead at nest 2/1 but others survived; 20/2 juv flying, parents still violently territorial and second pair with single juv visiting estuary (also 26/2); 6/3, juv still with parents; 5/4, c.19 including home pair and 2 immatures hatched 1/1 (CAF). Cape Jackson, 2 on 4/3 (WFC). Grassmere, 2 on 29/1 (P. Jenkins). Marfells Beach, 1 black, 1 smudgy on 19/5 (PCML). Kaikoura, 1 black on 19/5, 3 pied and 3 black on 23/5 (PCML), 9 on 20/5 (DJB). Arahura R mouth, 2 on 13/2 (NJW). L Ellesmere, 1 on 5/3 (D. Buzan). Entry 1, Breaksea Sound, 2 with 2 chicks on 5/2 (WJC).

SPUR-WINGED PLOVER *Vanellus miles novaehollandiae*

Te Kao (Tom's Landing), 5 on 30/1 (DFB). Whangape, 2 on 2/9 (RMB, AMD). Karaka, Manukau H. 2 on 1/12 and throughout May (BB). Wharekawa, FoT, nest with 3 eggs on 2/4 (BCh); on 1/5 pair very aggressive, chasing NZ Dotterels and other species (BB); 3 chicks on 4/5 (RBS, TGL, PT); 2 small young on 20/5 (BCh); pair and part-grown chick on 1/6, adults chasing other species (TC). Ngatea, 2 on 9/9 (BSC). Whangamarino swamp, 1 on 23/6, N end (BIZ). L Rotongaro, 2 on 6/4 (PJA). L Karapiro, 1 pair and 2 juv on 3/10 (TC). L Whakamaru, 4 on 25/3 near dam (BHS). Turangi, 4 on 1/5, 8 km S on SH1 (TC). Maketu, 2 adults on 14/8, 2 adults with 2 subadults on 29/8 and 19/9; a nest with 4 eggs on 19/9 (first for coastal BoP); 3 eggs hatched 16/10 (BCh, PCML). L Rotoehu, 7 on 6/2 (RWJ), 2 on 12/4 (CRV). L Aniwhenua, 4 on 12/9 (WMH), 5 on 17/6 (JGI). Waiahou, near Murupara, 4 on 25/3 (RMW). Poronui Station, Taupo S, 5 on 19/4 (JGI). Turangi 4 on 27/5 (JGI). Tolaga Bay, 3 with 7 Rooks 12/5 (JCH). Muriwai, Gisborne, 11 together on 15/9 (BGJ, SCJ), 30 on 10/6 increasing numbers (PGF). Wairoa, 7 on 21/12 (BRH). National Park-Taumarunui, 5 on 13/2 (RO). Mokau, 1 on 3/4 (RWW). Mimi, near Urenui, 2 on 28/11, present for some months (DGM). Bell Block SP, 8 on 10/4 (REL, RO). Puniho Road, near Okato, 3 on 21/10 present for some months (REL). Huiroa, near Stratford, 2-3 birds present for several months (JM). Otaki, 2 on 4/9 (RWW). Te Awanga, 7 came in from across sea on 11/6 (BMT). Westshore, 10 on 29/10 (ARE, LRL, KVT). Wanganui R at Wanganui, 2 on 19/6 (OCT). Turakina, 20 on 4/1 in ploughed field (OCT). Kawhatau Valley, W Ruahines, 2 on 21/8 (LJD). Manawatu R est, at Linton, 9 on 4/7 (LJD, CRS). Foxton No. 3 L, 8 on 27/2 (LJD). Foxton No. 1 L, 13 on 28/12 (JCM, MM), 9 on 27/2 (LJD, RAC, SEC). Te Munga, 9 on 9/1 (CES). Hokio Sands Road, Levin, 12 on 18/6 (AHG, ING). Plimmer Flats, Akatarawa Road, 1 in Jun incubating eggs (RSS, PLH). Maymorn Road, Upper Hutt, pair in Jun (AHG, ING). Waikanae est, 1 on 1/8 (CAF), 4 on 2/1 (AT).

Pauatāhanui Inlet, 7 on 30/5 (AHG, ING). Kennedy-Good Bridge, Lower Hutt, 7 on 30/8 (AHG). Melling Bridge, Lower Hutt, 1 on 14/9 (WAW). Te Whanga Lagoon, 2 on 11/1 (PDG). Upper Buller R, 100 on 11/1 (BDH), 30 on 25/4 (DJB). Maud I, 2 on 20/6 (WFC). Dashwood, pair with 3 young on 8/9; parent spread wings to protect young (BE). Grassmere, pair with 3 chicks on 10/9 (BE). Ward, 2 seen regularly but did not appear to nest summer 1981-82 (TJT). Mt Fyffe Road, Kaikoura, 42 in one paddock on 3/6 (BE). Punakaiki, pair on 8/8 on beach (CSL). Rotomanu, West Coast, 7 on 10/3 (PJF). Arahura R mouth, 37 on 13/2 (NJW). L Lyndon, 4 on 10/2 (JHS, BHS). Washdyke Lagoon, 4 on 30/1 (PMS). Ewing's paddocks, W Wanaka and Matukituki mouth environs, mid-winter census, total 721 (PC). Alexandra Basin, mid-winter census, total 596 (PC).

GREY PLOVER *Pluvialis squatarola*

Paua, 1 on 16/11 (RMB, AMD). Houhora, 7 on 23/12 (RMB, AMD). Farewell Spit, 2 on 20/11 (DM).

LEAST GOLDEN PLOVER *P. fulva*

Paua, 64 on 23/10 (BHS, JHS), 56 on 10/11 (RMB, AMD). Jordans Road, Kaipara H, 50 on 13/3 (TC). Oyster Point, 17 on 16/10 (BHS), 84 on 3/3 (TC). Karaka, 58 on 1/12 (BB, DGB, TC), c.60 on 3/2 (BB, RBS), 12+ on 31/3 (SD, AR). Manukau H census, 75 on 14/11, 1 on 16/6. Rare to see this sp. in winter here (BB). FoT census, 24 on 5/12 (BB). Matahui Point, Tauranga H, 42 on 26/3, many well into breeding plumage (PCML). Kaituna Cut, birds present from 25/10 to 27/3 with highest count of 40 on 19/12 (PCML, RMW). Ohope Spit, 27 on 21/12 and 7/1, only one left in full breeding plumage on 1/4 (WMH, RMW). Muriwai Lagoon, Gisborne, 36 on 24/1 (BRK). Wairoa est, 5 on 28/12 (GAF). Oraka, Mahia pen, 4 on 11/1 (GAF). Westshore, 24 on 11/12 (MTC, PWT, MT, KVT), 2 on 22/10 with 1 in part breeding plumage (KVT). Southern marsh, Ahuriri, 40+ on 22/10 (PWT, MT). Manawatu R est, present from 23/10 to 1 Apr; maximum 44 on 28/12 and 25/2 (JLM, MM). Rangitikei est, 3 on 27/2 (1 with black chest patches) (BDH). L Wairarapa, E shore, up to 40 through Nov-Jan and up to 76 Mar-Apr (PJM). Grassmere, 2 on 29/1 (DJB). L Ellesmere, 9 on 16/2 (PMS), 51 on 5/3, 1 on 1/4 (D. Buzan). Awarua Bay, 29 on 26/2 (KM, JVM).

NEW ZEALAND DOTTEREL *Charadrius obscurus*

Spirits Bay, 4 on 25/4; Te Werahi Beach, 8 on 24/4 (ASR, IMR). Paua, 10 on 14/7; Te Pahi Stream, 27 on 19/2; Kokota Spit, 76 on 15/7 (RMB, AMD). Rarawa Beach, 2 on 22/10, no nesting evident (BHS, JHS). Kowhai Beach, 36 on 19/2 (RMB, AMD). Hcuhora, 2 on 22/10 (BHS, JHS). Rangaunu, 26 on 12/10 (RMB, AMD). Rangiputa Bank, 10 on 21/10 (BHS, JHS). Herekino, 16 on 13/7 (RMB, AMD). Waipoua R mouth, 15 on 17/6/82 (DB). Pakiri, 41 on 27/11 (GJE). Tahuna-Torea Reserve, Auckland, pair nesting in Nov (MJT). Brown's I, 8 on 9/4 (MJT). Karaka shellbanks, 7 on 15/5 (KJF). Manukau H census, 23 on 14/11, 26 on 26/6. A notable sighting was that of 'Wimble,' a male banded by H. R. McKenzie on 20/12/50 at Mataitai, near Clevedon. He was retrapped by S. M. Reed at Seagrove, Manukau H, on 10/11/76 and banded WB/M.

It was 32.5 years old when seen by TRH and PD on 26/6 (BB). FoT census, 6 on 5/12, 13 on 17/7 (BB). Aotea H census, 2 on 6/11 (BHS). 2 and 1 juv on 3/1, S Head Beach (FLS). Kawhia H census, 10 on 6/11, 22 on 26/6; 1 nest with 3 eggs on Te Motu 1 on 6/11 (BHS). Kawhia H, 2 and 1 juv on 3/1, Karewa Lagoon (FLS). Bowentown ocean beach, pair on 2/10 (PCML). Matakana I, northern 6 km of ocean beach, 5 pairs and 3 singles on 11/7; nest with 3 eggs 6/11. Southern 12 km, 7 pairs on 25/9. Harbour side, including sand banks and islands, 21 birds on 24/7 (BCh, PCML). Sulphur Point, 4 pairs nested Nov/Dec; first nest, 3 eggs, found 6/11; pair with running chick seen 2/12 and 4/12 and 1 subadult with 4 adults on 30/1 (BCh, PCML). Pukehina Beach to Otamarahau, 3 pairs on 19/9 (PCML). Tarawera R mouth, usually 1 pair present but 3 birds on 18/7 (WMH, PCML). Rangitaiki R mouth, pair on 9/6 and 12/6; on 12/6, male observed feeding on horse mussel flesh (WMH, PCML). Waiotahi-Hikuiwai Beaches, 13 on 18/1 (GAT). Whangaparaoa Beach, East Cape, 4 on 19/1 displaying territorially (none seen on E BoP estuaries and beaches N of Waiawa est) (GAT). Ohope Spit, 70 on 30/3 (GAT). Manawatu R est, 1 on 12/2 and 13/2 (JLM, MM). Ohau, 1 well-coloured male, 14/11 (BDH). Motueka, 1 on 15/6 (BE).

BANDED DOTTEREL *C. bicinctus*

Spirits Bay, 4 on 25/4; Te Werahi Beach, 8 on 24/4 (ASR, JMR). Paua, 2 on 20/10 (BHS, JHS). 276 on 28/5 (RMB, AMD). Houhora, 92 on 21/6 (RMB, AMD). East Beach, 18 on 25/2 (RMB, AMD). Karaka, 289 on 26/6 (BB). Manukau H census, 3 on 14/11, 1039 on 26/6 (BB). Whakatiwai, FoT, 62 on 1/6 (TC). FoT census, 2 on 5/12, 255 on 17/7 (BB). L Waahi, 7 on 20/3 (PJA). Aotea H census, 8 on 6/11 (BHS). Kawhia H census, 0 on 6/11, 453 on 26/6 (BHS). Bowentown ocean beach, 1 nest with 3 eggs on 20/9 was deserted a few days later. Wintering flock, 226 on 29/5 (BCh). Matakana I, southern 12 km of ocean beach, 7 pairs (1 nest with 2 eggs) on 25/9. N end ocean beach, 2 pairs on 6/11 (1 nest with 3 eggs) (BCh, PCML). Sulphur Point, 3 pairs each with a nest, 2 with 3 eggs, 1 with 2 eggs Nov/Dec (BCh, PCML). Maketu, c.40 feeding in field with Pied Stilts, among cattle, 4/6 (BCh, PCML). Ohope Spit, 3 pairs on 24/9 and 1 nest with 3 eggs (PCML); c.615 on 30/3, 516 on 28/4 (GAT). Muriwai Lagoon, Gisborne, 50 on 21/2 (BRK). Wairoa est, 54 on 28/5 (GAF). Korito Lagoon, Wairoa, c.100 on 17/4 (GAF). New Plymouth airport, 34 on 11/3, 58 on 16/4, 52 on 18/5, 1 on 14/6 (RO). Westshore, 10 on 26/2 (census) (KVT). L Poukawa, c.30 on 3/4 (KVT). Wanganui R at Wanganui, 1 on 25/1/81 (OCT). Rangitikei R est, 50 on 27/2 (BDH), 67 on 15/5 (GRS). Manawatu R est, maximum 92 on 25/2 (JLM, MM). Waikanae est, 3 on 10/10 (AT), 25 on 27/2 (MLF, RNC). Pauatahanui Inlet, 7 on 14/6 (AHG, ING). Grassmere, 2 with chicks on 16/10 (DJB), 2 on 29/1 (P. Jenkins). Ward, first sighting for spring on 12/9 (TJT). Kowai R, pair with 2 chicks on 26/11, 1 chick plunged into river and swam (BE). Blaketown Lagoon, 19 on 9/4 on mudflats at low tide (CSL). Kumara Beach, 3 on 20/2 (CSL). Lower Hodder Valley, 2 on 4/9 (GIR). Armers Beach, 22 on 6/1 (BE). Ashley est, c.40 in flighty flock on 12/2;

17 on 27/3 (PMS). Bromley SP, 40 on 12/7 (D. Buzan). Washdyke Lagoon, 14 on 30/1 (PMS). Outer Gilbert I, Breaksea Sound, 2 on 9/2 (B. W. Thomas per KM). Masons Bay, Stewart I, 16 on 6/7 (CMM).

MONGOLIAN DOTTEREL *C. mongolus*

Karaka, 1 from 19/9 to 31/3 (BDH, RBS), 2 on 1/12 (BB, DGB, TC) and on 31/3 (SD, AR). On 1/12, 1 bird had larger breast tabs but both were pale (BB). Manukau H census, 1 on 26/6 at Kirk's farm (AJG, DAL). Access Bay, FoT, 1 on 1/6 with solid eye-patch and well-marked breast tabs (TC); 1 on 17/6 (BCh).

LARGE SAND DOTTEREL *C. leschenaultii*

Karaka shellbanks, 2 on 13/2 (BB, RBS), 2 pale birds on 28/4 (KJF, AS, BB). Taramaire, FoT, 1 on 7/11 (TC), 1 on 20/2 (SD, AR, PS). Ashley est, 1 on 12/2 in non-breeding plumage (PMS).

ORIENTAL DOTTEREL *C. veredus*

Greymouth airfield, 1 on 24/9 to 2/10 (CSL).

BLACK-FRONTED DOTTEREL *C. melanops*

Kaituna Cut, 2 on 15/7, 1 on 14/8 (GAT, PCML), 1 on 4/6 (BCh, PCML). Ahuriri, c.10 on 25/7 (ARG, ACS, KVT). L Poukawa, 21+ on 3/4 (BDH, KVT). Turakina R est, 1 on 28/2/82, 9 on 28/3/82, 1 on 10/7 (OCT). Omanuka Lagoon, 2 on 18/7 (LJD, CR, PMS). Manawatu R at Linton, 13 on 4/7 at muddy edge of small stream with 4 fronting up to one another using their chests and emitting a whirring noise (LJD, CRS). Waitarere, 3 on 10/6 (RP). L Wairarapa, W and N shores, up to 12 Nov-Jan, Mar-Apr (PJM). Greytown SP, 4 on 24/4; Featherston SP, 8 on 24/4 (BDH). Hokio Beach, 3 on 1/6 (RP). Waikanae Beach, 1 on 16/5 (AT), 1 from 23/5 to 12/8 at est (CAF). Wellington airport, 1 on 14/4 feeding on grass between runways with small flock of starlings (AHG). Lower Wairau, 3 on 22/3 (WFC). Elterwater, 2 on 19/5 (PCML). L Ellesmere, 1 on 7/11 (D. Buzan). Ahuriri R, 1 on 8/82 (CFJO). Orari R mouth, 10 adults and 2 juv on 29/3 (KM, JVM). Spider Lagoon, 3 adults on 21/2 (PMS). Opihi R mouth, 1 adult on 28/12 (PMS), 7 on 29/3 (KM, JVM).

WRYBILL *Anarhynchus frontalis*

Paua, 94 on 14/7; Kokota Spit, 107 on 11/8; Kowhai Beach, 56 on 19/2; East Beach, 45 on 10/8 (RMB, AMD). Browns Bay, 1 on 4/1 feeding at high tide among sunbathers (DFB). Manukau H, downstream from Favona causeway, 400+ on 25/7 (RBS). Mangere SP, c.800 on 1/2 and 10/2 (RBS). Manukau H census, 15 on 14/11, 895 on 26/6 (BB). FoT census, 5 on 5/12, 2500 on 17/7 (BB). Kawhia H census, 0 on 6/11, 2 on 26/6 (BHS). Matahui Point, c.40 on 24/7 (PCML). Rangitaiki R mouth, 2 on 26/1 (GAT). Ohope Spit, 2 on 6/10, 1 on 5/11 (GAT). Bowentown ocean beach, 1 from 14/5 to 11/6 (BCh). Sulphur Point, Tauranga H, 43 on 30/1, 101 on 29/1 (BCh, PCML). Kaituna Cut, some present, usually 3, 14/8 to 4/6, but high of 10 recorded on 5/1 (PCML). Muriwai Lagoon, 46 on 12/7 (BRK). Wairoa est, 7 on 25/4 (BRK). West-shore, 3 on 2/3 (ARG, NBMc, KVT). Waitangi, HB, 1 on 28/5 to 28/6 (PWT, MT, KVT). Whangaehu R mouth, 2 on 4/1 (OCT).

Manawatu R est, maximum 25 on 25/2 (JLM, MM, LJD), 21 on 29/6 (KLO). L Wairarapa, E shore, 1 on 15/1 (PJM). Hokio Beach carpark, 2 on 11/6 (RGP). Waikanae est, 3 on 12/9 (AHG, ING). 2 on 15/1 (MAF, KAW). Nelson Haven, 1 on 25/1 (JMH). Grassmere, 6 on 29/1 (DJB). Ashley est, 3 on 14/10, 5 on 14/1 (BE), 2 on 12/2, 1 on 27/3 (PMS). L Ellesmere, 3 on 1/8, 2 on 8/8, 21 on 1/9, 39 on 2/9, 18 on 5/9, 10 on 10/10 (D. Buzan); 69+ on 16/2 (PMS); 43 on 5/3 (D. Buzan); 139 on 1/4 (KM, JVM). Hunter R, L Hawea, 14 adults on 23-24/10, nesting in progress (PC).

FAR-EASTERN CURLEW *Numenius madagascariensis*

Paua, 4 on 20/10 and 23/10 (BHS, JHS), 5 on 23/2 (RMB, AMD). Karaka, 2 on 4/2 (RBS). Manukau H census, 5 on 26/6 at Kirk's farm (BB). Kaiaua, FoT, 4 on 3/5 (RBS). FoT census, 5 on 5/12, 6 on 17/12, 19/2 and 3/3 (BC, SD, BHS). Ohope Spit, 1 (probably overwintered) on 17/10 and 27/11; 2 on 21/12 and 28/2 (WMH, RMW). Tolaga Bay, 1 on 18/1 (GAF). Ngamotu Lagoon, Wairoa, 1 on 31/10 (GAF). Manawatu R est, present from 23/10 to 16/5; maximum 3 on 31/1 and 26/2 (JLM, MM), 1 on 1/5 (SEC, RAC), 1 on 15/5 (CRS, PMS). Farewell Spit, 4 on 20/11 (DM). Nelson Haven, 1 on 31/1 (JMH). Ashley est, 1 on 14/10, 20 on 26/1 (BE). Heathcote-Avon est, 1 on 20/3, 2/4 and 22/5 (D. Buzan).

ASIATIC WHIMBREL *N. phaeopus variegatus*

Paua, 16 on 20/10 and 23/10 (BHS, JHS). Kokota Spit, 4 on 22/9 (RMB, AMD). Jordans Road, Kaipara H, 12 on 27/2 (SD). Manukau H census, 4 on 14/11 (BB), 1 on 5/3 (KJF). Kawhia H census, 0 on 6/11 and 26/6 (BHS). Sulphur Point, 2 on 30/1 (buff spots on wing coverts and scapulars suggest subadults) with large flock of Bar-tailed Godwit (PCML, GAT). Kaituna Cut, 1 on 5/3 and 16/4 (WMH, PCML). Ohope Spit, 2 on 1/3 (none on 28/4) (GAT).

AMERICAN WHIMBREL *N. phaeopus hudsonicus*

Paua, 2 on 20/10 (BHS, JHS).

WHIMBREL sp.

Walker I, 19 on 19/11 (RMB, AMD). Karaka, singles on 1/12, 1/1, 3/2 and 27/3 (BB *et al.*). Miranda, FoT, 1 on 17/12 (BCh). Westshore, southern marsh, 1 on 11/12 (MTC, PWT, MT, KVT). Ashley R est, 1 on 21/3/82 (D. Buzan).

LITTLE WHIMBREL *N. minutus*

L Wairarapa, N end, 1 on 31/1 on lakeside "field" of coarse sand (BDH).

ASIATIC BLACK-TAILED GODWIT *Limosa limosa melanuroides*

FoT census, 1 on 5/12 at Piako (BB). Matahui Point, 2 on 21/4 (BCh). Manawatu R est, 3 on 10/7, 1 in Sep-Oct, 2 from 7/11 to 1/4 both attaining summer plumage, 1 departed but other still present at 30/6 (JLM, MM); 1 on 13/3 had gained dark crescentic flank feathers but no red plumage (CAF).

HUDSONIAN GODWIT *L. haemastica*

Ohope Spit, 1 on 23/9, 24/9 and 27/11 among flock Bar-tailed Godwit (GAT, WMH, PCML).

EASTERN BAR-TAILED GODWIT *L. lapponica*

Paua, 4530 on 13/10 (RMB, AMD), 1000 on 23/10 (BHS, JHS). Kokota Spit, 2040 on 13/10 (RMB, AMD). Houhora, c.211 on 22/10 (BHS, JHS), 2100 on 19/2 (RMB, AMD). Rangaunu, 4800 on 20/12 (RMB, AMD). Herekino, 2 on 13/7 (RMB, AMD). Onoke, Hokianga, 140 on 6/1 (RMB, AMD). Manukau H census, 12 849 on 14/11, 1424 on 26/6 (BB). FoT census, 7204 on 5/12, 665 on 17/7 (BB). Aotea H census, c.900 on 6/11 (BHS). Kawhia H census, 207 on 11/7, c.2500 on 6/11, 173 on 26/6 (BHS). Matahui Point, c.150 on 24/7, c.1500 on 9/1, c.400 on 26/3; during Apr numbers down due to illegal shooting (BCh). Sulphur Point, Tauranga H, 2000-2500 on 4/12 and 30/1 (PCML). Ohope Spit, c.1200 on 24/9 rising to c.3500 on 21/12 dropping to 300 by 18/4 (WMH, PCML). Muriwai Lagoon, Gisborne, 256 on 15/11 (BRK). Ngamotu Lagoon, 140 on 10/10 (GAF). Wairoa est, c.250 on 28/12 (GAF). Westshore, 36 on 1/8 (ARG, KVT), 290 on 26/2 (census) (KVT). Rangitikei R est, 13 on 27/2 (BDH). Manawatu R est, 385 on 21/11 (CRS, PMS), maximum 420 on 13/2 (JLM, MM), 33 on 10/6 (RP). L Wairarapa, E shore, 10 Nov-Jan (PJM). Pauatahanui Inlet, 2 on 23/10 (AM). Waikanae est, 2 on 16/10, 1 on 28/12 (CAF). Vernon Lagoons, 160 on 1/2; Grassmere, 6 on 29/1 (P. Jenkins). Armers Lagoon, 2 on 29/10, 4 on 5/11, 3 on 26/11; usually only single birds seen (BE). Orowaiti est, Westport, 2 on 11/9 (CSL, DJO), 3 on 25/2 (DJO). Okari Lagoon, near Westport, c.10 on 13/1 (DJO). Taramakau R mouth, 2 on 20/2 (CSL). Heathcote-Avon est, 205 on 3/7, 768 on 14/2, 87 on 26/3 (D. Buzan). L Ellesmere, 5 on 8/8, 4 on 31/8 (D. Buzan), 20 on 26/9 (PMS), 6 on 10/10, 17 on 12/2 (D. Buzan), 1 on 1/4 (KM, JVM). Riverton est, 221 on 19/3 (KM, JVM). Awarua Bay, 360 on 26/2, 8 on 25/4, 1 on 24/6 (KM, JVM).

LESSER YELLOWLEGS *Tringa flavipes*

Boggy Pond, 1 on 16/1 and 19/1 (PJM).

GREENSHANK *T. nebularia*

Karaka, Manukau H, 1 on 15/5 calling and well seen (KJF). Matahui Point, Tauranga H, still single bird present on suitable tides roosting with Pied Stilts; it was lame in April but appeared all right again by late May; seen on 17/7 and 24/7 and still present in Jun; same bird as that seen 11/77? (BCh, PCML). L Wairarapa, 1 on 27/1, 14/3 and 16/3 (PJM). Boggy Pond, 1 on 5/4 (PJM). Awarua Bay, 1 on 26/2 (KM, JVM).

MARSH SANDPIPER *T. stagnatilis*

Westshore, 1 from 17/2 to 4/3 and on 16/4 (KVT, DA). Marfells Beach, 1 in Feb (TJT).

WANDERING TATTLER *T. incana*

Cuvier I, 1 on 2/1 on rock, NW side, seen from boat (BHS, JHS).

SIBERIAN TATTLER *T. brevipes*

Paua, 1 on 20/10 (BHS, JHS). Rangiputa Bank, 1 on 21/10 (BHS, JHS). Oyster Point, Kaipara H, 1 on 11/4 (probable sighting on 3/3) (TC). Karaka, 1 on 2/11 (TC). Armers Lagoon, 1 on 29/10, first sighting since Jan; double whistle before flying; 4 double whistles in flight; 1 on 5/11, 2 on 6/1; 1 on 30/5 uttered 4-note whistle followed by 2 double whistles (BE). Awarua Bay, 2 feeding beside a Curlew Sandpiper; *ter-wee* calls heard several times on 26/2 (KM, JVM).

TATTLER sp.

Paua, 2 on 23/2 (RMB, AMD). Karaka, 1 from 23/10 to 18/3 (BB *et al.*). Access Bay/Miranda, FoT, 1 on 4/5 to 17/6 (BCh, SD, RBS).

TEREK SANDPIPER *Xenus cinereus*

Kokota Spit, 2 on 20/1 (RMB, AMD). Oyster Point, Kaipara H, 3 on 3/3 and 11/4 (TC). Tamaki est, 1 on 20/11 feeding with other waders (MJT). Karaka, 1 from 23/10 to 1/12 (TC). Manukau H census, 1 on 14/11, 3 on 26/6, the most seen here (BB). Access Bay/Miranda, FoT, 2 on 7/11 (TC). Singles 10/11 to 29/4 (BB *et al.*). FoT census, 2 on 5/12 (BB). Kaituna Cut, 1 on 5/1 and 16/4 (BCh, PCML). Manawatu R est, 1 from 27/12 until 15/5 (JLM, MM, LJD, RAC, CRS, PMS). Ashley R est, 1 on 18/12/82 (D. Buzan). L Ellesmere, 1 on 12/3 and 10/4 (D. Buzan).

TURNSTONE *Arenaria interpres*

Paua, c.400 on 20/10 (BHS, JHS), 600 on 26/2 (RMB, AMD), 6 on 26/4 (ASR, JMR). Kokota Spit, 253 on 13/10 (RMB, AMD). Houhora, c.550 on 22/10 (BHS, JHS), 240 on 7/3 (RMB, AMD). Rangaunu, 595 on 25/2 (RMB, AMD). L Ohia, 6 on 23/10/81 (DB). Karaka/Kirk's farm, 190+ on 23-24/10 (BB *et al.*). Manukau H census, 441 on 14/11, 164 on 26/6 (BB). Whakatiwai/Access Bay, FoT, 290 on 2/4 (BB, TC). FoT census, 158 on 5/12, 67 on 17/7 (BB). Kawhia H census, 9 on 6/11, 0 on 26/6 (BHS). Matahui Point, not a regular roost but c.30 on 25/3 and c.80 on 26/3, mostly well into breeding dress (BCh, PCML). Kaituna Cut-Maketu, 2 (overwintered) 29/8; 30 on 2/1 and 31/1 (PCML). Extraordinary count of 74 on 13/2 on the move (WMH). East Clive, HB, 14 on 7/12 (ARG, ACS). Manawatu R est, 1-3 from 21/8 to 26/2 (JLM, MM), 1 on 15/5 (CRS, PMS). Waikanae est, 2 on 10/10 (AT), 2 on 17/10 (AHG, ING). Ashley R est, 10 on 18/12/82 (D. Buzan), 3 on 26/1 (BE), 1 on 12/2 (PMS). Cape Campbell, 30 on 30/5, 30-40 throughout Jun 1982 (P. Jenkins). Kaikoura, always present, groups 40-50 in Nov/Dec; 12 on 16/11 (P. Jenkins); 5 on 19/5 and on 23/5 (PCML); c.20 on 20/5 among Black-fronted Terns (DJB). Waitangi West Beach, Chathams, about 50 on 26/12 (PDG). L Ellesmere, 2 on 19/2 (D. Buzan), 1 in breeding plumage on 31/3 (KM, JVM). Riverton est, 35 on 19/3 (KM, JVM). Waimatuku est, 10 on 19/3 (KM, JVM). Awarua Bay, 227 on 26/2, 6 on 25/4, 5 on 24/6 (KM, JVM).

KNOT *Calidris canutus*

Paua, 6000 on 13/10 (RMB, AMD), c.800 on 23/10 (BHS, JHS). Kokota Spit, 1920 on 16/11 (RMB, AMD). Houhora, c.2450

on 22/10 (BHS, JHS), 2500 on 19/2 (RMB, AMD). Rangaunu, 5000 on 20/12 (RMB, AMD). Onoke, Hokianga, 2 on 6/1 (RMB, AMD). Karaka, c.2000 on 19/9, of which 5% were in broken colour; 5000+ on 23/10, 8000 on 1/1, 500+ on 31/3 (BB *et al.*). Manukau H census, 13 506 on 14/11, 826 on 26/6 (BB). Access Bay, FoT, c.4000 on 27/9, 8000 on 10/10, 230 wintering on 23/5 (BB *et al.*). Aotea H census, 3 on 6/11 (BHS). Kawhia H census, 0 on 6/11, 1 on 26/6 (BHS). Matahui Point, 24 on 9/1, 80 on 21/3 (BCh). Kaituna Cut, some present throughout summer with a high count of 55 on 5/3; only 8 left on 16/4 (PCML). Muriwai Lagoon, Gisborne, 3 on 24/1 (BRK). Manawatu R est, present from 31/7 until 19/6 with maximum 196 on 28/1 (JLM, MM). L Wairarapa, 18 max Nov-Jan (PJM). Waikanae est, 1 on 12/8 (CAF), 1 on 10/10 (AT). Heathcote-Avon est, 6 on 25/10 (D. Buzan). L Ellesmere, 10 on 26/9 (PMS), 38 on 19/2, 40 on 5/3, 33 on 10/4 (D. Buzan). Awarua Bay, 500-600 on 26/2, 42 on 24/6 (KM, JVM).

SHARP-TAILED SANDPIPER *C. acuminata*

Paua, 16 on 20/10 (BHS, JHS), 7 on 16/11 (RMB, AMD). Kokota Spit, 24 on 21/12 (RMB, AMD). Rangaunu, 3 on 21/1 (RMB, AMD). L Ohia, 2 on 23/10/81 (DB). Mangere SP, 6 on 6/12 (RBS), 10 on 9/3 with other waders (MJT, RBS). Karaka, 33 on 27/3 (BB, DGB, KJF). Manukau H census, 2 on 14/11, 3 on 26/6 (BB). Access Bay, FoT, 43 on 4/1 (BCh), 43 on 20/2 (SD, AR, PS), 42 on 2/4 (BB, TC), 25 on 9/4 (SD). FoT census, 10 on 5/12, 12 on 17/7 (BB). Kaituna Cut, 9 on 23/10 building up to 30 present from 2/1 to 27/3 but falling to 5 on 16/4 and 1 on 4/6 (PCML). Awaiti wetlands, 2 on 29/12 (BHS). Westshore, 22 on 26/2 (census) (KVT). Manawatu R est, present from 6/11 to 1/5; 22 on 25/2 and 13/3 (JLM, MM); 23 on 27/2 (LJD). L Wairarapa, up to 82 in Jan (PJM), 1 on 2/4 (PJM, CP, CCO). Pauatahanui Inlet, 1 on 19/9 (NH, RSS). Nelson Haven, 1 on 1/10 (JMH). L Ellesmere, 14 on 13/3, 13 on 1/4 (KM, JVM).

PECTORAL SANDPIPER *C. melanotos*

Kokota Spit, 6 on 20/1 (RMB, AMD). Miranda, 1 on 11/3 (RO). Access Bay, FoT, 2 on 7/11 (TC), 1 on 5/12 (BB). Kaituna Cut, 4 on 22/12 (WMH), 2 on 5/1 to 16/4 (PCML). Matata, 2 on 4/2 (DAL). Westshore, 3 on 23/1 to 23/3 (KVT). Turakina R est, 2 on 28/2 (OCT). L Wairarapa, 2 on 6/1 (PJM, CP), 2 on E shore on 9/3 (PJM, CCO), 2 at Boggy Pond on 6/1 (PJM, RP). Waikanae est, 1 on 20/3 in breeding plumage (CAF, MAF).

CURLEW SANDPIPER *C. ferruginea*

Paua, 2 on 20/10, 7 on 23/10 (BHS, JHS), 4 on 21/12 (RMB, AMD). Kokota Spit, 13 on 17/4 (RMB, AMD). Jordan's Road, Kaipara H, c.20 on 16/10 (BHS). Manukau H census, 2 on 14/11, 3 on 26/6 (BB). Miranda, 18 on 29/1 (RO). Access Bay, FoT, 30+ on 8/5 (MH, GT), 8 on 23/5 all pale (SD). FoT census, 21 on 5/12, 33 on 17/7 (BB). Kaituna Cut, 3 on 22/12 (WMH) but only 2 on 5/1 to 3/3 (PCML). Oraka, Mahia pen, 3 on 11/1 (GAF). Westshore, 10 on 6/2 (PWT, MT, KVT). Waitangi, HB, 9 on 25/6 (PWT, MT, ALH, ACS). Manawatu R est, 1-2 from 25/9 to 19/6 (JLM, MM), 3 on 21/11 (CRS, PMS, GRS). L Wai-

rarapa, E shore, 3 on 27/1 (CP), 4 on 2/4 (PJM). Grassmere, 3 on 29/1 (DJB). L Ellesmere, 2 on 11/7 and 1/8; 30+ on 5/3 (D. Buzan), 34 on 1/4 (KM, JVM). Awarua Bay, 37 on 26/2, 1 on 25/4 (KM, JVM).

RED-NECKED STINT *C. ruficollis*

Paua, 2 on 13/10 (RMB, AMD), 10 on 23/10 (BHS, JHS). Kokota Spit, 8 on 11/8 (RMB, AMD). Rangiputa Bank, 13 on 21/10 (BHS, JHS). East Beach, 2 on 12/1 (RMB, AMD). Manukau H census, 12 on 14/11, 10 on 26/6, but 21 on 12/6 and 20 on 11/7, 26 on 1/12 and 1/1 (BB, DGB, TC, KJF). Access Bay, FoT, 8 on 27/9 (BSC), 18 on 8/5 (MH, GT). FoT census, 6 on 5/12, 13 on 17/7 (BB). Sulphur Point, Tauranga, 1 on 16/11, 2 on 28/11, 3 on 4/12 (BCh, PCML). Kaituna Cut, 21 from 2/1 to 27/3, when there were 23; then 22 on 16/4 and 7 on 4/6 (PCML). Muriwai Lagoon, Gisborne, 4 on 20/12 (BRK). Westshore, 9 on 23/1 (ARG, ACS, KVT). Rangitikei R est, 3 on 27/2 (BDH). Manawatu R est, present from 6/11 to end of Jun with max 5 on 6/11 and 21/1 (JLM, MM). Noticeably colouring up 13/3 (CAF). Grassmere, 20 on 29/1 (DJB). L Ellesmere, 4 on 1/9 (D. Buzan), 26 on 26/9 (PMS), 70 on 10/10 and 5/3 (D. Buzan), 79 on 31/3 (KM, JVM), 71 on 1/4 (D. Buzan). Awarua Bay, 6 on 26/2 (KM, JVM).

SANDERLING *C. alba*

Kokota Spit, 1 on 8/3 (RMB, AMD). Karaka, 1 on 31/3 (SD, AR). Turakina R est, 1 on 12/1 (OCT). L Ellesmere, 2 on 12/2 and 19/2; 2 possibly 3, on 5/3 (D. Buzan).

PIED STILT *Himantopus himantopus leucocephalus*

Te Werahi Beach, 25 on 24/4 (ASR, JMR). Paua, 465 on 20/6 (RMB, AMD). Houhora, 15 on 22/10 (BHS, JHS), 314 on 29/5 (RMB, AMD). Mangere SP, 1000 on 6/12 (RBS). Manurewa Botanical Gardens, 11 on 2/10 at the new lake (JD). Manukau H census, 1240 on 14/11, 4131 on 16/6 (BB). Miranda/Wharekawa, nests along stream banks on 10/10 (BB). FoT census, 1487 on 5/12, 2514 on 17/7 (BB). Aotea H census, 12 on 6/11 (BHS). Kawhia H census, 487 on 11/7, 73 on 6/11, 193 on 26/6 (BHS). Bowentown shellbanks, 28 on 11/7, highest count for year (PCML). Matahui Point, c.550 on 17/7, highest count for year (BCh). Tarawera R mouth, 165 on 2/4 (PCML). L Aniwhenua, c.40 on 8/8 (WMH). Sulphur Bay, L Rotorua, 88 on 22/5 (RWJ). Muriwai, Gisborne, c.600 on 28/12 (GAF), c.280 on 7/3 (JCH, MAW). Barrett Lagoon, New Plymouth, 20 on 31/10 (RWW). Cape Egmont, 4 on 15/5 (DGM, JCM). Inglewood SP, 50 on 5/9 (J. Clark). Westshore, 818 on 26/2 (census) (KVT). L Poukawa, c.1500 on 3/4 (BDH, KVT). Manawatu R est, 111 on 21/11 and 194 on 27/2 (LJD), 425 on 1/5 (JLM, MM). Waikanae est, 72 on 27/2 (MLF, RNC). First seen incubating 16/10, 7+ nests with eggs 2/1 and 1 brood of feathered chicks not yet flying; few clutches survived but total rose from c.30 (Jan) to over 90 including 13 immatures (Feb) and to over 100 on 1/4. An increase on 1982, maximum of c.60 (MAF, CAF). Batty's Road, Blenheim, 3 including 1 immature regularly at milking shed outfall; 10 during Apr drought (TJT). Grassmere, 250 on 25/7 (TJT), c.30 on 12/6, 300 on 29/1 (DJB), 325 on 13/4 (TJT).

Cobden Lagoon, 3 adults and 3 juv on 9/4 (CSL). L Ellesmere, 10 000+ on 18/8 (CFJO). Ashley est, 43 on 27/3, 29 on 24/2, 30 on 18/6 (PMS). Washdyke Lagoon, 129 on 30/1 (PMS), c.100 on 27/5 (BHS).

BLACK STILT *H. novaezeelandiae*

Jordan's Road, Kaipara H, 1 on 14/3 smudgy (BB *et al.*). Oyster Point, Kaipara H, 1 on 14/3 showing some white (RBS). Waimahia Inlet, Manukau H, 1 seen 9 times from 6/3 to 7/5 (KJF). Matahui Point, 1 on 17/7, 2 on 22/8, 1 on 28/8 and last seen 5/9; 1 bird had white patch at bill base, a few white belly feathers and white undertail coverts, the other was all black but for white undertail coverts (BCh). Manawatu R at Linton, 1 smudgy with 40 Pied Stilts on 4/7 (LJD, CRS). Manawatu R est, 1 smudgy from 25/9 to 10/10 and again on 21/1 (JLM, MM). Grassmere, 1 smudgy on 16/11 joined huddled flock of Pied Stilts during hailstorm; 1 black in exactly same place on 29/1 (DJB). Upper Ahuriri R, up to 32 on 27/7-14/8 (CFJO). L Poaka, 2 on 14/8 (CFJO). L Ellesmere, 2 on 14/7 (CFJO). L Wanaka, Makarora, 1 on 31/1, smudgy; local farmer reported pure black resident end Nov (PC).

SOUTHERN GREAT SKUA *Stercorarius skua lonnbergi*

L Ellesmere, 1 flew low over a pool scattering Wrybills and stints on 31/3 (KM, JVM). Foveaux Strait, 1 on 4/7 (CMM).

ARCTIC SKUA *S. parasiticus*

Kokota Spit, 1 on 20/1 (RMB, AMD). Off Karaka shellbanks, 1 on 13/2, 29/3 and 31/3 (BB, TC, SD, RBS). Papamoa, 2 (1 dark, 1 pale) offshore harrying White-fronted Terns on 11/1 and 28/1, 8 0.5 km offshore again harrying the terns on 20/3 (PCML). Tarawera R mouth, c.10 (1 pale) sometimes 3 chasing 1 tern on 25/4 (PCML). Whale I, 2 or 3 pale phase most of summer (WMH). Ohope Spit, 1 resting on beach 30/3 (GAT). Muriwai Lagoon, Gisborne, 1 on 24/1 patrolling tern roost (BRK). East Clive, 1 white phase patrolling near White-fronted Tern nesting site on 23/1/83 (KVT). Foxton Beach, 7 on 25/2, singles until 4/4 (JLM, MM). Waikanae est, 1 on 13/5 (AT), 1 on 27/2 (MLF, RNC). Arapawa I, S end, 1 on 7/3 (WFC). Pelorus Sound, 2 on 22/6 (WFC). Tawere Point, 1 on 22/6 (WFC). Charlestown, 3 on 28/1 (DJO). Arahura R mouth, 1 on 13/2 (NJW). Hokitika R mouth, 2 on 24/2 (NJW). L Ellesmere, 9 on 24/4 (CMM).

BLACK-BACKED GULL *Larus dominicanus*

Houhora, 424 on 21/4 (RMB, AMD). Rangiputa Bank, c.50 on 21/10, many immature (BHS, JHS). Walker I, 364 on 19/11 (RMB, AMD). Manukau H census, 332 on 14/11, 1207 on 26/6 (BB). Miranda, FoT, 50 immatures on 27/3 (BB). FoT census, 502 on 5/12, 986 on 17/7 (BB). Kawhia H census, 71 on 11/7, 43+ on 6/11, 75 and 6 juv on 26/6 (BHS). Matakana I, 400-500 pairs nesting 25/9 and 6/11 (BCh, PCML). Tukituki est, c.900 on 18/3 (KVT). L Poukawa, c.200 on 6/7 (KVT). Hitaua Bay, Tory Channel, c.780 on 7/3 (WFC).

RED-BILLED GULL *L. novaehollandiae scopulinus*

Rangiputa Bank, c.250 on 21/10, 50 nests, 1 egg only (BHS, JHS). Manukau H census, 49 on 14/11, 1207 on 26/6 (BB). FoT census, 93 on 5/12, 1564 on 17/7 (BB). Aotea H census, 4 on 6/11 (BHS). Kawhia H census, 94 on 11/7, 70 on 6/11, 72 on 26/6 (BHS). Mayor I, small colony on port side cliff entering SE Bay, 11/12 (PCML). Tarawera R mouth, c.200 on 18/7 and 7/5, day roost (PCML). Rangitaiki R mouth, c.300 on 18/7 (PCML). Westshore, 89 on 26/2 (NBMcK). Tukituki est, c.200 on 1/6 (KVT). Paremata, Ngatitao Domain, 480 on 30/6 during gale force winds and heavy rain (KLO). Naenae College playing field, 2500-3000 on 1/9 during wet southerly weather; large gathering usual during wet windy weather but this was largest concentration seen (AHG). Grassmere, 500+ on 29/1 (DJB). Taramakau R mouth, 6 on 26/3 (CSL). Hokitika R mouth, 8 including 3 juv on 8/1 (CSL).

BLACK-BILLED GULL *L. bulleri*

Miranda, FoT, c.100 on 3/12 (BB). Access Bay Spit, FoT, 100+ mating and "looking" at shellbank nesting sites on 23/9 (BHS); on 7/11, 82 birds, 32 nests and 2 single eggs (TC). FoT census, 93 on 5/12, 32 on 17/7 (BB). Kawhia H census, 2 on 11/7, 0 on 6/11, 5 on 26/6 (BHS). Tarawera R mouth, 14 (2 subadults) on 27/5 and 12/6, 7 on 4/7 (PCML). L Rotoiti, west arm, 10 on 20/2 (PCML). Ohiwa-Ohope Spit, 46 on 24/9 (PCML), 52 on 5/11 (GAT). Waiawa est, Opotiki, 5 adults and 8 nearly fledged chicks 18/1 (GAT). Wairoa est, c.250 pairs nesting on 11/12; most with young on 22/12 (GAF). Waitara est, 1 on 14/5 and 6/6; rarely seen in Taranaki (RO, DGM). East Clive, HB, c.500 at nesting site on 16/12 (KVT). L Horowhenua, 180 on 28/1, 100+ on 30/4 (BDH). Waikanae est, present most of year, reaching c.40 on 9/5/82; 45 on 1/4 (CAF). L Wairarapa, N end, 60+ on 30/1 (BDH). Cobden Lagoon, 3 on 9/4 (CSL). Taramakau R mouth, c.15 on 26/3 (CSL). Hokitika R mouth, c.200 on 16/2, c.130 on 25/5, 50+ on 20/6. Flocks contained some Red-billed Gulls, which were outnumbered 10:1 (NJW).

BLACK-FRONTED TERN *Sterna albostrata*

Miranda, 1 adult on 3/5, resting on mud, then flew inland (TGL, RBS). Matahui Point, Tauranga H, 1 on 10/7, 2 on 25/3 (BCH). Tarawera R mouth, 43 on 3/7 and 18/7, 4 on 1/8 (WMH, PCML), 1 on 10/4, increasing to 31 by 27/5. Sometime in Jun, main flock moved to Rangitaiki R mouth (PCML). Waitangi, HB, 62 on 16/7 (KVT). Waimarama Beach, 1 on 29/5 (PWT, MT). Napier, Marine Parade Beach, 21 on 25/6 (PWT, MT). Rangitikei R est, 2 on 15/5 (GRS). Manawatu R est, 2 on 29/6 (KLO), 1 on 31/7 and 1/8 (JLM, MM). Rakauhūmama Lagoon, 1 on 2/10 (RAC, SEC). Onoke Spit, 170 on 29/5 (GAW). Hokio Sands Road, Levin, 2 on 18/6 (AHG, ING). Waikanae est, 2 on 3/4 (CAF), 15 on 10/4 (BDH), 82 on 22/5 (AT). Pauatahanui Inlet, 300+ on 22/5 in fields 1 km E of inlet during violent storm. Small groups of up to 6 seen on other areas around inlet (AHG, ING, AT, AM). Petone Beach, 2 on 21/5 and 23/5 (SDC). Wairau Valley, 3 on 3/10 chasing Harrier (P. Jenkins). Wairau between Branch and

Hillesden, 55 on 21/11 including 6 or 7 nesting pairs, 1 running chick (DJB). Seddon, Awatere, 40+ on 20/5 feeding over paddock (DJB). Grassmere, coming and going from sea during Aug (DJB). Marfells Beach, 5 on 23/5; Kaikoura, c.300 on 19/5, 5 on 23/5 (BDH, JMH, PCML). Kaikoura pen, c.100 on 20/5 included 6 immatures at hightide roost (DJB). Lyall Creek mouth, 22 on 29/1, 11 on 26/5 (BE). Kowhai R mouth, c.15 feeding half mile offshore on 23/5 (PCML). Orowaiti est, Westport, 1 immature on 28/1 (DJO, NJW). Hokitika R mouth, 1 juv on 1/2, 2 immatures on 16/2, 1 immature on 21/2, 1 on 14/3, 1 immature on 20/6 (NJW). Upper Leader Valley, 2 on 31/12 (LJD, SEC). L Selfe, 1 feeding over lake on 10/2 (JHS, BHS). Ashley est, 9 adults on 18/9, 3 adults on 12/1, 6 adults and 2 juv on 27/2, 11 on 18/6 (PMS). Ashley Gorge, 4 on 24/8 hawking insects over paddock (MLB). Bromley SP, 25 on 22/3 (D. Buzan). Opihi R mouth, 6 adults on 28/12, 11 adults and 6 juv on 19/2 (PMS). Foveaux Strait, 2 on 4/7 (CMM).

WHITE-WINGED BLACK TERN *Chlidonias leucopterus*

L Horowhenua, 1 on 21/1 (JLM, MM) and 28/1 (BDH), 2 on 30/4, one of them in partial breeding plumage (BDH); 1 on 11/6 (AHG, ING). Spider Lagoon, 6 in non-breeding plumage on 19/2 (PMS). L George, 2 on 29/1 (RRS).

GULL-BILLED TERN *Gelochelidon nilotica*

Ahuriri, outfall channel, 2 on 2/10, still present on 12/6 (ARG, KVT). Manawatu R est, 1 from 22/12 to 1/1 (MKT, JLM, MM).

CASPIAN TERN *Hydroprogne caspia*

Paua, 10 on 29/10; Rangiputa Bank, c.130 on 21/10 (BHS, JHS). Walker I, 254 on 19/11, breeding (RMB, AMD). Mangawhai Spit, c.80 pairs on 9/12 and 19/12, 71 pulli banded G-M (MJT). S Kaipara Head, 80-90 nests with eggs 23/12 increased to 160 sitting birds on 1/1, and 110 pulli were banded R/W-M on 16/1 and 5/2 (MJT). Tahuna-Torea Reserve, Auckland, 12/2, roosting flock consisted of 34 adults (12 wearing bands) and 5 juv (3 banded at Mangawhai as above) (MJT). Mangere SP, 13/2, roosting flocks consisted of 51 adults 7 juv (3 banded at Mangawhai) (MJT). Karaka shellbanks, 70+ on 25/2 (BB, RBS *et al.*). Manukau H census, 41 on 14/11, 172 on 26/6 (BB). FoT census, 18 on 5/12, 74 on 17/7 (BB). L Waahi, 1 on 26/3 (PJA). Kawhia H census, 21 on 11/7, 50 on 6/11 (13 nests on Te Motu I), 20 on 26/6 (BHS). Bowentown shellbanks, 30 pairs nesting 30/10, 58 pairs by 28/11. Due to bad spring weather, fewer than 20 fledglings (BCh); 60 on 15/5 roosting (PCML). Ohiwa H-Uretara I, 25 nests with 23 eggs on 12/12; 41 on 12/1 (WMH). Waiaua est, Cape Runaway, none along this stretch of coast 19/1 and 20/1 (GAT). L Rotorua, 26 on 17/4 (RWJ). L Aniwhenua, 3 on 19/6 (JGI). Muriwai Lagoon, Gisborne, 4 on 10/1 (GAF). Westshore, 21 on 26/2 (census) (KVT). Tukituki R est, 20 on 26/6 (PWT, MT, KVT). Manawatu R at Linton, 2 on 4/7 (LJD, CRS). Manawatu R est, 42 on 25/2 (JLM, MM), 51 on 27/2 (LJD). Ruakoka Bay, Queen Charlotte, 1 on 7/3 (WFC). Wairau R near Tuamarina, 8 on 12/4 (WFC). Kaikoura, 1 on 2/7 (BE). Blaketown Lagoon, 1 on 9/4 (CSL). Taramakau

R mouth, 1 on 26/3 (CSL). Arahura R mouth, 2 on 16/2 (NJW). Hokitika R mouth, 1 on 1/2, 2 on 20/6 (NJW). Heathcote-Avon est, 10 on 14/12/81, 47 on 13/2 (D. Buzan). Ashley est, 3 on 24/4 (PMS). Brooklands Lagoon, 14 on 13/2 (D. Buzan). L Ellesmere, pair with nestlings on 24/1 (BE). Washdyke Lagoon, 1 immature on 30/1 (PMS).

CRESTED TERN *Sterna bergii*

Waikanae est, 1 on 2/10, 1 on 5/1 (AT), 1 on 15/1 (MLF, KAW), 1 on 13/3 (CAF, MAF). Paraparaumu Beach, 1 present early April (RGP). Pauatahanui, 1 on 20/3 (AKB). Petone Beach, 1 present week 8/11 (JF). Scorching Bay, 1 mid-Nov (CDC).

ARCTIC TERN *S. paradisaea*

Tarawera R mouth, 1 subadult on 18/7 with flock of White-fronted Terns (PCML).

FAIRY TERN *S. nereis*

Waipu R Wildlife Res, 26/1, adult feeding juvenile on shell-bank and water; young bird could have been one of two chicks few hours old on 19/12 (A & AG). Mangawhai Spit, 2 on 27/11 (GJE), 2 on 9/12 (MJT). South Kaipara Head, pair on 23/12 and 1/1 defending well-grown chick (MJT).

LITTLE TERN *S. albigifrons*

Paua, 1 on 20/10 (BHS, JHS). Kokota Spit, 1 on 23/2 (RMB, AMD). Rangiputa Bank, 7 on 21/10 (BHS, JHS). Walker I, 45 on 20/12 (RMB, AMD). Seagrove Point, Manukau H, 2 on 24/10 (RBS). Karaka, up to 6 in summer (BB, KJF). Manukau H census, 4 on 14/11 (BB). Access Bay, FoT, 5 on 20/2 (SD, AR, PS). Miranda, 3 on 3/5 (RBS). FoT census, 3 on 5/12 (BB). Sulphur Point, Tauranga H, 1 on 28/11 (PCML). Tarawera R mouth, 1 on 27/3 with White-fronted Tern (PCML). Ohope Spit, 2 between 5/11 and 16/1 (GAT, WMH). Waitangi, HB, 2 on 28/12 and 3/1 associating with nesting colony of White-fronted Terns (PWT, MT). Tukituki est, 1 on 29/5 fishing along breakers (KVT). Manawatu R est, 2 on 27/12 (JLM, MM). Motueka, 1 on 23/2, 4 on 19/3 (BE), 3 during Apr (JM).

WHITE-FRONTED TERN *S. striata*

Rangiputa Bank, c.100 on 21/10, mating but not nesting (BHS, IHS). S Kaipara Head, colony of 1000 on sandspit on 23/12 was inundated by tides on 30/12, but 780 birds were sitting or tending small chicks on 1/1 (MJT). Muriwai, 28 nests on 24/11, mostly with 1 chick, on ledges of the Mototara Rock stack (IAN); on 23/12, c.40 nesting birds on the stack and c.100 on adjacent mainland cliff (MJT). Karaka shellbanks, 93 on 16/2 (KJF). On 13/2, 62 adults and 12 immatures. Birds had not bred there (BB, RBS *et al.*). Manukau H census, 54 on 14/11, 46 on 26/6 (BB). Access Bay spit, FoT, c.200 on 16/5 (BB); c.250 on 23/9, flying around and mating, then flew off (BHS); 100+ on 7/11, some courtship feeding and high flights, no eggs (TC); 512 on 5/12 (BB). FoT census, 540 on 5/12, 104 on 17/7 (BB). Kawhia H census, 1 on 11/7, 14 and 6 juv on 6/11, 0 on 26/6 (BHS). Sulphur Point, Tauranga H, 50

nests each with 1 egg on 16/11; 74 nests (70 with 1 egg, 4 with 2 eggs) on 4/12; 63 juv and chicks on 22/1; 130 adults with 34 juv on 30/1 (BCh, PCML). Otamarakau-Waitahanui R mouth, c.500 on 7/5 (PCML). Ohope Spit, nesting (first time for some years) 340 and 70 eggs on 21/12; c.400 adults and c.100 juv on 29/1 (WMH). Motu R mouth, 89 adults and subadults, nesting completed on 20/1 (GAT). Muriwai Lagoon, Gisborne, 100+ on 4/4 (BRK). Wairoa est, c.250 pairs nesting and eggs to well-developed young on 11/12 (GAF). Bell Block, 1 on 10/3 chasing Pied Stilt (JCM). Waitangi, HB, c.800 on 22/9 (KVT). Tukituki R est, c.120, 75% being juv with some showing mottled plumage on 28/11 (KVT). Rangitikei R est, 16 on 15/5 (GRS). Manawatu R est, c.300 on 31/1 (JLM, MM), 61 on 27/2 (LJD). Waikanae est, c.300 on 23/5 (DJB), c.1500 on 27/2 (RNC, MLF). Arapawa I, c.200 on 7/3 at S end (WFC). Kekerangu, c.200 on 20/5 (DJB). Kaikoura pen, c.200 on 20/5 (DJB). Taramakau R mouth, c.150-200 on 26/3 roosting on shingle bank (CSL). Hokitika R mouth, 300 on 2/2, c.90 on 24/2, 25 on 21/6 (NJW). Ashley est, 590 on 14/10 (BE), 252 adults and 14 juv on 12/2, 63 adults and 2 juv on 27/3, 84 adults and 11 juv on 24/4 (PMS). Resolution I, 12 on 2/2 off NW coast (WJC). Invercargill est, Dec/Jan, 225 nests at colony (MLB).

NEW ZEALAND PIGEON *Hemiphaga novaeseelandiae*

Waima SF, 20+ on 28/12 (RMB, AMD). Kaihu SF, 18 on 30/10 (RMB, AMD). Hapuakohe Track, near Kaihere, scarce but present on 15/8 (BB *et al.*). Hunua Gorge, Papakura, Mr Hutchinson, City Ranger, reported seeing 40-50 on 26/5, flying overhead and on up the Hunua Gorge. 12 had been around for a few days and c.18 fed on privet on 29/5 (BB). Mt William Walkway, Bombay Hills, 3 on 29/5 in patch of bush (BB *et al.*). Kawhia, 6 on 26/6, eating tree lucerne near Te Kauri Lodge (TBST). Raurimu, 19 on 23/10, eating plum and willow tree shoots in snow (ASR). Mayor I, 1 on 11/2 in western valley (PCML). Otanewainuku, 10+ on 23/4 (PCML). Hillcrest, Whakatane, 2 resident (WMH). Mohi Bush, Maraetotara, c.12 on 17/4 feeding on tawa berries (ALH, KVT). Gollins Stream, Wainuiomata, 1 on 21/1 incubating in nest on beech branch 5 m above ground (AJB). Blenheim, 1 on 13/6 in rimu, 1 on 17/6 in totara, 1 on 19/6 in lacebark (MM). Rotomanu, Westland, 6 on 24/2 (PJF). Inchbonnie, 2 on 9/3 in flight (PJF). Kaniere, 9 on 18/2 in flock (NJW). Kaniere SF, 2 on 24/5 feeding on new leaves of broom (NJW). Banks Pen, Little Akaroa, 8 on 11/4 in totaras (D. Buzan).

MALAY SPOTTED DOVE *Streptopelia chinensis*

Papaaroa, Coromandel, 1 on 15/5 (CMM).

KAKAPO *Strigops habroptilus*

Little Barrier I, 24/1 (Thumb Track at 250 m), evidence of feeding with pieces of gahnia pulled out and lower ends chewed (BB).

WHITE COCKATOO *Cacatua galerita*

Kumeu (Ross Lane), 7 living in area, Jul (KMPF). Ngataringa Bay, 1 seen several times, Sep (KB). Glen Murray, 40 on 3/5 (SVG, RAG). Matira, 4 on 19/10 (SVG, RAG). Matakawau Road, Awhitu pen, 2 on 26/6 (VR). L Rotoiti, Hell's Gate thermal area,

4 on 21/5 wheeling among trees (JGI). New Plymouth, 1 reported near Barrett Lagoon in May 1982 may have been an escaped cage bird (AAB). Westmere L, Wanganui, 5 on 25/7 (OCT). Charles-town, 2 during Feb (DJO). Marsden Reserve, Greymouth, 1 on 7/3 in kahikatea regrowth. An escaped cage bird has been reported around the district for about three years (CSL).

KAKA *Nestor meridionalis*

Waima SF, 1 on 28/12 (RMB, AMD). Waitakere (Jonkers Road), 1 on 11/12 (JES). Opoutere, 1 on 5/1 at 0230 calling as it flew in from sea (Mayor I) and circling (BB). Pureora Forest, 1 seen, others heard on 6/6 Bismark Road (JHS, BHS), 5 on 15/6 (ASR, PJ, MLDS, FN). Mayor I, party of 3 near SE Bay, others heard on crater rim 11/12 (PCML). Otanewainuku, 1 on 23/4 flying NE (PCML). Arataki, Mt Maunganui, 1 on 14/5 to 16/5 in beach-front garden and sand dunes, roosting in pine trees (AMcC, PCML). Motu Reserve, 3 on 13/11 in bush (JCH). Gisborne, observed in several suburban gardens 1982/83 (JCH, BGJ, SCJ). St Arnaud, 5 on 5/12 (PJ). Worsley Valley, L Te Anau, 2 on 5/3 and 12/3 (KM). Disappointment Cove, Resolution I, 4 on 7/12 (KM). Sunday Cove, Breaksea Sound, 5 on 7/12 (KM). Stick Cove, Wet Jacket Arm, 3 on 4/12 (KM). Long I, Dusky Sound, 1 on 5/12 (KM).

KEA *N. notabilis*

Erratum: Notornis Volume 30 Part 1, March 1983. Page 60 KAKA line 14 insert "*KEA N. notabilis*" after "fluting at dusk (KM)."

Scotts Knob, Raglan Range, 1 on 20/11 (GIR). Upper Hodder Valley, Awatere, 2 on 5/9 — 1 adult and 1 immature (GIR). Woodpecker Bay, West Coast, 1 on 25/7 flying over coastal bush (NJW). Rotomanu, Westland, 2 on 4/3 in gum tree (PJF). Inchbonnie, 2 on 23/4 in rata (PJF). Otira Gorge, 1 on 10/4 (PJF).

CRIMSON ROSELLA *Platycercus elegans*

Central Park, Brooklyn, pair observed over 5 years living in Park at winter and feeding on older acorns on ground. In spring, birds move to Kelburn/Highbury suburbs and feed on shoots of English lime trees, taupata, *Coprosma repens*, flowers of wattle, tree lupin and broom. In 1977 & 1980, immature bird seen and in May 1982, 3 immatures. Observed feeding on Lawson cypress seeds on ground along with Greenfinches and Chaffinches in Karori reservoir area (AY).

EASTERN ROSELLA *P. eximius*

Tapuwai R, Hokianga, 2 on 11/10 in mangroves (RMB, AMD). Mt William Walkway, Bombay Hills, 2 on 29/5 in bush at S end of track (BB *et al.*). Puketui-Hikuai Valley, 9 on 14/9 (JGH). Ngauruawahia, 1 on 11/6 in kanuka tree (ALE). Rukuhia (S Hamilton), 2 on 29/5 (JHS). Hauturu, Kawhia, pair on 22/5, feeding at roadside verge (ASR). Awaroa Valley, 2 pairs on 22/5 (ASR). Te Kuiti, pair on 7/8 in kahikatea, 5.5 m due S (AMCD). Putara, NE Tararua Range, 2 on 17/2 (RAC), 4 on 2/4 (CRS, PMS). Mitre Flat, Holdsworth, 3 pairs in Mar (AJB). L Ponui, 60 on 18/3 (AJB). Q. Elizabeth Park, Paekakariki, 2 on 24/7 in kahikatea (CCO). Mangaroa Valley, Upper Hutt, 7 on 28/6 (AHC, ING).

RED-CROWNED PARAKEET *Cyanoramphus novaezeelandiae*

Onekura, Puketi, 1 on 4/1 (RMB, AMD). Mangahorehore, Puketi, 1 heard on 5/1 (RMB, AMD). Opuawhanga, 1 on 17/7, 7/9, 17/12, 25/12, 4/6 (JFS). Omaha Valley, 2 on 7/7 feeding on puriri berries (SC). Kawau I, pair in vicinity of Mansion House (ranger per MJT). L Ponui, 1 on 13/3 (RW).

YELLOW-CROWNED PARAKEET *C. auriceps*

Little Barrier I, 1 on 11/11 (SVG, RAG). Pureora Forest, 3 on 6/6 (JHS, BHS). L Marion, 1 on 8/10 (BE). Lewis Pass tarn, 2 on 4/2 (JHS, BHS). Andrews Stream, present on 5/2 (JHS, BHS). Arthurs Pass township, 2 on 4/4 (GW). Arthurs Pass, 12 on 19/3 (CMM). L Summer, SFP, 2 on 19/5 (GW). Lee I, Te Anau, 1 on 12/3 (KM). John I, Breaksea Sound, 1 on 2/2 (KM). Pigeon I, Dusky Sound, 1 on 7/12 (KM).

PARAKEET sp.

Havelock, 2 on 14/1 (DL).

SHINING CUCKOO *Chrysococcyx lucidus*

Tapuwae, Hokianga, 4 on 9/11 in mangroves (RMB, AMD). Opuawhanga, 3 on 27/11 calling and chasing one another, then perching on branches in full view for some time (JFS). Little Barrier I, 3 on 14/11 feeding together (SVG, RAG). Waiheke I, first heard for season on 20/9 (BS). Orapiu Valley, Waiheke I, on 21/1 young bird being fed by 2 Grey Warblers (BS). Oakei, young bird on 7/2 squeaking and attracting Grey Warbler (MJT). Remuera, frequently whistling on 28/9 (RBS). Howick, 1 on 29/8 (CMM). Hamilton, 2 or more birds heard calling at night on 5/10, call without final descending note (JNC). Rangitoto Ranges, 1 heard on 2/10, in Cowan Block (BHS, JHS). Otanewainuku, 3 on 30/10 (PCML). Waimana R valley, Urewera NP, very common (WMH). Te Matai SF, first call heard on 21/9 (GAT). Tangarakau, near Whangamomona, first call 26/9 (JGI). Gisborne suburbs, first call heard 28/9 (MAW). Juvenile stripping caterpillars from kowhai (JCH). Muriwai, Gisborne, adult-sized bird being followed and fed by Grey Warblers on 14/3 (BGJ, SCJ). New Plymouth, first heard on 16/9; well-grown young being fed by Grey Warblers on 18/2 (DGM, JCM). Te Popo, near Stratford, first heard 29/9 (JM). Turakina Valley, 1 heard on 29/9 (LJD). Purity Hut track, W Ruahine Range, 3 seen on 29/1 (LJD). Tawa, 1 on 3/10 (JHS). Makara, 1 on 3/10 (JRM). Ward, first heard on 18/10 (TJT). Rotorua, Kaikoura, 1 seen on 8/11 and 9 heard; 1 on 23/12 (BE). Christchurch, first heard on 30/9 (DJO). Greymouth, 1 on 20/9 (CSL). Hokitika, first heard 18/10, last seen 31/3 (NJW). Christchurch, 1 gleaning caterpillars off kowhai on 26/3 (PMS).

LONG-TAILED CUCKOO *Eudynamis taitensis*

Kaihu SF, 1 on 30/10 (RMB, AMD). Mt Te Aroha, 1 on 12/2, on Tui Saddle (PJ). Otanewainuku, 1 on 2/10 calling just below summit, mobbed by Whiteheads; 1 calling in flight 19/12 (PCML). Tarawera Forest, 1 on 7/11 being mobbed by 4 Chaffinches (RMW). Urewera NP, Ogilvie Bridge, seen and heard 18/12 (WMH); 5 in flight and very vocal, 28/1 (RMW). Te Matai SF, first call heard on 8/10; present until early Mar (GAT). L Okataina Scenic Reserve,

first call heard 10/10 (JGI). Motu Reserve, 4 on 13/11 in bush (JCH). Manganuku R, Waioeka Gorge, at least 7 on 2/1 (BRK). Totara Reserve, Pohangina Valley, 1 on 15/10 (CHL). Herepai Hut Track, NE Tararua Range, 1 on 17/2 (RAC). Khandallah Reserve, 2-3 calling Oct-Feb; no Whiteheads present (RNT). DSIR Research Station, Orongorongo Valley, 3 calling (one seen) 9/1; Whiteheads also seen in area (AHG, ING). Waikanae sand-dune gardens, 1 on 1/1 calling as it moved inland at midday (MAF). Charlestown, 1 on 17/12 calling at night (DJO). Punakaiki, 1 on nights 5/11 and 11/11, thought to be flying over area (DJO). Greymouth, young bird found in exhausted condition and released after 2 days' care and feeding (CSL). Lewis Pass tarn, heard calling on 4/2 (JHS, BHS).

MOREPORK *Ninox novaeseelandiae*

Motukaraka, 2 on 10/2 in mangroves (RMB, AMD). Remuera, repeated calls during night, 26/4 (RBS). Hamilton, 1 on 12/4 diving at cat; 1 on 2/5, 4/5 and 7/5 in suburban garden; pellets were weta remains and bird bone (ASR). Otawainuku, 1 on 23/4 being scolded by Blackbird, Fantail, Silvereye, Bellbird and Grey Warbler (PCML). Papamoa Beach, 1 on 29/5 and 30/5 in garden for first time (PCML). Round Bush, Foxton, 1 on 3/1 (JLM, MM).

LITTLE OWL *Athene noctua*

Tuamarina, 1 on 18/5 flying at 1430 hours (KVT). Hodder, Awatere, 1 on 23/4 heard at dawn (GIR).

NEW ZEALAND KINGFISHER *Halcyon sancta vagans*

Matahui Point, large numbers use power line crossing Tauranga H to Matakana I as roost and vantage point during autumn and winter to feed on mud crabs — at times as many as 50 (BC). Ohope SP, 1 on 1/1 hitting skink on stone (RMW). Hawkes Bay, widespread and readily seen (KVT). Wanganui R, at Wanganui, c.20 on 1/6/80 (OCT). Benmore, 1 in Nov 1981 found dead with mouse in throat (TJT). Ward, 1 on 3/6 with Redpoll in bill, which was later released but died (TJT). Inchbonnie, 4 on 21/2 (PJF). Invercargill coastal area, last sighted 14/10, first sighted 24/1 (MLB). Cascade Cove, Dusky Sound, 1 on 17/5 (KM).

KOOKABURRA *Dacelo gigas*

Helensville, small numbers in area, Aug (CE). Little Barrier I, 1 on 21/11 (KRB).

BROAD-BILLED ROLLER *Eurystomus orientalis*

Westhaven Inlet, 1 on 8/3 (JMH). Blenheim, 1 on 31/3 shot in vineyard (WFC).

RIFLEMAN *Acanthisitta chloris*

Little Barrier I, party 18/1 in kanuka forest above Pied Shag colony (RL). Party at 1400 feet on Summit Track 19/1 (PCML). Species more common than on previous visit made 11/74 (RL, PCML). Pirongia, present on S side of mountain on 14/5 (BJZ). Pureora Forest, pair on 25/9, near Bismark Road (BHS). L Rotorua Scenic Reserve (N of lake), 2 on 6/2 seen in rimu/tawa/kohekohe forest (GAT). Makatiti Dome, near L Tarawera, several pairs seen

on 26/4 (MCS). Mohi Bush, Maraetotara, c.15 on 17/4 (PWT, MT). Gibson, Clarence, 3 on 11/12 (GIR). Rotorua, Kaikoura, 4 on 20/9, 4 on 8/11 (BE). Lewis Pass tarn, seen and very quiet, on 4/2 (JHS, BHS). Little Akaloa, Banks Pen, 2 on 5/9 (PL). Gunns Bush, Waimate, numerous on 12/2 (JHS, BHS).

ROCK WREN *Xenicus gilviventris*

Moss Pass, Nelson Lakes, 3 on 24/4 (DJB). Mt Burnett area, Dusky Sound, pair in scrub at 988 m, patches of snow 10 cm deep, on 23/5 (KM).

SKYLARK *Alauda arvensis*

Waiheke I, plentiful on hills at Orapiu (BS). Muriwai Lagoon, Gisborne, 1 on 15/11 on ground giving repeated quiet chirrup, ending in convincing mimicry of Banded Dotterel *pink* (BRK). Hawkes Bay, common (KVT). Waikanae est, 1 on 12/9 at surf's edge feeding like wader (AHG, ING). Hodder, Awatere, 6 on 4/9 (GIR).

AUSTRALIAN TREE MARTIN *Hylochelidon nigricans*

Nelson Haven, 1 on 23/11 (JMH).

WELCOME SWALLOW *Hirundo tahitica neoxena*

Waihi Beach, c.30 on 26/5 feeding along coastal cliffs and dunes (GAT). Sulphur Bay, L Rotorua, flock started gathering early May; 55+ on 6/5, 700 on 18/6 (GAT). Hatepe, Taupo, constantly seen along shore line (WAW). L Rotowhere, near Rainbow Mountain, c.150 on 19/6 (GAT). Muriwai, Gisborne, increasing numbers with successful breeding noted 1982-83 (PGF). Cape Egmont, flock of at least 50 on 5/6 (DGM). Westshore, 86 on 26/2 (census) (KVT). L Poukawa, c.100 on 3/4 (KVT). Hutt R, Kennedy-Good Bridge, 30+ on 18/5 (AHG), c.100 late Jun (JAG). Buller R, nesting 9/10 (P. Jenkins). Avon, Waihopai, 2 adult and 4 young sunbathing on dirt track on 11/1 (P. Jenkins). Paynes Gully, Kumara, 12+ on 1/8 (CSL). Turiwhate, 15 on 12/3 (CSL). Hokitika, irregular after April — 2 on 31/5 and 1 on 2/6 (NJW). Rangitata R, 8 on 23/5 (PC). Inchelutha, 18 on 29/5 (PC). Awarua Bay Road, in vicinity of Jan 1982 nest site, 1 on 12 of 15 visits between 17/8 and 18/2. Not seen on 4 visits after 18/2. Nearest known birds 50 km away at Round Hill (MLB). Te Anau, 11 sightings of 1-8 birds 22/5-30/6; Mararoa Dam and Mararoa R mouth, 33 feeding over water on 29/5 (KM, JVM).

NEW ZEALAND PIPIT *Anthus novaeseelandiae*

Piha, 2 on 18/10 running down to kelp from sand dunes (BS). Waiheke I, 4 on 29/1 at first light; often seen along hill tops (BS). Otamarakau, Waitahanui R, 1 on 1/8 (PCML). Mohakatino est, 1 on 6/6 (R. Eliason). Mimi est, 1 on 24/7 (DGM). Te Popo, near Stratford, often observed during summer (JM). Clifton, 3 on 31/3 on beach (KVT). Western Ruahine Range, 6 in subalpine area above Purity Hut on 21/8 (LJD). Manawatu R est, 1 on 13/3 (JLM, MM). Upper Hodder, Awatere, 4 on 5/9 (GIR). Trail Stream, 6 on 6/9 feeding (GIR). Hokitika, winter visitor, first seen first week of Jun (NJW). Park Pass, Rockburn, 6 on 27/12 at 3950 feet (PC). Matukituki R, good winter flocks of a dozen or so along margins on 23/6 (PC).

DUNNOCK *Prunella modularis*

Opuawhanga, 1 on 7/6 feeding on earthworms and insects (JFS). Muriwai, 2 females on 15/10 singing in scrub on slopes above the gannetry (RBS). Te Matai SF, first song heard 31/3 (GAT). Gisborne suburbs, thrush-like tugging of worms from lawn and eaten with gusto 20/7; 2 very vocal 4/11; mating 5/11 (JCH). Herepai Hut Track, NE Tararua Range, 1 on 17/2 in bush (RAC). Ward, 1 heard on 10/9 and 11/9 at 1330 hours giving short song (TJT). Kaniere SF, most common bird; c.16 in year-old radiata plantation 24/5 (NJW).

FERNBIRD *Bowdleria punctata*

Tapotupotu, 4 on 25/4 (ASR, JMR). Paua, 2 on 20/10 (BHS, JHS). Hokianga Harbour, 400 4/9 to 10/3, full harbour survey (RMB, AMD). Pollen I, 12-15 pairs in spring 1982 (DR). Meremere/Island Block Road, on 16/4, in good numbers in swamp (BB, JD *et al.*). L Waahi, 1 on 20/3 (PJA). Mangatepopo R, Tongariro NP, pair on 13/2 (TPB, RO). Matakana I, wetlands at N end, present in scrub around ponds 25/9 (PCML). Athenree, present in harbour-edge vegetation 2/10 (PCML). Tuapiro R est, Tauranga H, 3 seen on 17/10, many heard and nesting behaviour noted (BCh, PCML). Tarawera R mouth, Matata, 2 on 31/7 (WMH). Awaiti wetlands, seen and heard 29/12 (BHS). Kaingaroa SF, Rangitaiki R bank, 2 on 30/7 (WMH). Waipapa Ecological Area, Pureora SF, several in swamps 7/8 (JRL). Egmont NP, 12 near Lake Dive on 30/10 (R. Zuur); several near Holly Hut on 2/2 (AAB). Waiwakaiho-Mangaoraka Tracks, N Egmont, 9 on 20/2 (RWW). Kaitake Ranges, 11 on 30/1 (RWW). Blowhard, c.9 on 4/12 (DA, MR, AR, BMT). Top House, Nelson, seen and heard in Jan (RAF). Paynes Gulley, Kumara, on 1/8, 1 calling loud and clear in cutover scrub (CSL). Awatuna, Westland, 1 on 31/7 flew across road from flax to scrub (CSL). Turiwhate, Westland, 5 on 27/3 (CSL). Martins Bay, several locality records on 28-29/11 (KM, JVM). Big L, Te Anau Downs, 3 on 14/4 (KM). Waituna Lagoon, 1 on 22/2 (WJC).

BROWN CREEPER *Finschia novaeseelandiae*

Ramshead Saddle, Omapu, 50+ on 4/4 (CMM). Ward, seen and heard on most days in Aug and first half Sep (TJT). Rotorua, Kaikoura, 17 on 20/9 (BE). Mt Fyffe, groups of 4 and 5 from 500 m to 900 m in snow on 26/8 (BE). Upper Leader Valley, 6 on 1/1 seen in kanuka (LJD, SEG). Gunns Bush, Waimate, several flocks of 7-8 moving through canopy and coming lower, even to ground to feed (JHS, BHS). Entry I, Breaksea Sound, 12 on 5/2 (WJC).

WHITEHEAD *Mohoua albigilla*

Tokoroa E, common on 16-17/4 in pine forest and in mixed podocarps (JCD). L Whakamaru, 2-3 on 26/3 in pine forest (BHS). Pukeora Forest, 15+ and 8+ on 6/6, moving through 30 m rimu canopy (BHS, JHS). Rangitoto Ranges, 10 seen or heard on 2/10 in Cowan Block (JHS, BHS). Otanewainuku, 4 on top ridge 21/8 (BHS); group on N-side track 2/10 (PCML); 3 on 2/10 mobbing Long-tailed Cuckoo; 2 on E-face track feeding high in tawa (PCML). Kaingaroa SF, Ngapuketurua, 5 on 22/5/82, 18 on 11/7; 20+ on 28/11 (WMH). Hatepe, L Taupo, maintaining numbers in kanuka

bush and scrub 1-14/1 (WAW). Tauranga-Taupo R mouth, 12/1, family group in large willow (WAW). Waikaremoana, 3 on 16/10 on Ngamoko Track (JCH). Matawhero, 1 on 23/3, rare visitor (EJJ). Raupunga, 6 on 25/3 in small bush area (GAF). Ball's Clearing, c.13 on 12/9 (KVT); 20 on 27/11 (AHG, ING). Boundary Stream Reserve, HB, 3 on 12/12 (KVT).

YELLOWHEAD *M. ochrocephala*

Caples Valley, upper, several seen/heard in beech forests on 13/5 (PC). Hawden Valley, Arthurs Pass, 17 on 19/3 (CMM).

GREY WARBLER *Gerygone igata*

Unahi, Rangaunu, 2 on 10/12 in mangroves (RMB, AMD). Te Karae, 5 on 6/12 in mangroves (RMB, AMD). Gollins Stream, Wainuiomata, 21/6, fully feathered bird being fed by male (AJB).

FANTAIL *Rhipidura fuliginosa*

Waitiki Channel, 2 on 18/11 in mangroves (RMB, AMD). Kauaeranga Valley, 1 black on 29/5/82 (JB). L Whakamaru, 2 on 26/4, both black, in pine forest. Said to be common (JGI, BHS). Te Puia Springs, flock of 27 hawking over the lake, swallow-like, on 6/4 (JCH). Mohi Bush, Maraetotara, 7 on 17/4 (KVT). Horse-shoe L, 6 on 14/5 (KVT). Arthurton, Canterbury, black pair on 24/8 with nest 45 feet up in pine tree (MLB).

PIED TIT *Petroica macrocephala toitoi*

Waima SF, 10+ on 28/12 (RMB, AMD). Russell SF, 5 males on 15/11, Te Rangi Track; 4 males on 6/12, track to WTC Hut (JFS). Glenburvie SF, N reaches, 7 males on 28/4/81 on part of Herman's Track (JFS). Opuawhanga, 1982/83, 10 territories identified (JFS). Dome Valley, 1 on 15/3 and 17/4 heard and seen (BAB). Waitakere Range (Cascades Track), 1 on 19/2 (MG). Kirikiri Saddle, Kopu, 2 on 14/9 (JGH). Kauaeranga Valley, present on 26/9 (RMW *et al.*). Waharau RP, Kaiaua, 4 on 1/5 calling (BB *et al.*). Hamilton, 1 on 27/1, in garden near lake (MLDS). Tokoroa E, small number on 17/4 in mixed podocarp forest in Pukerimu ravine (JCD). Rangitoto Ranges, common in Cowan Block, 2/10 (BHS, JHS). L Whakamaru, 2-3 on 26/3, in pine forest (BHS). Matakana I, 1 male on 11/7 (PCML). Otanewainuku, 2 pairs on 30/10 showing nesting behaviour, and male carrying food (PCML). Waiioeka Gorge, Manahuku Stream, 17/10, saw hen leave nest containing eggs, another nest adjoined (RMW). Urewera NP, Ogilvies Bridge, 4 on 29/1 (RMW). Motu Reserve, 11 on 13/11 in bush (JCH). Rangiwhia Ski Club Hut Track, W Ruahine Range, 8 on 25/7 seen on bush walk (LJD). Totara Reserve, Pohangina Valley, 1 on 4/3 (CHL).

YELLOW-BREADED TIT *P. macrocephala macrocephala*

Ramshead Saddle, Omaka, 4 on 4/4 (CMM). Rotorua, Kairakourua, 2 males on 30/5 (BE). Mt Robertson, 4+ on 17/4 (DJB). Lewis Pass tarn, seen 4/2 (JHS, BHS). Harris Bridge, near Turiwhare, Westland, 1 on 12/3 and 27/3 in roadside tree (CSL). Inchbonnie, 1 on 31/3 and 9/4; 1 on power wires on 23/4 (PJF). Taipo, Westland, 1 on 23/3 on manuka (PJF). Upper Leader Valley, 8 males

seen in kanuka on 31/12 (LJD, SEG). Gunns Bush, Waimata, numerous on 12/2 (JHS, BHS).

NORTH ISLAND ROBIN *P. australis longipes*

Tokoroa E, small number on 27/4 in mixed podocarp forest in Pukerimu ravine (JCD). L Whakamaru, 2 on 26/3 in pine forest (BHS). Rangitoto Ranges, 2 on 2/10 (JHS, BHS). Pureora N block, 1 on 6/6, heard across valley, responding to a squeak bottle (JHS, BHS). Pureora Forest, 2 on 15/6, near Bismark Road (ASR, PJ, MLDS, FN). Otanewainuku, female on 25/10 plucking fibres from ponga crown (PCML). Kaingaroa SF, Kiorenu, 2 on 22/5/82 (WMH). Urewera NP, Ogilvies Bridge, 5 on 27/12 (WMH), 2 on Te Waiti Track 30/1 (RMW). Rainbow Mountain, 1 on 15/9 in forested crater (BDC). Kaipo R, Kaimanawas, abundant in April (JGI). Manganuku R. Waioeka Gorge, 3 or 4 singing on 2/1 (BRK). Mangataniwha, pair on 2/10 (PWT, MT).

SOUTH ISLAND ROBIN *P. australis australis*

Ramshead Saddle, Omaka, 8 on 4/4 (CMM). Gibson, Clarence, 5 on 11/12 (GIR). Snowflake, Kowhai, 1 on 27/2 (GIR). Lewis Pass tarn, 1 on 4/2 heard (JHS, BHS). Andrews Stream, present on 5/2 (JHS, BHS). Upper Leader Valley, 1 seen at edge of kanuka on 5/1 (LJD, SEG).

STEWART ISLAND ROBIN *P. australis rakiura*

Freshwater Flats, 6 on 5/7 (CMM).

SONG THRUSH *Turdus philomelos*

Tapuwae, 3 on 9/11 in mangroves (RMB, AMD). Remuera, starting to sing on 13/4 (RBS). Tuapiro, Katikati, heard mimicking calls of Long-tailed Cuckoo and Spur-winged Plover, both rare in district, and Pukeko, which is common (BCh). Papamoa Beach, first loud territorial song heard 26/6 (PCML). Te Matai SF, first tentative song on 31/3 (GAT). Hastings, nest lined with filtered ends of cigarettes! (KVT). Haumona, nest with rim extending 12 mm, inside made of very fine grasses (KVT). Picton, 29 on 24/5 in wet grass (KVT, PCML).

BLACKBIRD *T. merula*

Tapuwae, 5 on 27/9 in mangroves (RMB, AMD). Orakei, 1 on 26/11 taking feijoa flowers and feeding to fledgling (MJT). Papamoa Beach, pair raised 5 chicks in my garden, Nov (PCML). Murupara, 1 male with two narrow white neck bands 28/7 (WMH). Gisborne suburbs, 1 on 12/11 catching and dunking worms repeatedly in honey set out at ground level for Silvereyes (JCH, MAW). Reefton, 1 albino on 27/5 (DJO). Paynes Gully, Kumara, very common in light bush and open areas on 1/8 (CSL).

SILVEREYE *Zosterops lateralis*

Motukaraka, 2 on 10/9 feeding on mangrove flowers (RMB, AMD). Tuapiro, Katikati, numerous nests on our property between late Oct and Jan, 1.5-3 m from ground, sometimes as close as 6 m to one another (BCh). L Okareka, still flocking on 27/9 (JGI). Hastings, 1 at syrup dish took 31 sips continuously on 20/8 (KVT). Wakamarina, Pelorus R, c.150 on 9/3 feeding on fivefinger berries

(GIR). Mill Creek Ridge, Kaikouras, several on 24/7 at 2975 feet in 16 cm of snow (BE). Lewis Pass tarn, seen on 4/2 (JHS, BHS). Charlestown, migration seen or heard; c.200 on 19/4; 30 on 20/4; flock very high 23/4 and 11/6 — N/NE direction; c.400 on 19/6 low down in valley E-W (DJO). Alexandra, after an exceptionally cool, windy, changeable spring and summer 1982/3, appeared in gardens in late Jan/early Feb about two months earlier than usual (PC). Mt Burnett area, Dusky Sound, flocks feeding in subalpine scrub on 19-25/5 (KM).

BELLBIRD *Anthornis melanura*

Army Bay, Whangaparaoa Pen, 1 on 20/1 heard calling from akeake (JRJ). Shakespeare Regional Reserve, 22 from Tiritiri I and Cuvier I released to establish breeding colony on Whangaparaoa Pen, Mar 1983 (JLC). Otanewainuku, plentiful 2/10 (PCML). Mayor I, 11/12, most common bird, fully fledged young still being fed by parents, a high pitched 'tweet tweet' call given to attract adults (PCML). Rotorua, Kaikoura, 15 on 20/9 (BE). Lewis Pass tarn, seen on 4/2 (JHS, BHS). Upper Leader Valley, 20+ seen/heard on 1/1 (LJD, SEG). Hanmer Springs, heard in exotic forest on 1/1 (DJB). Gunns Bush, Waimate, numerous on 12/2 (JHS, BHS). Shag I, Dusky Sound, 2 juv being fed by 2 adults 4/2 (WJC). Disappointment Cove, Resolution I, heard 2/2/83 (WJC).

TUI *Prosthemadera novaeseelandiae*

Tapuwae, 2 on 27/9 roosting and singing in the mangroves (RMB, AMD). Mayor I, far less common than Bellbirds; a few seen from W valley to SE Bay (PCML). Mohi Bush, Maraetotara. c.12 on 17/4 eating tawa berries (MTC, BMT).

YELLOWHAMMER *Emberiza citrinella*

Panguru, 2 on 24/11 in mangroves (RMB, AMD). Karaka, 4/2, nest with 2 eggs; 2 young on 13/2 (RBS). Purity Hut Track, W Ruahine Range, c.50 on 21/8 in clearing in cedar forest (LJD).

CIRL BUNTING *E. cirrus*

Waiherere Domain, Gisborne, 1 singing on 6/12 (BRK). Tuaheni Point, Gisborne, 1 singing on 10/12 (BRK). Nelson Haven, 8-12 during winter 1982; about 8 during Apr/Jun (JMH, GQ). Motueka, 2 on 25/2 (BE). Rough I, 1 on 9/4 (BE). Taylor Dam, Blenheim, 1 on 9/9 (BE). Elterwater, 2 on 19/5 (PCML). Ward, 2 hours before dark on 3/1 pair with 2 young (out of nest about 2 weeks); female present but male fed young 3 small dark grubs and about 5 seeds from barley grass; 9 on 11/9 in group (TJT). Cascade SF, South Westland, 1 on 18/6 (CFJO). Manuherikia R. Galloway, 1 male on 3/2 (PC).

CHAFFINCH *Fringilla coelebs*

Motuti, 4 on 23/11 in mangroves (RMB, AMD).

GREENFINCH *Carduelis chloris*

Tuapiro, Katikati, pair nested in same place in same tree on 10/11/82 as they did on 7/11/81; dates are first days hen seen carrying nesting material to site (BCh). Gisborne suburbs, mating first noticed on 5/7 (JCH). Hastings, 2 eating suet, bran and honey cake in 1982 winter (KVT). Purity Hut Track, W Ruahine Range,

4 on 21/8 in cedar forest (LJD). Vernon Lagoons, c.10 on 9/4 (DJB). Cobden Lagoon area, 1 calling on 9/4 (CSL). Inchbonnie, 2 on 6/3 (PJF).

GOLDFINCH *C. carduelis*

Motukauri, 20+ on 22/11 in mangroves (RMB, AMD). Te Karaka, Hokianga, pair nesting in mangroves 2/12 (RMB, AMD). Remuera, still feeding on liquidamber seeds on 13/7 (RBS). Tuapiro, Katikati, c.12 pairs nested on our property, first found on 27/10, young ready to leave last nest 19/3 (BC). Thornton Wildlife Management Reserve, charm of c.300 feeding on weed seeds 16/6 (RMW). Waihora, W Taupo, 60+ on 26/7 feeding in forest clearing (JGI). Gisborne suburbs, first flocking (42 birds) noted 27/7. Increased to 178 by 28/9 (JCH, MAW). Blenheim, 40 in Jun (MM). Ward, 150+ in May in fathen (TJT). Maui Street, Kaikoura, on 30/12 nest with 4 chicks and 1 egg; 2 chicks on 1/1; 1 on 12/1 and none on 14/1 (BE). Turiwhate, c.25-30 on 27/3 feeding in swamp (CSL). Central Otago, 1982-83 evidently good season — many prominent flocks in many areas, after previous decline (PC).

REDPOLL *C. flammea*

Access Bay, FoT, present on 4/5 (TGL, RBS). Matakana, N end, pair with subadult 15/5 (PCML). Purity Hut Track, W Ruahine Range, c.20 on 21/8 in cedar forest clearing (LJD). Kowhai R, c.50 in 30/8 excited by squeak bottle (BE). Turiwhate, c.10 on 27/3 (CSL).

ZEBRA FINCH *Poephila guttata*

Wellington Zoological Gardens, 7 on 4/8 flying free; not kept at gardens for at least 6 years (DG).

STARLING *Sturnus vulgaris*

Remuera, young on wing among wild cherries 11/11 (RBS). Outer Gilbert I, Breaksea Sound, 2 on 3/2 (WJC).

INDIAN MYNA *Acridotheres tristis*

Hokere, 10+ on 2/3 in mangroves (RMB, AMD).

NORTH ISLAND KOKAKO *Callaeas cinerea wilsoni*

Omahuta SF, 1 on 7/2 heard calling and in flight but not seen (D. Bartram per PB). Little Barrier I, 24 released before May 1983 (MJT); Tirikakawa Stream mouth, 22/1, mew cell heard 8 times (BB). Kohukohunui Track, Hunua Ranges, 1 reported on 29/3 at 1200 m mark (RPS). Hapuakohe Track, near Kaihere, 1 on 15/8 (BB *et al.*). Kawhia SE, 3 on 10/4 in tawa forest near Dome (ASR). Pureora Forest, 3 in early April, off Ringinui Road, in cutover bush (RWD); 1 on 15/6 in podocarp forest near Bismark Road; 1 pair and 2 juv on 30/6 (FN, BJZ). Otanewainuku, Loop Track, 25/10, pair observed feeding on kohekohe grove about 1330 hours, appeared to be hunting insects just below canopy; were silent but one frequently flicked its wings. Pair with fully fledged bird feeding on supplejack berries 3/3. Same group seen 23/4. High on N side, pair feeding on tawa berries with NZ Pigeons 23/4 (PCML). Horohoro Forest, Mamaku, pair seen, others heard 16/4 (PCML). Moki SF, Taranaki, up to 6 heard and 3 seen late December

1982; estimated that c.20 pairs present in about 400 acres of dense rimu-predominant forest (J. Clark).

WHITE-BACKED MAGPIE *Gymnorhina tibicen hypoleuca*

Hokianga S, scattered but never more than 3 seen together (DB). Rotorua City, first birds in "at least 30 years" heard singing regularly in residential area 21/7 (GAT). Arahahi Lagoon, Whirinaki SF, 8 on 30/4 (JGI). Rotoiti, Kaikoura, 1 on 20/9 (BE). Alexandra Basin, mid-winter census on 30/7, 205; first arrived in district 20 years ago (PC). Southland, continuing to increase slowly over whole of district (RRS).

ROOK *Corvus frugilegus*

Helensville, 4 sighted during winter 1982 (CE). Miranda, 8 on 2/4 (BB), 55 on 23/5 (SD). Tokoroa/Lichfield, 2 on 18/12 (JCD). Tihiroa (N of Otorohanga), 1 on 11/7, sitting on fence with White-backed Magpies (RWD). Gisborne City, 8 on 21/7 cawing in flight (JCH, MAW). Tolaga Bay, 7 on 12/5 paddock feeding with 3 Spur-winged Plover (JCH). Wairoa, 3 on 28/12 among driftwood on beach; 2 over town on 19/6 (GAF). L Poukawa, c.30 on 6/7 (KVT). Mangatahi, 80+ on 21/12 and following 2 evenings at dusk, flew across Ngaruroro R to roosting place (PWT, MT). Makuri Valley, Pahiatua, c.50 with nests on top of pine shelter belt on 10/10 (LJD, RAC, SEC). Kaikoura, 13 and 3 nests in gumtrees on 16/9; 6 and c.5 nests on 30/10; 16+ on 5/11 (BE). Lumsden, 1 on 8/4 (S. A. Sutherland per RRS).



SHORT NOTES

BELLBIRDS IN AUCKLAND AND NORTHLAND

History: Early reports (e.g. Buller 1873) suggest that Bellbirds (*Anthornis melanura*) were once abundant throughout New Zealand, including Northland and Auckland. In the early 1860s, numbers began to decline rapidly, starting in the north and progressing southwards. In North Auckland numbers diminished rapidly from 1862 (Buller 1888), whereas the low in Canterbury was not recorded until the early 1900s (Stead 1927). Subsequently, Bellbird numbers have increased in most regions with the notable exception of Auckland and Northland, where they are absent. Bellbirds have persisted, apparently without decline on the following northern offshore islands: Arid, Poor Knights, Hen & Chickens, Mokohinau, Little Barrier and Tiritiri Matangi. Until the 1950s Bellbirds were also known on Motuihe Island and the Cavalli Islands.

Present status: Sporadic reports of Bellbirds on the mainland in Auckland and North Auckland can be found in the literature (Turbott 1953; Classified Summarised Notes in *Notornis* Vol. 6, 7, 8, 9, 19, 20, 22, 23, 24, 26) but many of these are sightings of a few birds in places close to the above offshore islands (Fig. 1). The rare reports of Bellbirds within Auckland City or on the West Coast localities may have been misidentified song of Tui (*Prosthemadera novaeseelandiae*).