

# CLASSIFIED SUMMARISED NOTES, NORTH ISLAND

1 July 1987 to 30 June 1988

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E. & O. E.

**Abbreviations:** asl above sea level; BoP Bay of Plenty; B Beach; E Estuary; FoT Firth of Thames; F Forest; FP Forest Park; H Harbour; HB Hawkes Bay; HQ Headquarters; imm/s immature/s; I/s Island/s; juv/s juvenile/s; Lag Lagoon; L Lake; NP National Park; Pen Peninsula; Pt Point; Res Reserve; R River; SF State Forest; SP Sewage Ponds; sp species.

NB: Manukau H census dates: winter 14/6/87, summer 22/11/87. FoT census dates: summer 6/12/87, winter 3/7/88.

## BROWN KIWI *Apteryx australis*

Wellsford, Logue's Bush, 1 released to join a prior 5 on 19/3 (KW). Tapora, c.3 prs heard on 17/1 (MJT). Ponui I, heard at night on 11/1 (PC). Pirongia, Walter Scott Res, clump of feathers found on track on 17/1 (BRK).

## BLUE PENGUIN *Eudyptula minor*

Aupouri Pen, Rarawa B, 2 chicks under dense *Scirpus* and flax on 16/1 (PA). Waipoua, W Coast, numerous, including many chicks, in vegetation on 16/1 (PA).

NEW ZEALAND DABCHICK *Podiceps rufopectus*

Waiwera, Straka's Refuge, 4 on 10/8 (MJT). L Kereta, 6 on 30/12 (BS). S Kaipara lakes, 45 on 6 lakes on 13/2 (GAP, MG). Mangere SP, 2 with Grey Teal on 4/3 (GJE, RBS). L Waahi, 2 on 1/5 (BJZ *et al.*). L Ngaroto, 1 on 30/5 (ARP), 1 on 31/7 (ASR, JMR). L Rerewhakaaitu, 4 on 25/1 (KO). Kawerau, L Tamurenui, at least 9 forming prs on 12/7; 10 in front of maimai 4 days into duck-shooting season on 10/5 (RMW). Matata, 3 on 5/7 and 14/5; Thornton Lag, 2 on 5/7, 11 on 14/5 (CJ, PCML). L Taupo, Waihi Bay, 2 on 29/12 (Sch). Westshore Lag, 2 on 7/5; E Clive, 1 on 11/7; Hurimoana Swamp, 19 on 16/8 (KVT). Waimarama Rd swamp, 2 on 26/9 (JMcC). Longridge L, HB, 2 on 25/1; Porangahau - Blackhead road, 2 in farm pond 25/1 (BDH). Woodville, Bolton's L, 2 on 30/12 (Sch). Wanganui Camp L, 2 on 26/1; Wanganui R, 1 on 27/1 (PFB). Palmerston N, Centennial L, 1 on 16/8 (RG). Foxton No. 1 L, 2 prs with 3 and 2 young on 7/2; 15 on 24/4; Foxton No. 2 L, 2 on 7/2; Levin, Heatherlea Pond, 1 on 11/10, 2 on 26/1 (JLM, MM). Rakauhamahama Lag, Levin coast, 4 prs on 18/7 (BDH, WRJ, MO, MO). L Horowhenua, 186 on 14/5 (AC, WRJ). Waikanae E, 2 on 1/4 (AJT).

AUSTRALIAN LITTLE GREBE *Tachybaptus novaehollandiae*

Jack's L, 16 on 3/8/86 (GW). L Kereta, pair with 1 chick on 12/1 (GM, BS).

WANDERING ALBATROSS *Diomedea exulans*

Alderman I, 1 offshore on 10/4 (PS, AJT).

## NEW ZEALAND BLACK-BROWED MOLLYMAWK

*D. melanophrys impavida*

Astrolabe Reef, off Motiti I, 4 on 22/5, 2 (1 imm, 1 adult) on 26/5 (KWLB). Foxton B, 1 imm passing on 4/7 (JLM, MM).

YELLOW-NOSED MOLLYMAWK *D. chlororhynchos*

Great Barrier I, 2 during crossing on 26/7 (RJL). Mercury Is, 3 offshore on 4/8 (JED, TGL, AJT).

SALVIN'S MOLLYMAWK *D. cauta salvini*

Ohope B, 1 dead (oiled) on 30/10 (WMH).

## ALBATROSS/MOLLYMAWK sp.

Foxton B, 6 passing on 6/7 (JLM, MM).

NORTHERN GIANT PETREL *Macronectes halli*

Muriwai B, 1 live juvenile in late June (AJT). Astrolabe Reef, 1 on 30/5 and 23/6 (KWLB).

SOUTHERN GIANT PETREL *M. giganteus*

Muriwai B, 1 live juvenile in late June; Cook Strait, 1 dark phase with green bill tip, on 3/8 (AJT).

CAPE PIGEON *Daption capense*

Great Barrier I, 1 seen during crossing on 26/7 (RJL). Mercury I, 1 offshore on 4/8 (JED, TGL, AJT).

GREY-FACED PETREL *Pterodroma macroptera*

Mt Maunganui, 4 seen, many others heard on 8/8; 1 on ship at wharf on 4/7 (PCML). Ohope, 1 alive on beach, released off Whale I on 22/1 (WMH).

**COOK'S PETREL** *P. cookii*

Kamo, 1 found alive and released after feeding on 24/3 (RP). Little Barrier I, few calling about summit on 11-13/5 (MJI, AJT).

**ANTARCTIC PRION** *P. desolata*

Mitimiti, 1 live bird ashore on 2/8/86 (GW).

**BLACK PETREL** *Procellaria parkinsoni*

Foxton B, 1 passing on 22/8; 10 on 27/12 (JLM,MM).

**WHITE-CHINNED PETREL** *P. aequinoctialis*

East Clive, HB, 1 dead on beach on 14/11 (KVT).

**FLESH-FOOTED SHEARWATER** *Puffinus carneipes*

Waipu E, many offshore feeding with terns on 14-15/1/87 (PB).

**BULLER'S SHEARWATER** *P. bulleri*

Waipu E, few offshore 12-17/1/87 (PB). Little Barrier I, 1000s offshore on 16/5 (PS, GAT, AJT).

**SOOTY SHEARWATER** *P. griseus*

Foxton B, 20 passing on 4/7, 1 on 27/12 (JLM, MM).

**FLUTTERING SHEARWATER** *P. gavia*

Waimangu, c.1000 close inshore on 29/12/86 (GW). Waipu E, many feeding with terns offshore on 12/1/87 (PB). Waharau, large numbers close inshore on 2-5/4 (JVD). Coromandel Pen, Waikawau Bay, 1000 + c.30 m offshore on 12/4; Te Kouma Bay, 1000 + close inshore on 21/6 (AVP, JVP). Rangitaiki R mouth, 200-300 offshore on 14/5 (CJ). Foxton B, recorded in July, Aug, Feb, June; max 1000 on 6/2; Wellington H, present July-Oct, Mar-June; max c.300 at Pt Nicholas on 25/9 (JLM,MM).

**LITTLE SHEARWATER** *P. assimilis*

Maungakarama, 1 found on farm and released on 23/11/87 (RP).

**AUSTRALASIAN GANNET** *Sula bassana serratator*

Muriwai, c. 450 nests (including 250 on stack, 115 on upper cliff, 72 on lower cliff) on 6/2 (MJT); Oaia I, 98 chicks remaining on 6/3 (GT). Great Barrier I, nesting colony of 1000 + birds on rocky islands north of Whangaparapara on 10/12 (SC, GS). Weymouth, unusually high numbers feeding 20/8 - 8/9; max 49 on 1/9 (BJB); 28 replete on water on 26/4 (AJG). Waitangi E, HB, 5 on 14/11; Tukituki E, 3 on 14/11 (JRP, MTC); Kairakau, c.16 flying past on 10/10 (KVT); Pourere-Aramoana, flocks of up to 20 flying north in lines; total of c.200 on 31/1 (ARG, ALH). Porangahau E, 1 on 21/11 (KVT). Foxton B, 3 on 22/8; recorded most months (JLM, MM). Wellington H, ones or twos recorded Aug-Nov and June (JLM, MM).

**BROWN BOODY** *S. leucogaster*

Weymouth, 1 immature dead ashore on 15/5 (BB).

**BLACK SHAG** *Phalacrocorax carbo*

L Omapere, 180 fishing in groups on 27/9/86; 300 on 18/10/86 (GW). Manukau H census, summer 10, winter 23 (AJG, MJT). FoT census, summer 32, winter 115 (AJG). Miranda, 130 in trees on 5/5 (TGL, PS, RBS, AJT). Raglan, Kotuku Creek, colony in karaka trees, 56 + including juvs, on 10/9 (JMR, ASR). L Rotoroa, Hamilton, 8 on 19/9, 30 on 30/2, 6 on 23/4; Kawhia, 10 on 21/11; L Ngaroto, 100 in tree roost put up by passing plane (ASR).

Kaituna Cut, 10 nesting in pines among Pied Shags on 18/10; Maketu E, 5 on 17/11, 4 on 5/6; Little Waihi, 15 on 17/11; Matata, 3 on 8/11, 7 on 14/5; Thornton Lag, 3 on 5/7 and 20/9; Rangitaiki R mouth, 2 on 19/6 (PCML). Ahuriri E, 9 on 11/7, 28 on 14/11; Tukituki E, 4 on 11/7, 27 on 14/11; Waitangi, 27 on 14/11; Porangahau E, 30 on 11/7; L Poukawa, 12 in July (KVT). Pourere-Aramoana, 2 on 31/1 (ARG, ALH). Wanganui, L Westmere, 5 on 26/1; Camp Lake, 8 on 26/1; Wanganui R, 17 on 28/1 (PB). Palmerston North, Centennial Lag, 2 on 7/5 (RG). Manawatu E, 3 on 27/10 (RG), 15 on 29/3 (RAC, SEC, RPS), 41 on 15/5 (JLM, MM). L Horowhenua, 9 on 15/5 (AC, WRJ). Whirokino, c.20 nests with large chicks on 24/10 (JLM, MM).

**PIED SHAG *P. varius***

Te Weraki Lag, 1 on 14/2 (BS). Mangonui, 1 on 22/11; Whangaruru South, 1 on 2/5 (MH). Noises I, nesting colony of 41 adults with chicks, on 20/8 (SD). Hobson Bay, colony of 22 pairs, on 13/12 (MJT). Kawau I, Dispute Cove, colony of c.40 adults on 16/3 (AF). Goat I, colony of c.25 birds on 16/3; Ti Point, colony of c.35 birds on 16/3 (MJT). Manukau H census, summer 105, winter 218 (AJG, MJT). Waikato R mouth, 107 on 13/3 (AJG). Wairoa R, Clevedon, 22 on 1/1 (TH). FoT census, summer 4, winter 43 (AJG). Kawhia H, 1 on 21/11 (ASR). Matakana I, Panepane Pt, 5 on beach on 22/11; Sulphur Pt, 10 roosting on breakwater on 18/6; Kaituna Cut, 50+ in pines, including many imms Oct-Mar; mating observed on 22/10, nesting material being carried on 20/3 (PCML); c.70 birds on 5/6 (GH). Maketu E, 8 on 5/6; Little Waihi, max 9 on 7/11; Otamarakau, 2 on 8/11, 14 on 19/6; Tarawera R mouth, 10 on 8/11, 5 on 14/5; Rangitaiki R mouth, 9 on 8/11, 3 on 19/6; Ohope Spit, 3 on 13/3 (PCML). Waitohi E, 24 on 8/11 (WS), 4 on 24/5 (BS); Waiaua E, 25 on 8/11 (WS). Petone, 1 resting with Black and Little Shags on 5/9 (JLM, MM).

**LITTLE BLACK SHAG *P. sulcirostris***

Whangarei H, Kissing Pt, 30 on 13/7, 69 on 2/4 (RP). Waikato R delta, 120 fishing as pack on 23/8 (BB). Manukau H census, summer 1, winter 192 (AJG, MJT). FoT census, summer 4, winter 3 (AJG). L Waahi, 6 on 1/5 (BJZ *et al.*); L Rotorua, Hamilton, 2 on 19/9 (ASR); L Ngaroto, 1 on 31/7 (ASR, JMR). L Rotomahana, c.100 nesting on island on 25/1 (KO). Plummers Pt, Tauranga H, 1 on 8/9 (BRK). Sulphur Pt, 32 on breakwater on 18/6; Maungatapu, c.100 roosting on power pylon on 4/6; Hairini, c.50 on sandbank on 13/5; Kaituna Cut, 2 on 18/10; Maketu E, 20 on 5/6; Little Waihi, 7 on 7/11, 1 on 5/6; Matata, 3 on 5/7, 13 on 14/5; Tarawera R mouth, 6 on 6/9, 1 on 19/6; Rangitaiki R mouth, 3 on 5/7 and 14/5, 1 on 19/6 (PCML). Ahuriri E, 19 on 11/7, 58 on 14/11, 85 on 9/4; Waitangi E, 5 on 11/7, 13 on 14/11; Porangahau E, 23 on 21/11 (KVT). Manawatu E, 24 on 27/9 (JLM, MM), 17 on 29/3 (RAC, SEC, RPS, LJD); Foxton Loop, 16 on 28/12, 10 on 17/1 (JLM, MM). Turakina E, 2 on 27/3 (PB, OT). Palmerston North Centennial Lag, 2 in May (RG). Pauatahanui Lag, 22 on 25/4; Wellington H, Petone to Ngauranga, max 35 on 25/8 (JLM, MM).

**LITTLE SHAG *P. melanoleucos brevirostris***

Hobson Bay, nesting colony of 21 pairs on 13/12 (MJT). Manukau H census, summer 7, winter 25 (AJG, MJT). Duder's, Clevedon, 19 on 16/6;

FoT census, summer 2, winter 57 (AJG). L Rotoroa, Hamilton, 4 on 19/9, 13 on 20/2, 7 on 23/4; Aotea H, 1 on 21/11; Kawhia H, 1 on 21/11 (ASR). Sulphur Pt, Tauranga H, 20 on breakwater on 18/6; Maungatapu, c.10 on power pylon on 4/6; Kaituna Cut/Maketu E, max 20 on 1/11; Little Waihi, 30 on 7/11; Matata, 5 on 14/5; Tarawera R mouth, 12 on 14/5; Rangitaiki R/Thornton Lag, 5 on 20/9, 4 on 14/5 (PCML). Ahuriri E, 28 on 11/7, 30 on 14/11; East Clive, 14 on 11/7, 9 on 14/11; Porangahau E, 14 on 11/7 (KVT). Manawatu E, 1 on 22/11, 1 on 21/2 (RAC, SEC *et al.*); Foxton No. 1 L, 10 on 13/3 (JLM, MM). Palmerston North, Centennial Lag, max 18 on 7/5 (RG). L Horowhenua, 7 on 15/5 (AC, WRJ). Wellington H, Petone to Ngauranga, max 14 on 14/7 (JLM, MM).

**SPOTTED SHAG** *Stictocorbo punctatus*

Oaio I, 1 juv in nest on 6/3 (GT). Ponui I, 56 at Oranga Bay on 3/1 (TRH). FoT, Tarata Pt, 60-70 fishing on 11/11 (JU), 145 on 5/6 (PA, DA). East Clive, on sewer outfall, 24 on 2/7, 37 on 11/7 (KVT). 1 adult, 1 juv on 7/5; 2 juvs on 4/6 (JRP, MTC). Wellington H, Petone to Ngauranga, 1 July-Oct (JLM, MM).

**FRIGATE BIRD** sp.

Miranda, 1 reported flying over shellbank on c. 3/3 (MJT). Kaiaua, 1 found dead by resident on c. 1/4 (GA).

**WHITE-FACED HERON** *Ardea novaehollandiae*

Paua, Parengarenga H, 20 on 11/2 (BS). Awhitu Pen, Gordon's Rd, partial albino present on 19/6 (JVD). Manukau H, census, summer 197, winter 259 (AJG, MJT). FoT census, summer 150, winter 24 (AJG). Coromandel H, 83 on 29/11 (AVP, JVP). Moana Pt, Whangamata, 47 on 27/7/86 (HMS). Kawhia H, 28 on 21/11, 27 on 18/6 (ASR). Matahui Pt, Tauranga H, 10 on 22/11 (PCML), 60 on 19/5 (BS). Kaituna Cut/Maketu E, c.40 on 18/10, 68 on 5/6; Little Waihi, c.50 on 1/11; Papamoa, c.40 in field on 4/6 (PCML). Ohiwa H, 30 on 16/11 (WMH). Ahuriri E, 29 on 11/7, 54 on 14/11; East Clive, 6 on 11/7, 2 on 23/8; one with bright orange/red legs, other pale orange/pink; Meeanee, 15 in paddock on 30/6 (KVT); Taradale, 3 pairs carrying nest material into trees on golf course in spring (MTC). Porangahau E, 2 on 11/7, 4 on 21/11 (KVT). Pourere-Aramoana, 30+ on 31/1 (ARG, ALH). Whirokino, 23 on 2/8 (JLM, MM). L Horowhenua, 63 on 14/5 (WRJ, AC).

**WHITE HERON** *Egretta alba*

Waipu E, 1 on 12-16/1/87 (PB). Jordan's Farm, Kaipara H, 1 on 7/11 (SD), 2 on 21/4 (BG), 1 on 17/5 (GA). Mangere Bridge, 1 on 19/7 (GA); East Tamaki E, 1 on 22/2 (GR). Waikato R, Klondyke Rd, 2 on 26/7 (AJG *et al.*). Miranda, 1 on 13/7 and 28/9 (BRK); FoT census, summer 1; Kauaeranga R, 1 on 6/12 (AJG). Matata, 1 on 6/9 and 24/4; 2 on 14/5 (PCML, AMcC). Waiaua E, 1 on 30/4 (WS). Ahuriri E, 1 on 11/7 (KVT). Meeanee, 1 with White-faced Herons in May (JRP); possibly same bird present at Anderson Park, Napier, throughout June; Tukituki E, 1 on 11/7 (KVT), seen bathing and almost submerged in chest-high water on 2/8, still present on 19/9 (MT, PWT); East Clive, 1 with breeding plumes on 27/9 (KVT). Manawatu E, 1 on 18/7 (JLM, MM), 1 on 28/6 (RG, GG, LJD). Ohau E, 1 on 22/6; Otaki Golf course, 2 on 1/5 (WRJ).

LITTLE EGRET *E. garzetta*

Mangere SP, 1 on 8/5 (DGB) and 1/6 (GJHM). Waikato R, 1, possibly imm, remained between Klondyke Rd and Port Waikato from 5/7 to 1/3 (BB, PA, DA).

REEF HERON *E. sacra*

Far North/Northland region, 15 reports, mostly of single birds, but including 4 at Karikari on 1/8 (RP) and 2 at Waipu E, on 12/1 (PB). Omaha Spit, 1 on 24/11 (MJT). Waiheke I, Te Matuki Bay, 1 on 22/11 (BS). Motutapu I, Administration Bay, 1 on 23/8 (SB). Great Barrier I, 2 single birds on 16/2 (SG). Ponui I, 2 single birds on 3/1 (TRH). Whangaparaoa Pen, 1 on 6/2 (SC). Wade R, 1 on 25/3 (SG), 2 on 20/1 (SCh). Kohimarama B, 1 on 12/11 (RGam); Tahuna Torea, 1 on 12/12 (RJL); Judge's Bay, 1 on 28/9 (MJT); Bucklands B, 2 on 11/1 (SB); Howick, Mellon's Bay, 1 on 5/4 (BE). Mangere SP, 1 on 3/1 (RJL). Whitianga H, 1 on 20/2 (SC). Awhitu Pen, Graham's B, 1 on 27/2 (BB). Clevedon, Duder's B, 1 on 10/4 (TH) and chasing a White-faced Heron on 16/5 (JLP). Tawhitokino, 1 on 1/4 (AJG). Waharau, 1 on 10/11 (JVD). Whakatiwai, 1 in Jan (AJG). Raglan, 2 on 12/4 (SC); Aotea H, 2 on 21/3 (PMB), 2 on 18/6 (ASR); Kawhia H, 1 on 18/6 (MAB). Tauranga H, Sulphur Pt, 1 on 22/11 (RC); Mt Maunganui, 1 on 14/6 (CJ); Kaituna Cut, 3 on 22/10 (GB); Maketu E, 1 on 1/11 and 7/11; Little Waihi, 1 on 20/3 and 6/6 (PCML). Whakatane Heads, 2 on 11/12 (RMW); Ohiwa, 1 on 16/11 (WMH). Waiotahi E, 1 on 24/5 (BS) and 23/6; Waiaua E, 1 on 8/11 (WS). Ahuriri E, 1 on 11/7, 1 undisturbed by fishing net being set in nearby channel on 30/1; Kairakau, 2 almost invisible against rocks as they fed, on 10/10 (KVT). Pukerua Bay, 1 on 9/4 (AJT); Wellington H, Pt Nicholas, 2 on 31/8, 1 present throughout year (JLM, MM).

CATTLE EGRET *Bubulcus ibis*

Awanui, 114 (75% in breeding plumage) with 60 Red-billed Gulls among cattle on 1/10 (PA). Parakai, 120 on 22/8 (CE). Orewa SP, 20 on 22/8 (JED). Mangere SP, 14 on 22/8 (MJT, KH), 13, mostly in breeding plumage on 26/9 (MJT), 6 on 5/11 (GA, RBS). Whatipu B, 1 flew south after resting on 16/4 (MG, SG). Otaua, Waikato R delta, 57 on 5/7, 56 on 23/8, 50 on 27/9 with 20% showing some colour; 54 on 12/6 (BB, JVD, *et al.*). Piako, 63 on 16/8, 85 on 7/9, 60 on 30/10, 28 on 28/5, 47 on 6/6 (LG, KWL B, BS, CS). Whangamata, 2 on 14/8 (HMS). Ohinewai, c.200 on 7/6 increasing to max of 474 on 23/8 (FN), 3 still present on 30/11 (BHS). Rototuna, 10 on 16/7, 14 on 19/9 (BRK). Ruakura, 1 on 20/4 (FN). Ohaupo, 13 on 11/11, 1 on 18/11 and 2/12; L. Ngaroto, 29 on 10/5, 33 on 13/6 (RWD). Te Anga, 5 on 11/5 (JWR). Maketu, 24 on 18/10 and 26/10, 2 on 1/11 (PCML), 16 on 5/6, 23 on 18/6 (KWL B, PCML, NS); Awaitei/Matata, 49 on 5/7 and 6/9 (PCML), 34 on 4/6 (WMH). Kukumoa, Oporiki, 31 on 10/7, 2 on 28/4 increasing to 10 by 23/6 (WS). Meeanee, 1 reported early June, 2 on 30/6 with 15 White-faced Herons; Te Hauke, 17 mostly in breeding plumage, on 4/10 (KVT). Whirokino, 350 on power pylons on 4/7 (WRJ, MO, MO), 230 on 5/7, 17 on 25/6 (JLM, MM). Waitotara, 23 on 27/8; Whangaehu, 18 on 30/8 (GR), 13 on 25/6 (PB). Woodville, 22 on 1/9 (WRJ). Longburn, 13 on 24/8 (REC, RW).

**AUSTRALASIAN BITTERN** *Botaurus poiciloptilus*

Far North Region, 11 records of 1-3 birds from North Cape to Kaikohe (RP). Ngawha Springs, 2 on 3/11 (PA). Waipu Cove, 1 on 12/1/87 (PB). Straka's Refuge, 1 in raupo on 29/11 (VL). L. Kereta, 2 on 15/11 (DF). Whatipu, 1 on 7/7 (JES). Clevedon, 1 roadside report; 1 at Urungahau Stream on 16/3 (AJG). Waikato R, Sandmine Lookout, 1 at water's edge drew reeds towards it with foot to make a platform to stand on, on 23/8 (AJG *et al.*). L. Waipoua, booming on 3/9 (IR). L. Waahi, 2 on 1/5 (BJZ *et al.*); Taupiri, 1 on 28/4 and 1/5 (ASR, JMR); L. Ngaroto, 1 on 28/10 (GB), 2 on 18/5 (RWD); Kawhia H, near Oparau, 1 on 18/5 (BHS). Kaituna Cut, 1 flew from reed-bed carrying 400 mm eel on 20/3; Pongakawa, 1 flew across main road on 22/1 (PCML). L. Taumarenuui, Kawerau, 1 dive-bombed by Harrier, jumped twice high into air and drove Harrier off, on 4/6; L. Rotoma, 2 on 12/7 (RMW). Tarawera R Mouth, 1 on 18/11 (PCML), 2 on 24/5 (BS); Thornton Lag, 1 on 5/7, 20/9 (PCML), 5 on 31/7 (WMH), 10 all in air at once on 10/5 (RMW). Hurimoana Swamp, H.B., 1 near road on 16/8; East Clive, 3 flushed from swamp together on 23/8 (KVT). L. Taupo, 12+ on east side on 27/8 (AD, GL, AJT). Foxton No. 1 L, 1 on 24/4 (JML, MM).

**GLOSSY IBIS** *Plegadis falcinellus*

Miranda, 6 flew inland on 10/11 (BHS). Ohinewai, 7 on 27/11, 1 associating with Cattle Egrets on 7/6 (FN *et al.*). Manawatu E, 1 on 5/7 (JML, MM). L. Wairarapa, 2 on 29/5 (BDH, HAR, AJT).

**ROYAL SPOONBILL** *Platalea regia*

Jordan's Farm, Kaipara H, 2 on 1/5 (JED), 3 on 17/5 (GA). Mangere SP, 13 on 12/9 (R JL), 6 on 5/11 (MJT), 1 on 20/12 (R JL), 16 on 4/5 (CB); Ambury Farm Park, Mangere, 21 on 31/7 (DGB). Coromandel, 1 feeding near wharf on 16/3 (MT). Kaituna Cut, 2 on 22/8 in pine tree with nesting Pied Shags, appeared to be 'playing' at nesting; in breeding dress on 27/9, still present on 26/10; gone on 7/11 (GB). 1 adult on 4/4 (PCML), still present on 18/6 (KWL B). Matata, 2 on 20/9, probably Kaituna birds (BC). Ahuriri E, 16 (included at least 7 adults, 7 imms) on 11/7 (PWT); 12 on 2/4, 22 on 12/6 (included at least 12 adults, 7 imms) (MT, PWT); evening roost established in nearby trees (ALH, ACS); Tukituki E, 1 on 14/11 and 5/3 (BMT). Porangahau E, 2 on 11/7 (KVT). Wanganui R, 2 on 6/3, 3 on 3/4, 4 on 9/4, 6 on 7/5, 1 on 28/6 (OT, PB). Manawatu R, Longburn, 1 on 30/10 (MT). Manawatu E, 31 on 4/7, 34 on 26/3 (JLM, MM), 37 on 29/3 (REC, RG, RS, PS, LJD). Waikanae E, 1 on 28/11 (BAT), 6 on 3/4 (MAF, JL, AJT).

**MUTE SWAN** *Cygnus olor*

L. Poukawa, HB, 7 on 30/6 (KVT).

**BLACK SWAN** *C. atratus*

Te Werahi Lag, Te Pahi, 8 on 14/2 (BS). Tuakau SP, 150 on 12/7 (JVD), 110 on 29/5 (AJG *et al.*). Matarangi Spit, 136 on 27/5 (AVP, JVP). L. Rotorua, Hamilton, 40 on 20/2, 50 on 23/4 (ASR). Matahui Pt, c.370 on 22/11; Kaituna Cut/Maketu E, 20 on 7/11, 45 on 5/6 (PCML); Matata, c.50 (including 2 broods of c.10 day cygnets) on 20/9 (BC), c.80 on 8/11; Thornton Lag, 2 pairs on 20/9 (PCML). Ahuriri E, 170 on 11/7, 57 on 21/11;

East Clive, 6 out at sea on 5/5; Hurimoana Swamp, 66 on 16/8; L Poukawa, c.300 in July, 600+ (total of 2 flocks 11 km apart) on 21/8; Porangahau E, 55 on 11/7, 30 on 21/11 (KVT). Wanganui, Kaitoke L, 102 on 16/1; Turakina E, 4 on 27/3 (PB, OT). Palmerston North, Centennial Lag, 1 during May (RG). Manawatu E, 5 on 31/12, 6 on 5/6; Foxton No. 1 Lake, c.710 on 9/4; No. 2, 2 on 7/2; Whirokino, 140 on 22/8, 128 on 25/6 (JLM, MM). L Horowhenua, 320 on 15/5 (AC, WRJ). Wellington H, Petone to Ngauranga, 5 on 21/8, 1 on 31/5 (JLM, MM).

#### CANADA GOOSE *Branta canadensis*

Tuakau SP, 7 on 12/7, 4 on 29/5 (AJG *et al.*). Clevedon, Urungahauhau, 4 reported on dam 20/9 - 10/8 (PF). L Hakanoa, 40 on 1/5 (ASR). L Waahi, 120 on 23/3 (BHS), 430 on 1/5 (BJZ *et al.*). L Rotorua, Hamilton, 2 on 20/2 and 23/4; increasing in Waikato region (ASR). L Rerewhakaaitu, 4 adults and 15 goslings on 25/1 (KO). Pahoia, Tauranga H, c.500 in May; Kaituna Cut/Makeru E, max 63 on 4/4 (including 5 with orange neckbands, 1 with red); Little Waihi, max 74 on 5/6; Matata, 34 on 24/1 (PCML). Hicks Bay Lag, 1 on 10/11 (KO). Longridge L, HB, 32 on 25/1 (BDH). Foxton No. 1 Lake, 1 on 7/11, 9 on 1/1; Waikanae E, 2 or 3 recorded 9 times Oct-May (AJT, BAT). Petone, Hutt R. railbridge, 5 from July-Nov. Feb-May (JLM, MM).

#### PARADISE SHELDUCK *Tadorna variegata*

Te Werahi Lag, Te Pahi, 11 on 14/2 (BS). Mimiwhangata, 32 on 11/11/86 (AG), 12 on 2/5 (MH). Whananaki South, 40 on 8/6/86; Oakleigh, 20 on 14/7/86 (BW). Waipu E, 9 on 15/1/87 (PB). Wentworth Valley, 66 in one paddock on 1/3/87 (HMS). Waikorea R, 47 on 3/8, 5 on 28/8 (ASR). L Waahi, 2 pairs on 23/3, 140 on 1/5 (BJZ *et al.*); increasingly common & widespread in Waikato region. Little Waihi, 3 on 1/11; Matata, 15 on 6/9, 13 on 14/5; Awaitei wetlands, 10 on 5/7 (PCML). Ahuriri E, 128 on 11/7, 24 on 14/11 (KVT), 300+ in single flock on 3/4 (MT, PWT); Hurimoana Swamp, 20 on 16/8; L. Poukawa, c.12 in July; Pukehou, 350+ in wet fields on 21/8 (KVT). Foxton, Moutoa floodway, 57 on 9/4; Foxton No. 1 L, 12 on 7/2, 50 on 24/4; Whirokino, 3 on 12/9, 54 on 25/6 (JLM, MM). L Horowhenua, 2 on 15/5 (AC, WRJ). Pauatahanui Lag, up to 4 July/Aug, 4 on 10/4; Hutt R, Silverstream bridge, pair with 5 young on 11/11 (JLM, MM).

#### MALLARD *Anas platyrhynchos*

Clevedon, albino drake shot, slight cream tinge to breast, on 25/5 (PF). Taruru, Thames, 500 "Grallard" hybrids on 4/2 (MJT). Kaituna Cut, 20 with 12 ducklings on 1/11, c.60 on 20/3; Otamarakau, c.50 rafting offshore on 19/6; Matata, c.2000 on 14/5; Awaitei Wetlands, c.100 on 5/7; Thornton Lag, 20 on 20/9 (PCML). Ahuriri E, 490 on 11/7, 389 on 14/11; Waitangi E, 278 on 11/7, 99 on 14/11; Tukituki E, 22 on 11/7, 7 on 14/11; Porangahau E, 100 on 11/7 (KVT). Wanganui, 30 on 26/1 (PB). Manawatu E, 220 on 22/11 (RAC, SEC, *et al.*), 329 on 17/4 (RG, GG), 200 on 14/5 and 25/6; Foxton No. 1 L, 200 on 7/2 (JLM, MM). L Horowhenua, 450 on 15/5 (AC, WRJ).

#### GREY DUCK *A. superciliosa*

Aurere E, 2 on 22/11 (MH). Tuakau SP, 2 on 29/5 (AJG *et al.*). Matata, c.10 on 14/5 (PCML). Ahuriri E, 2 on 11/7 (KVT). L Westmere, 8 on 27/1 (PB). Manawatu E, 8 on 22/7, and 22/8; Foxton No. 1 L, 1 on 7/2 and 24/4; Foxton No. 2 L, 3 on 7/2 (JLM, MM). L Horowhenua, 200 on 15/5 (AC, WRJ).



**GREY TEAL *A. gibberifrons***

Jack's L, Pakaraka, 40 on 7/2/87 (GW). Mangere SP, 140 feeding on surface on 10/1 (BHS), 280 on 21/4 (TGL, RBS). Tuakau SP, 158 on 12/7 (JVD), 70 on 29/5 (AJG *et al.*). Miranda, 98 on 21/4 (AJG). L Waahi, 20 on 1/5 (ASR *et al.*). Taupiri, Komakorau Stream, 2 on 28/9, 3 adults with 1 duckling on 5/10 (BRK). Gordonton, 3 on 7/5 (DJR). Plummer's Pt, Tauranga H, 2 with roosting godwits on 8/9 (BRK); Kaituna Cut, 80 on 20/3, 60 on 4/4, 20 on 5/6 (PCML). Ahuriri E, 117 on 11/7, 54 on 14/11 (KVT), c.200 on 26/3 (PWT). Westshore Lag, c.350 on first day of shooting, 7/5; Waimarama Rd Swamp, 21 on 21/3, 1 taking shallow dives like shag; L Roto-o-kiwa, c.100 on 4/10; Porangahau E, 7 in July (KVT); Longridge L, 24 on 25/1 (BDH). L Westmere, 8 on 26/1 (PB). Manawatu E, max 95 on 25/6; Foxton No. 1 L, 30 on 13/3, 5 on 24/4 (JLM, MM). Waikanae E, 13 on 3/4 (AJT). Pauatahanui Lag, max 7 on 26/6 (JLM, MM).

**BROWN TEAL *A. Chlorotis***

A detailed survey of coastal strip between Bay of Islands and Tutukaka 16-23 Feb 1988 is recorded here in full because of the localised distribution of this species. All observations are by RP, except for one by PA. Perekura Bay, 3 groups of 3, 87, 16; Clendon Cove, 59 including 6 ducklings; Manawaroa, Gordon's Dam, 32; Ngaiotonga Pond, 12; Tutaematai Stream, c.100; Punaruku Stream, 6; Mimiwhangata, 43; Teal Bay, 32; Ngahau Bay, 10; Whananaki, 4 groups of 19, 2, 15, 82; Matapouri E, 3; Kowharewa B, Tutukaka, 3.

**NEW ZEALAND SHOVELER *A. rhynchotis***

Tuakau SP, 67 on 12/7 (JVD), 57 on 29/5; Waikato R, Sandmine Lookout, 60 on 12/6; Clevedon, Duder's 16 on 16/6 (AJG). Miranda, 11 pairs on 16/8, 110 on 5/6 (PA, DA, JLP). L Waahi, 20 on 1/5 (BJZ *et al.*). Taupiri, Komakorau Stream, 3 on 28/9 (BRK). Kaituna Cut, 8 on 18/10, 12 on 1/11; Matata, c.200 on 14/5; Thornton Lag, 2 pairs on 20/9 (PCML). Ahuriri E, 626 on 11/7, 18 on 14/11; Westshore Lag, 100 + with a further 150 + on nearby Southern Marsh on 7/5; Waitangi, 21 on 14/11; Hurimoana Swamp, 2 on 16/8 (KVT). Waimarama Rd Swamp, 1 pair with 11 ducklings on 26/9 (JMcC). Porangahau E, 4 on 11/7, 11 on 14/11 (KVT). L Kaitoke, Wanganui, 28 on 30/1 (GR, OT). Manawatu E, 10 on 18/7, 35 on 14/5; Foxton No. 1 L, 75 on 7/2, 200 on 13/3, 100 on 24/4; Foxton Loop, 2 on 24/10 (JLM, MM). L Horowhenua, 6 on 15/5 (AC, WRJ). Waikanae E, 143 on 4/4 (AJT).

**BLUE DUCK *Hymenolaimus malacorhynchus***

Mangorewa Gorge, BoP, 1 pair on 25/2 (PCML). Waioeka Gorge, 2.8 km above Manganuku R, 1 pair on 24/5 (BS). Whirinaki SF, 2 on Whirinaki R on 26/9 (BMT). Ongarue R, near Pureora, 1 pair on 29/9 (Sch).

**NEW ZEALAND SCAUP *Aythya novaeseelandiae***

Jack's L, Pakaraka, 2 on 29/8/86 (GW). Tuakau SP, 1 on 29/5 (AJG *et al.*). L Rotorua, Hamilton, 1 feeding with Coot on 13/9 (MJD). Taharoa, 12 on 11/7 (ARP, ND). Matata, 143 max for year on 5/7 (PCML). HB region, always present on Ls Tutira, Horseshoe, Roto-o-kiwa and on Hurimoana Swamp (KVT). L Kaitoke, Wanganui, 1 adult with 6 ducklings on 16/1, 28 with 6 ducklings on 30/1 (GR, OT).

**AUSTRALASIAN HARRIER** *Circus approximans*

Waipu E, 1 'bombed' by nesting oystercatchers and Black-backed Gulls on 13/1/87 (PB). Miranda, after flushing roosting waders, bird 'stooped' from 150 feet to 6 feet from ground but caught nothing, on 18/6 (BHS). Tarawera R bridge on Highway 2, very pale male on 22/1, thought to be same bird first reported in April 84; Awaitei Wetlands, 6 in air at once on 20/9 (PCML). Ahuriri E, 13 on 11/7, 4 on 14/11; pair seen passing food in mid-air; East Clive, 2 on 11/7, 4 on 14/11; L Poukawa, 6 in July (KVT).

**NEW ZEALAND FALCON** *Falco novaeseelandiae*

Cossey's Dam, Hunua, 1 reported at east end, early Dec (AJG). Mt Pirongia, 1 on 30/8 (JMR, ASR); Oparau, 1 on 28/6 (BHS); Waitomo, 1 on 18/7 (ASR *et al.*); Pureora SF, 1 spiralling high on 9/12 (Sch); Upper Tawarau Gorge, 1 calling on 19/3 (ASR). Craig's Walk, north HB, 1 on 26/10 (KVT). Napier, Bluff Hill, 1 present between 2/4 and 16/5 (DA). Pakipaki, 1 on fence post on 1/7 (JMcC). Te Awanga, 1 seen close to village, calling, on 6/1 (BMT). Taihape, 1 on 4/7 (GR). Wanganui, 1 on 21/5 (DJ). Levin, 1 chasing Silvereyes on 2/1 (MO, MO).

**NANKEEN KESTREL** *F. cenchroides*

Te Mata Peak, Havelock North, 1 on 3/7, 1 circling and spiralling slowly on 25/2 (BMT).

**RED-LEGGED PARTRIDGE** *Alectoris rufa*

Pollok, Awhitu Pen, pairs on territory answering taped calls on 13/11 (F. Thompson *per* AJG). Horotiu, 2 in mid-Jan; Tamahere, 1 in mid-Jan (PCDC).

**CHUKOR** *A. chukar*

Kahuranaki, HB, 1 at summit around Telecom buildings on 13/4 (BMT).

**BROWN QUAIL** *Synoicus ypsilophorus*

Rangiahua, 5-6 beside Highway 1 on 21/5 (TT). Tiritiri Matangi I, widespread and numerous on 25/3 (SB). Taupaki, pair beside road on 11/10 (MG, SG). Otamarakau, a male heard calling on 20/9, Kaituna Cut, covey of 5 on 4/4 (PCML). Pongakawa, near L Rotoiti, 4 on road on 8/12 (Sch). Harakeke Forest, north side Whangaeu E, 2 on 16/5 (GR).

**CALIFORNIA QUAIL** *Lophortyx californica*

Mt Maunganui, 4 on 10/7; Maketu, 2 males, 1 female on 26/10; Little Waihi, 1 male on 7/11; Ohiwa H, 1 pair on 19/1; Potaka, Cape Runaway, 1 pair on 21/1 (PCML). Taradale, covey of 13 on golf course seen several days in April (MTC). Clifton Station, HB, covey of 10 on 26/5 (KVT). Foxton B, heard on 24/10 and 25/4 (JLM, MM).

**PHEASANT** *Phasianus colchicus*

Papamoa, plentiful in coastal dunes (PCML).

**BANDED RAIL** *Rallus philippensis*

Ngawha, 1 on 3/11 (PA). Wenderholm Regional Park, 5 feeding in mangroves (Sch). Clevedon, still breeding at Cruising Club on Wairoa R, 1 with 6 tiny chicks on 16/11, pair with 2 half-grown chicks on 20/3 (PA, TH). Opoutere, pair with 4 chicks by car park on 11/2 (AVP, JVP). Hauraki Plain, reported between Mangateparu and Tahuna on 8/4 (*per* DJR).

Maketu, seen throughout year feeding in open (PCML). Te Maunga, regularly feed in open (KS, NS). Matata, 1 feeding in open at midday on 5/7 (PCML), 1 on 4/9 (SCh); Waitohi, 1 on 20/7; Ohiwa H, Burma Rd, 1 on 21/2 (WMH).

**WEKA** *Gallirallus australis*

Tiritiri Matangi I, single bird introduced from Kawau I on 15/11 (SB).

**MARSH CRAKE** *Porzana pusilla*

Westshore, Napier, 1 with a Spotless Crake at edge of pool on 12/11 (BHS).

**SPOTLESS CRAKE** *P. tabuensis*

Tiritiri Matangi I, present in at least 3 localities on 25/3 (SB). Moumoukai Dam, Hunuas, present in stream below outlet on 11/10 (AJG). Ardmore, Quarry Rd, 3 at reservoir on 17/11 (JLP). Meremere, Island Block Rd, 2 responding to tapes on 1/3; Meremere Cableway, responding at several sites on 18/4 (FN). L. Waahi, 1 heard on 1/5 (BJZ *et al.*); Taupiri, Komakorau Stream, 2 seen and others heard on 5/10 (BRK); L. Ngaroto, 1 heard on 30/5 (ARP). Westshore, Napier, 1 with a Marsh Crake at edge of pool on 12/11 (BHS). L. Taupo, 2 on east side on 27/8 (AD, GL, AJT).

**PUKEKO** *Porphyrio melanotus*

Glen Massey, 2 chicks in nest of 5 eggs hatched on 16/9 (PMB). L. Rotorua, Hamilton, 8 on 20/2, 11 on 23/4 (ASR); Chartwell, Hamilton, frequently heard at night over built-up area, moving between damp gullies (BRK). Te Maunga, pair with c.10 day-old chicks on 18/5 (AMcC). Ahuriri E, 18 on 11/7, 12 on 14/11, East Clive, 8 on 14/11; L. Poukawa, c.80 in July (KVT). L. Horowhenua, 13 on 15/5 (AC, WRJ).

**AUSTRALIAN COOT** *Fulica atra australis*

L. Puke, 1 on 30/3 (FT). Western Springs, 25 adults and 4 juvs on 14/2 (KH), 50 on 29/5 (VL). L. Rotorua, Hamilton, 81 and 1 chick on 20/2, 179 and 1 chick on 23/4 (ASR). L. Aniwhenua, 50-100 on 25/1 (KO). L. Tutira, carries greatest population in HB (KVT). Waitotara, 4 on 17/5; Westmere L, 13 on 26/1, 18 on 17/5 (GR). Centennial Lag, Palmerston North, 18 on 16/8; Hokowhitu Lag, 10 on 7/5, 15 on 14/5, 17 on 29/5 (RG).

**SOUTH ISLAND PIED OYSTERCATCHER** *Haematopus ostralegus finschi*

Paua, 10 on 20/9/86 (GW). Ruakaka, 100+ on 14/1/87; Waipu E, 1 on 14/1/87 (PB). Kaipara H, South Head Pen, groups of 2, 60 and 50 on 29/4 (MH). Manukau H census, summer 3728, winter 26 700 (AJG, MJT). Waikato R mouth, 74 on 26/7; Mataitai, 750 on 21/3; FoT census, summer 1147, winter 6274; Miranda/Taramaire, 9300 on 21/4 (AJG). Thames 4000-5000 on 6/2 (MJT). Fletcher's Bay, 300 on 10/5 (AVP, JVP). Aotea H, 135 on 21/11, 188 on 18/6; Kawhia H, 494 on 21/11, 830 on 10/9, 1072 on 18/6 (FN, BHS). Bowentown Shellbanks, 70 on 22/11 (BC, NS); Plummer's Pt, 8 on 8/9 (BRK); Sulphur Pt, 23 on 22/11 (PCML), 12 on 20/3 (BC). Maketu, 3 on 5/6 (NS); Little Waihi, 8 on 1/11, 5 on 20/3 (PCML). Ohiwa H, 19 on 8/11 (WS). Ahuriri E, 10 on 11/7, 2 on 14/11; Porangahau E, 2 on 21/11 (KVT). Mangatahi, 3 on 26/9 (MT, PWT). This place, 31 km inland, has been a SIPO haunt for over 10 years with some recent breeding attempts (BRK). Pourere - Aramoana, 15 on 31/1 (ARG, ALH). Wanganui R, 39 on 26/1, 1 on 29/1 (PB). Foxton B, 20 on 28/2 (JLM, MM). Manawatu E, 5 on 28/8, 13 on 27/10, 63 on 21/2 (RAC, RG *et al.*).

VARIABLE OYSTERCATCHER *H. unicolor*

Te Weraki Lag, Te Paki, 2 on 14/2 (BS). Rawara B, 21 on 1/10 (PA), 8 on 15/2 (BS). 90 Mile B, 65 on 10/8/86; Waimango, 10 pairs on 2/11/86 (GW). Aurere E, 2 black pairs on 22/11; Mimiwhangata, 3 on 2/5 (MH); Okura, 17 on 24/8/86; Bland Bay, 10 on 30/8/86 (GW). Muriwai Stream, Waipoua Coast, 7 on 16/1 (PA). Ruakaka, 140 on 9/2/87 (GW); 12 pairs raised 7 chicks, 3 pairs still on eggs on 28/1; Waipu E, north side, 6 pairs raised 9 chicks (including 3 chicks raised by adult threesome); Waipu E, south side, 32 pairs with 16 chicks hatched of which 14 fledged. Poor success where public usage high (RP). Port Waikato to Karioitahi, 41 on 13/3 (BB *et al.*). Manukau H census, summer 5, winter 4 (AJG, MJT). Wairoa E, Clevedon, 2 pairs resident; FoT census, summer 15, winter 15 (AJG). Coromandel H, 10 on 26/3; Tairua, 21 on 9/2; Opoutere, 59 on 11/2 (AVP, JVP). Waikorea B, 5 on 3/8 (ASR); Ruapuke, 2 pairs on 18/9 (ASR, JMR); Aotea H, 10 on 21/11, 6 on 18/6 (ASR). Kawhia H, max 9 on 10/9 (BHS). Bowentown B, 5 on 22/11; Bowentown shellbanks, 10 on 22/11; black pair raised 2 chicks, 1 black, 1 pied. Probably same pair have nested here since at least 81-82, raising 1 pied chick most years (BC). Sulphur Pt, 19 mostly territorial pairs, 1 nest in lupin with 2 eggs on 22/11 (PCML). Plummer's Pt, 20 on 8/9 (BRK). Panepane Pt, Matakana I, 8 pairs on territories on 22/11 (PCML); Tauranga H, near bridge toll plaza, 82 on 18/2 (KS); Mt Maunganui, 2 on 28/6 (CJ). Kaituna Cut/Maketu E, 10 breeding pairs, 2 clutches of 2 eggs by 26/10; flock of 38 on 5/6; Little Waihi, 17 on 1/11, 71 on 20/3; Otamarakau, max 3 pairs on 8/11; Matata, 2 pair on 5/7; Tarawera R mouth, 2 on 5/7 (PCML); Rangitaiki R mouth, max 10 on 24/5 (BS, PCML). Maraetotara Stream, Ohope, 14 on 18/11; Whakatane R mouth, 10 on 7/11; Ohope Spit, nest with 2 eggs on 5/11 (WMH); Ohiva, 22 on 8/11; Waiotahi E, 4 on 8/11; Waioeka E, 2 on 8/11; Waiaua, 18 on 8/11 (WS); 2 pairs, 1 chick on 16/11 (WMH). Orauaiti B, Waihou Bay, 2 on 21/1 (PCML). Ahuriri E, 1 on 17/4; Porangahau E, 8 on 21/11 (KVT). Wanganui R, 1 on 27/1 (PB). Manawatu E, max 13 on 1/9 (RAC, RG, GG). Ohau Beach, 37 on 19/7 (BDH). Wellington H, Petone-Ngaurangi, max 6 on 23/3 (JML, MM).

SPUR-WINGED PLOVER *Vanellus miles novaehollandiae*

Karikari Pen, 12 on 20/1 (PA). Aurere E, 2 on 22/11 (MH). Sweetwater Swamp, 8 on 5/8 (PA). Okura, 7 on 17/8; L Omapere, 20 on 19/10/86 (GW), 2 probably nesting on 1/10 (AG). Taheke, 4-5 seen all year round (MT). Pakiri B, 2 on 26/7 (FJT). Motuihe I, 2 on 23/8 (DH). Ponui I, 1 on 23/4 (TRH). Pukekohe, Helvetia Rd, pair with 4 chicks reported on 18/7 (BB). Papakura, Settlement Rd, 1 sitting on 2/10 (JLP); Clevedon, 12 on 29/11 – now well established (AJG); Kawakawa Bay, 9 on beach on 10/4 (RS); Orere, up to 6 in recent months, 5/11; Miranda/Taramaire, 40 on 5/6 (AJG *et al.*). Whangamata, 7 on 18/8 (HMS). Rangiriri, 58 on 23/8 (ASR *et al.*). Roto-o-rangi, pair with 4 week-old chicks on 28/8 (BHS). Plummer's Pt, Tauranga H, 2 on 8/9 (BRK). Papamoa, max 20 on 6/6 (PCML); Kaituna Cut, 25 on 24/4 (AMcC); Maketu, 8 on 5/6; Little Waihi, 2 on 7/11; Awaiti, Matata, c.40 on 5/7 (PCML). Waioeka E, 28 on 10/7 (WS). Potaka, Cape Runaway, 5 on 21/1 (PCML). Ahuriri E, 34 on 11/7, 20 on 25/4 (MT, PWT);

Waitangi E, 34 on 11/7; Tukituki E, 12 on 11/7; Porangahau E, 28 on 11/7; Hurimoana Swamp, 41 on 16/8; L Poukawa, 84 in July, c.150 on 4/10 greatest concentration in HB (KVT). Whirokino/Moutoa, 149 on 25/6; Manawatu E, 26 on 4/7 (JML, MM). L Horowhenua, 24 on 15/5 (AC, WRJ); Levin, Hokio B road, 56 on 2/5 (WRJ). Waikanae E, c.40 on 28/5 (AJT). Lower Hutt, 4 flying over Waiwhetu on 10/3 (JLM, MM).

**GREY PLOVER** *Pluvialis squatarola*

Paua, 1 on 25/1/87 (GW). Miranda, 1 on 20/1 (BC).

**LEAST GOLDEN PLOVER** *P. fulva*

Paua, 200 on 30/11/86, (GW), 2 on 11/2 (BS). Okura, 3 on 4/10/86, 26 on 18/1/87 (GW). Jordan's Farm, Kaipara H, 30 on 3/1 (PH), 49 on 1/4 (BG). Mangere SP, 1 on 31/10 (RJL); Manukau H census, summer 80 (AJG, MJT). Mataitai, 10 on 21/3; FoT census, summer 9 (AJG); Miranda, 2 on 30/1 (BS). Sulphur Pt, Tauranga, 6 on 28/12 (BS). Kaituna Cut/Maketu E, 3 with some breeding colour on 18/10; 27 on 7/11 (PCML), 22 on 23/3 most well into breeding dress (BC); Little Waihi, 22 on 7/11 (PCML). Ohope Spit, max 18 on 22/1 - 19/3 (WMH). Ahuriri E, 3 on 14/11, 9 on 2/4 (MT, PWT). Porangahau E, 1 on 21/11 (KVT). Manawatu E, 20 on 27/10 (RG, GG) increasing to max 37 on 27/3 (JLM, MM *et al.*).

**NEW ZEALAND DOTTEREL** *Charadrius obscurus*

Rawara B, 6 on 15/2 (BS). Waimango, 20 on 18/10/86 (GW). Aurere E, 2 pairs on 22/11 (MH). Okura, 18 on 8/2/87; Bland Bay, 10 on 30/8/86 (GW). Muriwai Stream, Waipoua coast, 5 on 16/1; Wairoa E, 14 on 7/1 (PA). Ruakaka, 15 on 9/2/87 (GW); 9 pairs nesting, 2 nests of 2 eggs hatched with chicks surviving: one pair still on eggs (4th attempt) on 28/1 (RP). Waipu, 10 on 19/2/87 (GW); at least 16 pairs nested with at least 11 eggs hatched, summer 87/88 (RP). Omaha Spit, 12 birds nesting on 24/11 (SC, JED). S Kaipara Heads, 8 birds nesting on 22/11 (MG, SG); Muriwai B, One Mile Stream, 2 pairs, 1 nesting on 10/1 (PC). Manukau H census, summer 20, winter 20 (AJG, MJT). Mataitai, 12 on 19/11, 32 on 21/3; FoT census, summer 22, winter 19 (AJG). Coromandel H, 14 in May; Fletcher's Bay, 14 on 10/5 (JVP, AVP). Waikawau B, 6 on 31/8 (JB). Waikorea B, 7 on 3/8, 2 pairs on 28/8; Aotea H, 1 on 21/11; Kawhia H, 3 on 21/11, 4 on 18/6 (ASR), max 10 on 2/5 (BHS). Whitianga, 1 pair on 3/1 (PCML); Hot Water B, 1 pair on 21/10; Kuaotunu, 1 on 22/10 (WMH). Bowentown B, 3 (1 nest with eggs) on 22/11 (BC). Sulphur Pt, 8 (1 nest in lucerne with 2 eggs) on 22/11 (PCML), max 36 on 20/3 (BC). Panepane Pt, Matakana I, 2 pairs on 22/11; Maketu Spit, 8 pairs, 2 nests with 3 eggs, 2 nests with 1 egg, on 18/10; all 4 nests empty, new nest with 3 eggs deep in clump of sea-rocket on 26/10, 9 pairs with no sign of any breeding success on 7/11; Maketu E, max 33 on 20/3; Kaituna Cut, 1 pair on 7/11 (PCML); Little Waihi, max 5 on 5/6 (KS); Otamarakau, max 3 pairs and 1 single bird on 8/11; Herepuru, Matata, 3 pairs on 31/10 (WMH); Tarawera R mouth, 3 on 11/5 (AMcC). Whale I, Boulder Bay, 3 on 5/1; Whakatane R mouth, 1 on 24/6; Ohope Spit, max 61 on 19/3 (WMH); Ohiwa, 2 on 8/11; Waiotahi E, 10 on 8/11 and 23/6; Waiau E, 12 on 10/7 (WS). Whangaparaoa B, Cape Runaway, 1 on 12/8 (WMH), 2 on 8/11 (KO).

**BANDED DOTTEREL** *C. bicinctus*

Paua, 250 on 25/1/87; Waimango, 60 on 29/12/86 (GW). Waipu E, max 23 in Jan 87 (PB). Manukau H census, summer 5, winter 778 (AJG, MJT). Sunset B, Port Waikato, 37 on 13/3 (BB *et al.*). Clevedon, Wairoa E, 47 on 15/6; FoT census, summer 37, winter 105; Miranda/Taramaire 114 on 21/4 (AJG). Coromandel H, 75 on 26/3 (AVP, JVP). Waikorea B, 13 on 3/8, 4 pairs on 28/8; Aotea H, 4 on 21/11, 73 on 18/6; Kawhia H, 500 on 21/11, including 6 banded birds (2 from HB, 1 Greymouth, 2 Canterbury, 1 Manawatu) (ASR). Whitianga, 16 at mouth of Mother Brown's Creek on 3/1 (PCML). Bowenton B, max 220 on 1/5 included 1 bird colour-banded on Ashley R, and wintering for 5th consecutive year (BC). Sulphur Pt, at least 5 pairs breeding on 22/11 (PCML), max 633 on 19/2 (RP). Kaituna Cut/Maketu E, 11 on 20/3, 40 on 6/6; Little Waihi, 4 on 5/6; Otamarakau, 4 pairs on 8/11; Herepuru, Matata, 4 pairs on 8/11; Tarawera R mouth, 1 on 19/6 (PCML). Ohope Spit, 10 pairs on 8/11 (PCML), max 462 on 23/6 (WMH); Ohiwa H, 2 on 8/11 (WS); Waiau E, 2 on 16/11 (WMH). Ahuriri E, 2 on 11/7, 12 on 2/4 (MT, PWT); Waitangi E, 4 on 11/7, 9 on 14/11; Clive, flock of 24 on riverbed on 4/6 (KVT); Tukituki E, 99 feeding on ploughed fields on 16/4 (MT, PWT). Porangahau E, 108 on 11/7, 5 on 14/11 (KVT). Wanganui R, 64 on 29/5; Turakina E, 50 on 27/3 (PB). Moutoa Floodway, 57 on 25/6 (JLM, MM). Manawatu E, 41 on 22/11 (RAC, SEC *et al.*), 105 on 24/4 (JLM, MM). Waikanae E, 3 chicks on 11/10, first for many years (AJT), 22 on 1/1 (Sch).

**MONGOLIAN DOTTEREL** *C. mongolus*

Karaka, 1 on 2/11 (DAL, DMW) and 4/3 (BHS). Porangahau E, 1 on 11/7 and 21/11 (KVT), 1 on 24/1 (BDH).

**LARGE SAND DOTTEREL** *C. leschenaultii*

Paua, 1 on 25/1/87 (GW). Taporu, 1 on 20/11 (MJT). Karaka, 1 on 2/11 (DAL, DMW), Miranda, 1 between 12/10 and 10/1 (PA, DA, RJL, BHS).

**BLACK-FRONTED DOTTEREL** *C. melanops*

Ahuriri E, 97 on 11/7, 8 on 14/11; Waitangi E, 20 on 11/7, 7 on 14/11; East Clive, nest with 3 eggs on shingle among driftwood on 27/9; 7 at Muddy Creek on 26/5 (KVT); Tukituki E, 6 on 16/4 (MT, PWT); Hurimoana Swamp, 22+ on 16/8 (KVT). Maraetotara E, 10 on mudflat on 22/7 (BMT). Porangahau E, 7 on 11/7 (KVT); L Hatuma, 2+ 2 juv on 25/1 (BDH). Turakina E, 10 on 27/3 (PB, OT).

**WRYBILL**, *Anarhynchus frontalis*

Paua, 19 on 25/1/87; Mitimiti, 2 on 2/8/86 (GW). Ruakaka E, 1 on 14/1/87; Waipu E, 1 on 14/1/87, 4 on 15/1/87 (PB). Jordan's Farm, Kaipara H, 350 on 19/2 (SD). Pollen I, Waitemata H, 6 on 10/10; Mangere SP, 220 on 26/9 (MJT), 70 on 10/1 (BHS), 500+ on 7/2 (MJT), 750 on 4/3 (GE, RBS), 1200 on 21/4 (RBS, TGL). Manukau H census, summer 32, winter 1366 (AJG, MJT). FoT census, summer 141, winter 650; Miranda, 3000 on 27/3 (PA, DA) and still present on 9/6 (GM, RBS). Sulphur Pt, Tauranga H, 4 on 28/12, 72 on 6/5 (BS), 47 on 18/6; Kaituna Cut, 5 on 20/3, 2 on 4/4; Little Waihi, 2 on 1/11 (PCML). Ohope Spit, 2 on 19/2 (WMH). Ahuriri E, 2 on 11/7 (KVT), 1 on 25/10 (MT, PWT); Tukituki E, 1 on 4/4 (PWT); Porangahau E, 44 on 11/7, 2 on 21/11 (KVT), 33+ on 24/1 (BDH).

Wanganui, 3 on 27/1; Turakina E, 2 on 27/3 (PB, OT, GR). Manawatu E, 5 on 28/8, 30 on 6/9, 7 on 22/11, 18 on 21/2, present in all months (JLM, MM, LJD *et al.*). Petone foreshore, 2 being harassed by Red-billed Gull as they fed, on 29/9 (PRN).

**FAR-EASTERN CURLEW** *Numenius madagascariensis*

Paua, 3 on 20/9/86 and 24/10/86, 4 on 29/11/86 (GW), 2 on 11/2 (BS). FoT, Access Bay, 2 on 2/10, 4 on 8/11, 5 on 28/11, 6 on 25/12 and 24/1 (RJL, PA, DA, AJG). Maketu, 1 on 5/6 (PCML). Manawatu E, 1 present between 12/9 and 27/3 (RG, MO, MO *et al.*).

**ASIATIC WHIMBREL** *N. phaeopus variegatus*

Paua, 100 on 20/9/86, 5000 on 24/10/86, 2000 on 29/11/86 (GW); c.200 knots on 15/10 (SG, JED). Jordan's Farm, Kaipara H, 23 on 19/2 (SD, AR). Manukau H census, summer 3 (AJG, MJT); Karaka, 2 on 28/12 (RJL). Duder's, Wairoa E, 2 on 2/7, 3 on 19/1, 2 on 16/6 (AJG, RJL). FoT census, summer 2 at Piako (AJG). Porangahau E, 1 on 11/7 (KVT); 1 on 24/1 (BDH).

**WHIMBREL** sp.

FoT, Access Bay, 6 on 16/8, 1 on 24/11 and 5/6 (BB *et al.*). Kaituna Cut/Maketu E, 4 on 7/11 (PCML), 6 on 20/3 (RC), 5 on 23/3 (BC), 1 on 5/6 (PCML). Ohope Spit, 4 on 11/10 and 5/11, 5 on 19/3 (WMH). Porangahau E, 1 on 21/11 (KVT). Manawatu E, 1 on 23/1 (JLM, MM).

**LITTLE WHIMBREL** *N. minutus*

FoT, Access Bay, 1 on 21/1 (BC).

**ASIATIC BLACK-TAILED GODWIT** *Limosa limosa*

Mangere SP, 1 or 2 birds recorded on 9 occasions between 1/11 and 23/2 (RJL).

**HUDSONIAN GODWIT** *L. haemastica*

Mangere SP, 1 bird recorded on 12 occasions between 1/7 and 4/10 (RJL).

**BAR-TAILED GODWIT** *L. lapponica*

Paua, 100 on 20/9/86, 5000 on 24/10/86, 2000 29/11/86 (GW); c.200 on 11/2 (BS). Waimango, 500 on 1/2/87 (GW). Waipu E, 105 on 15/1/87 (PB). Manukau H census, summer 11 234, winter 1314 (AJG, MJT). Clevedon, Wairoa E, 54 on 17/7, 708 on 8/12; FoT census; summer 4226, winter 472; Access Bay, 7269 on 11/10 (BB, AJG *et al.*). Coromandel H, 360 on 29/11; Fletcher's Bay, 51 on 10/5; Tairua, 260 on 9/2; Opoutere, 85 on 11/2; Matarangi Spit, 251 on 6/12 (AVP, JVP). Aotea H, 1487 on 21/11, 245 on 18/6; Kawhia H, 370 on 10/9, 120 on 18/6 (ASR). Bowentown Shellbanks, c.3000 on 22/11 (BC, NS). Matahui Pt, Tauranga H, c.700 on 1/8 (RC), 1 on 22/11 (KWLB); Plummer's Pt, 255 on 8/9 (BRK); Sulphur Pt, c.2500 on 22/11 (PCML), 400 on 28/12 (BS), 30 on 18/6. Increased disturbance at this roost seems to have forced birds to use other sites (PCML). Aerodrome Bay, courtship (head-bobbing and bill touching) and mating observed on 27/10 (GB); Maketu E, max 800 on 20/3, min 44 on 19/6 (PCML); Little Waihi, max 500 on 1/11, min 31 on 19/6 (PCML, KS). Ohope Spit, c.4000 on 8/11; Ohia H, c.3000 on 13/3 (PCML). Waiotahi E, 20 on 8/11; Waiaua E, 12 on 8/11 (WS). Ahuriri E, 36 on 11/7, 394 on 14/11; Waitangi E, 16 on 11/7; Tukituki E, 15 on 14/11; Porangahau E,

8 on 11/7, 138 on 21/11 (KVT). Pourere-Aramoana, 200+ on 31/1 (ARG, ALH). Wanganui E, 104 on 20/12 (PB, OT), 94 on 29/1 (PB). Manawatu E, max 535 on 22/11 (LJD *et al.*), min 10 on 2/8, recorded all months (JLM, MM).

#### LESSER YELLOWLEGS *Tringa flavipes*

Mangere SP, 1 seen on several occasions between 30/10 and 23/2 (RJL, RBC, RBS).

#### GREENSHANK *T. nebularia*

Paua, 3 on 29/11/86, 2 on 25/1/87 (GW). Parengarenga H, 3 feeding with Turnstones, 1 caught small fish; 2 behaved as a pair, on 5/1 (MG, SG). Houhora H, 1 on 22/11 (RP, PA). Matahui Pt, Tauranga H, 1 on 27/2 (BC).

#### MARSH SANDPIPER *T. stagnatilis*

Waimango, 1 on 29/12/86, and 1/2/87 (GW). 90 Mile B, L Half, 1 with Pied Stilts between 15/11 and 4/1 (VH, MG, SG). Jordan's Farm, Kaipara H, 1 on 3/1 (PH) and 19/2 (SJD). FoT, Access Bay, 1 seen throughout the year, but elusive (RJL, PA, DA, BRK, GMHP, BHS). Kaituna Cut, 2 between 18/3 and 4/4, by which time 1 moulting into breeding dress (RC, PCML); 1 on 9/4 (WMH).

#### WANDERING TATTLER *T. incana*

Omaha Spit, 1 with godwits and knots on 15/10 (SC, JED).

#### SIBERIAN TATTLER *T. brevipes*

Waipu E, 1 between 12/1 and 17/1/87, seen to eat small crab after discarding its legs (PB). Jordan's Farm, Kaipara H, 1 calling on 7/11 (SD), 1 on 1/4 (BG). FoT, Access Bay, 1 between 17/7 and 28/12 (BC, BRK, RJL, PA, DA). Bowentown Shellbanks, 1 calling in flight on 12/12 (BC).

#### TATTLER sp.

Bay of Is, Urupukapuka I, 1 on 10/10 (PA, RP). Karioitahi B, 1 on 3/10 (RJL). East Cape, 1 on reef on 1/2 (BW).

#### TEREK SANDPIPER *Xenus cinereus*

Jordan's Farm, Kaipara H, 2 on 7/11 and 19/2 (SD). Mangere SP, 1 on 12/12; Karaka, 1 on 10/10 (RJL). FoT, Access Bay, 1 on 19/7 and 13/9, 2 between 10/11 and 23/1, 1 on 4/3 (RJL, BHS, CJ, PA, DA, GP, RG).

#### TURNSTONE *Arenaria interpres*

Paua, 100 on 20/9 and 24/10/86, 1500 on 29/11/86 (GW); c.60 on 11/2 (BS). Waipu E, 28 on 17/1/87 (PB). Manukau H census, summer 501, winter 124 (AJG, MJT). FoT census, summer 187, winter 9 (AJG). Kawhia H, 1 on sandbank roost on 10/9 (FN, BHS), 1 on 21/11 (ASR). Bowentown B, 70 on 22/11; Bowentown Shellbanks, 250 on 28/11 (BC); Matahui Pt, 30 on 1/8 (RC). Maketu E, 4 on 18/10, 38 on 20/3, 4 on 6/6 (PCML). East Clive, 6 on muddy lagoon margin on 3/10; Porangahau E, 1 on 21/11 (KVT). Manawatu E, 1 on 1/9, 4 on 25/12, 1 on 10/4 (JLM, MM *et al.*).

#### KNOT *Calidris canutus*

Paua, 100 on 20/9/86, 5000 on 24/10/86, 4000 on 29/11/86 (GW), c.20 on 11/2 (BS). Raukaka, 43 on 9/2/87 (GW); Waipu E, 180 on 13/1/87 (PB). Manukau H census, summer 14 560, winter 2414 (AJG, MJT). Mataitai, 1050 on 21/3; FoT census, summer 5200, winter 3 (AJG). Matarangi Spit, 5 on 6/12 (AVP, JVP). Aotea H, 34 on 21/11 (ASR); Kawhia H, 5 on 10/9



(FN, BHS). Bowentown Shellbanks, 70 on 22/11 (BC, NS); Matahui Pt, c.200 on 27/2 (BC); Kaituna Cut/Maketu E, 30 on 18/10, c.80 on 26/10, 67 on 7/11 (PCML) and 20/3 (RC), 14 on 5/6 (NS). Ohope Spit, 1 on 5/11, 4 on 19/2 (WMH). Westshore, HB, 5 on 31/10 (KVT), 1 on 12/11 (BHS); Waitangi E, 4 on 14/11; East Clive, 5 on 19/10; Tukituki E, 16 on 14/11; Porangahau E, 14 on 21/11 (KVT). Wanganui R, 1 on 28/1 (PB, OT). Manawatu E, max 315 on 28/2, 1 on 4/5 (JLM, MM *et al.*).

**GREAT KNOT** *C. tenuirostris*

Manawatu E, 1 on 27/12 and 28/12 (JML, MM, RG, GG).

**SHARP-TAILED SANDPIPER** *C. acuminata*

Waimango, 2 on 18/10/86, 7 on 2/11/86, 13 on 29/12/86, 15 on 1/2/87 (GW). Mangere SP, 7 on 5/11 (GA, RBS), 15 on 3/1 (RJL); Manukau H census, summer 13 (AJG, MJT); Karaka, 10 on 28/12 (RJL). FoT census, summer 14 at Access Bay (AJG), 26 on 30/1 (BC). Kaituna Cut, 2 on 19/9 (BC), 5 on 18/10, 11 on 1/11, 10 between 20/3 and 9/4 (PCML, WMH). Napier, Southern Marsh, 1 on 29/11, 2 on 7/1 (MT, PWT). Manawatu E, 2 on 24/10, 10 on 22/11, 12 on 21/2, 14 on 27/3, 11 on 25/4 (RG, MO, MO *et al.*).

**PECTORAL SANDPIPER** *C. melanotos*

Waimango, 2 on 29/12/86 (GW). Pakiri B, 1 at river mouth on 22/11 (RJHC, NR). Mangere SP, 1 on several occasions between 27/11 and 3/1 (RJL, MJT). Kaituna Cut, 2 between 7/11 and 9/4 (PCML, WMH). Napier, Southern Marsh, 1 on 7/11 (MT, PWT). Manawatu E, 1 on 27/12 and 31/12 (JLM, MM).

**CURLEW SANDPIPER** *C. ferruginea*

Paua, 20 on 29/11/86; Waimango, 3 on 18/10/86 (GW). Manukau H census, summer 20 (AJH, MJT). FoT, Access Bay, 3 on 13/9, 17 on 12/10, 20 on 22/11 and 4/3, 23 on 21/5, 2 on 5/6 (RJL, BC, BHS, PA, DA, CJ, NCP). Kaituna Cut, 1 between 26/10 and 20/3 (PCML).

**RED-NECKED STINT** *C. ruficollis*

Waimango, 10 on 2/11/86; Waipu E, 3 on 9/2/87 (GW), 5 between 12/1 and 17/1 (PB). Manukau H census, summer 13 at Seagrove, 24 at Karaka (AJG, MJT). FoT, Access Bay census, summer 5, winter 1 (AJG); 7 on 28/12 (PA, DA). Kaituna Cut, 7 on 31/10, and 7/11 (PCML), 5 on 9/4 and 5/6 (WMH, NS). Napier, Southern Marsh, 3 on 25/10, 5 on 7/11 (MT, PWT). Porangahau E, 2 on 11/7, 7 on 21/11 (KVT), 18 on 24/1 (BDH). Manawatu E, 1 overwintered, 4 on 25/10, 3 on 22/11, 3 Jan-April, 7 on 25/6 (RG, LJD *et al.*).

**SANDERLING** *C. alba*

Tapora, 1 with Golden Plovers on 20/11 (KG, BG). Maketu E, 4 on 27/4 (KO).

**PIED STILT** *Himantopus himantopus leucocephalus*

Paua, c.70 on 11/2; Rawara B, 11 on 15/2 (BS). Aurere E, 2 on 22/11; Mimiwhangata, 17 on 2/5 (MH). Jordan's Farm, Kaipara H, 500 on 19/2 (SJD). Mangere SP, c.300 birds, 20 nests, 4 chicks on 22/11 (MJT). Manukau H census, summer 733, winter 4826 (AJG, MJT). FoT census, summer 809, winter 2909 (AJG). Thames, c.6000 on 6/2 (MJT). Aotea H,

20 on 21/11, 25 on 18/6; Kawhia H, 100 on 21/11, 55 on 18/6 (ASR). Matahui Pt, Tauranga H, 100 on 19/5 (BS); Plummer's Pt, 16 on 8/9 (BRK). Kaituna Cut, 50 on 26/10, 200 on 20/3; Maketu E, 100 on 7/11, 277 on 5/6 (PCML); Little Waihi, 105 on 20/3, 209 on 5/6 (PCML, KS); Herepuru Stream mouth, 4 pairs nesting on beach on 8/11 (PCML); Matata, c.500 on 20/9 (BC), 50 on 14/5 (PCML); Ohiwa H, 56 on 16/11 (WMH); Waiotahi E, 12 on 8/11 (WS); Waiaua E, 21 on 16/11, some nesting (WMH). Ahuriri E, 1177 on 11/7, 503 on 14/11; East Clive, 127 on 11/7, 123 on 14/11; L Poukawa, c.150 in July; Porangahau E, 123 on 11/7, 26 on 21/11 (KVT). L Hatuma, 500 + on 25/1 (BDH). Wanganui E, 37 on 5/7, 81 on 20/12 (OT). Manawatu E, 58 on 22/11, 231 on 21/2 (RG), 250 on 14/5 (JLM, MM). Foxton No. 1 L, 25 on 6/2; Foxton No. 2 L, 10 on 6/2; Foxton Loop, 20 on 24/4 (JLM, MM).

#### BLACK STILT *H. novaeseelandiae*

FoT, Access Bay, 1 hybrid with flank patches on 5/6 (NCP). Waikorea B, hybrid with white face and belly on 28/8 (ASR). Kawhia H, 8 hybrids, 4 (including 1 juv) with bands, on 2/5 (BHS); 6 hybrids, 2 with bands, on 18/6 (ASR). Hairini, Tauranga, 1 reported on 13/6 (PCML); Matahui Pt, 1 reported in early July (BC), 2 on 1/8, 1 black, 1 smudgy belly (RC). Manawatu E, 1 hybrid on 14/5 (JML, MM).

#### POMARINE SKUA *Stercorarius pomarinus*

Foxton B, 1 on 26/3 (JLM, MM).

#### ARCTIC SKUA *S. parasiticus*

Miranda, 1 light phase and 1 dark phase on 7/12 (BRK). Whale I, 1 light phase on 3/2 (WMH). Mt Maunganui, 2 light phase, 1 dark phase on 9/4 (BRK). Rangitaiki R mouth, 1 dark phase harrying White-fronted Terns on 14/5 (PCML). Ohiwa H, 1 light phase on 4/2 (WMH). Foxton B, 2 on 6/2, 7 on 26/3, 2 on 27/3 (JLM, MM).

#### SKUA sp.

Urquhart's Bay, 2 chasing White-fronted Terns on 7/2 (RP, KB, PA). Waikanae E, c.23 offshore chasing terns on 10/4 (AJT).

#### SOUTHERN BLACK-BACKED GULL *Larus dominicanus*

Shelly Beach I, Kaipara H, 34 nests on 7/11; Mangere SP, 150 birds, 40 nests on 22/11 (MJT). Cochran's Gap, Awhitu Pen, nests on inaccessible ledges to the north, on 15/11 (AJG *et al.*). Manukau H census, summer 377, winter 675 (AJG, MJT); Karaka, 1 nest on shellbank on 2/12 (JLP). FoT census, summer 297, winter 744 (AJG). Kawhia H, 104 on 18/6 (ASR). Bowentown shellbanks, 6 pairs nesting, feeding on chicks of nearby White-fronted Tern nests, Nov-Dec (BC); Panepane Pt, Matakana I, c.100 pairs nesting on 22/11 (PCML). Ahuriri E, 125 on 11/7, 235 on 14/11 (KVT); Waitangi, c.400 on 16/4; Tukituki E, c.400 on 16/4 (MT, PWT); E Clive, 167 on 11/7, 100 on 14/11; Porangahau E, 10 on 11/7, 24 on 14/11 (KVT).

#### RED-BILLED GULL *L. novaehollandiae scopulinus*

Te Kao, 1000s, possibly a prebreeding assembly before dispersal to Three Kings Is, on 20/9/86 (GW). Manukau H census, summer 5, winter 518 (AJG, MJT). FoT census, summer 182, winter 5798; Miranda, following the incoming tide catching small flies as they rose off the mud on 20/10 (AJG).

Kawhia H, 32 on 18/6 (ASR). Bowentown shellbanks, c.60 pairs nesting, colony flooded mid-Nov and no chicks raised (BC). Kaituna Cut, 80 on 20/3; Maketu Spit, c.350 on 18/10, c.50 with 22 nests with 1 or 2 eggs on 26/10; Tarawera R mouth, c.200 on 5/7 (PCML). Ahuriri E, 93 on 11/7, 71 on 14/11 (KVT); Marine Parade, Napier, c.400 in one flock on 16/4 (MT, PWT). Wanganui R, 165 on 4/3 (PB). Manawatu E, 200 on 25/6; Whirokino, 2500 on 25/6 (JLM, MM). Waikanae E, 224 on 3/4 (AJT).

#### BLACK-BILLED GULL *L. bulleri*

Yates Dam, Karaka, 1 on 14/6 (RJJ). Mataitai, 21 on 17/7; FoT census, summer 156, winter 121 (AJG); Miranda, large flock courting and copulating on 12/10 (BHS); this colony was later washed out (AJG). Otamarakau, 1 on 8/11 and 19/6; Tarawera R mouth, 4 on 8/11, 3 on 14/5 and 19/6 (PCML). Ohope Spit, c.80 preparing to nest on 8/11; c.80 with chicks on 12/12 (WMH). Ahuriri E, 20 on 11/7; Waitangi, c.70 on 11/7; c.244, of which c.150 on nesting site with c.400 White-fronted Terns, on 14/11; a successful breeding season followed (KVT). Tukituki E, 138 on 11/7, 17 on 14/11; L Poukawa, c.30 in July; Porangahau E, c.60 on 11/7, 15 and 3 nests on 21/11 (KVT); Tangimoana, 6 on 6/9 (RG). L Hatuma, 59 on 25/1 (BDH). Manawatu E, 41 on 27/10, 8 on 22/11, 76 on 21/2 (RG, GG, LJD *et al.*). L Horowhenua, 30 on 12/7, 205 on 7/2 (RG); Levin SP, 400 on 8/6 (WRJ). Wellington H, Ngauranga, 1 on 4/5, 2 on 13/6 (JLM, MM).

#### WHITE-WINGED BLACK TERN *Chlidonias leucopterus*

L Waiporohita, Karikari Pen, 1 on 29/12/86 (GW).

#### GULL-BILLED TERN *Gelochelidon nilotica*

Ahuriri E, 1 on 11/7 (KVT); 1 in breeding plumage on 2/4 and 28/5; 1 with full cap on 12/6 (PWT, MT).

#### CASPIAN TERN *Hydroprogne caspia*

Paua, 4 on 11/2 (BS). Aurere E, 2 on 22/11; Mangonui, 1 on 22/11; Taipa, 1 on 22/11 (MH). Kerikeri Inlet, 15 on 18/1/87; Waitangi, 44 on 17/1/87 (GW). Te Haumai E, Bay of Is, 32 on 31/10; Muriwai R mouth, 2 on 16/1 (PA). Mangawhai, 165 adults, 89 incubating, 29 chicks on 15/10 (MJT); 7 large chicks remaining on 11/1 (CH). Shelly Beach I, Kaipara H, 17 nests on 8/11 (MJT). Manukau H census, summer 37, winter 108 (AJG, MJT). FoT census, summer 19, winter 132. Miranda/Taramaire, 116 on 23/3 (AJG). Thames, 96 including 2 juv on 4/2 (MJT). L Whangape, 5 on 22/3 (BHS); Hamilton, 1 flying over suburban Chartwell on 19/6 (BRK); Aotea H, 5 on 18/6; Kawhia H, 8 on 21/11, 4 on 18/6 (ASR). L Aniwhenua, 1 on 25/1 (KO). Bowentown Shellbanks, 110 adults and c.10 chicks (BC); Matahui Pt, 3 on 22/11 (PCML); Plummer's Pt, 42 on 8/9 (BRK); Sulphur Pt, 26 on 22/11, 21 on 18/6; Maketu E, 2 on 18/10, 3 on 1/11, 6 on 5/6; Little Waihi, 3 on 1/11, 1 on 20/3 (PCML), 6 on 5/6 (KS); Otamarakau, 1 on 8/11; Tarawera R mouth, 3 adults, 2 immes on 6/9, 2 on 14/5 (PCML), 5 on 24/5 (BS). Ohope Spit, 18 on 5/11, 35 with eggs and chicks on 22/1; Ohiwa H, Uretara I, small colony with 13 eggs on 14/12, flooded out on 10/1 (WMH); Waioeka E, 2 on 10/7 (PCML). Ahuriri E, 3 on 14/11, 26 on 2/4 (MT, PWT); Tukituki E, 9 on 11/7, 13-16 April-June (JRP, MTC); Ahuriri outfall channel and Tukituki E are the main winter roosts for 30-40

birds. Pourere- Aramoana, 3 on 31/1 (ARG, ALH). Porangahau E, 4 on 11/7, 7 including 2 chicks on 21/11 (KVT). Manawatu E, 23 on 7/2 (JLM, MM), 8 on 22/2 (RG). Waikanae E, 26 on 26/1 (BAT).

**BLACK-FRONTED TERN** *Sterna albobriata*

Matahui Pt, 2 probables on 26/2 (RC). Maketu, 1 in winter plumage with 4 White-fronted Terns on 20/3, first record for Maketu (PCML); Tarawera R mouth, 1 on 5/7 and 24/4; Rangitaiki R mouth, 1 first-year bird on 5/7, 19 on 23/7 (BC, PCML); 2 on 24/4, 11 on 11/15 (BC, AMcC), 13 on 14/5 (PCML), 27 on 24/5 (BS); 45, mostly in full or almost full breeding dress, on 19/6; this is the largest flock since 1980 (PCML); 1 on 4/6 (WMH). Napier, Marine Parade, 6 on 11/7 (KVT); 13 on 24/4, 30 on 12/5 including 2 first-years (MT, PWT); East Clive, 4 hawking over field on 4/6; Tukituki E, 24 on 11/7 (KVT), 3 on 16/4, 11 on 12/5 (MT, PWT), 13 on 4/6 (JRP, MTC). Manawatu E, 1 on 23/4, 4 on 24/4 (JLM, MM). Waikanae E, 111 on 28/5 (AJT).

**CRESTED TERN** *S. bergii*

Waikanae E, 1 with full black cap and fresh plumage on 11/10 (AJT, RBC).

**COMMON TERN** *S. hirundo*

Bowentown Shellbanks, 1 in breeding dress on 29/11, 1 in complete non-breeding dress on 19/12; 3 on 27/12; 1 on 3/1 and 24/1. All sightings were among White-fronted Terns (BC). Manawatu E, 1 in winter plumage between 25/12 and 17/1 (JLM, MM). [Waikanae E, 1 probable on 1/4 and 4/4 (AJT).]

**ARCTIC TERN** *S. paradisaea*

Bowentown Shellbanks, 1 possible first-year bird at White-fronted Tern colony on 28/11 (BC).

**FAIRY TERN** *S. nereis*

Waipu E, pair on eggs on 4/12, 1 hatched on 21/12, other on 23/12, chicks last seen end of Jan; second pair seen twice but not nesting (RP); 5, including 1 juv, on 16/1/87 (PB). South Kaipara Heads, 1 pair, not breeding on 22/11 (MG, SG). Mangawhai Spit, 2 pairs, not breeding on 20/11 (JED), 1 pair breeding on Sand Island, 2 chicks fledged on 11/1 (CH).

**EASTERN LITTLE TERN** *S. albigrons*

Manukau H census, summer 8, winter 2 (AJG, MJT). FoT census, summer 9 (AJG); Access B, 15 on 23/1 (GP, RG), 11 on 21/3 (BRK), 6 on 5/5 (TGL, PS, RBS, AJT); 1 on 23/6 (PA, DA). Ahuriri E, 2 on 30/1 and 2/4; Southern Marsh, Napier, 1 on 25/10 and 31/10, when it was chased by a Spur-winged Plover which, after landing, was swooped over and harassed by Tern! (KVT, MT, PWT). Waitangi E, 1 on 14/11 (KVT). Manawatu E, 1 on 10/10, 2 on 22/11, 3 on 21/2 and 27/3 (RG, MO, MO *et al.*).

**WHITE-FRONTED TERN** *S. striata*

Aurere E, 21 on 22/11 (MH). Waipu E, 600 on 12/1/87 (PB). Mangawhai, 80-90 pairs nesting on Sand I, on 11/1 (MJT, CH). Motutara I, 79 nests on rocks alongside 82 Red-billed Gull nests, on 25/11 (SC). Muriwai, 54 nests on cliff faces of Gannet colony on 6/12 (MJT). Whatipu,

c.100 birds nesting on Ninepin Rock on 28/11 (GS). Orakei Wave-screen, Waitemata H, c.300 birds with 50+ nests on 12/12 (MJT). Manukau H census, summer 22, winter 55 (AJG, MJT). FoT census, summer 427, winter 60 (AJG). Access Bay, c.2000 on 22/10 (BB); this colony later washed out (AJG). Tairua, 261 on 9/2; Tairua B, 508 on 9/2 (AVP, JVP). Bowentown Shellbanks, c.200 pairs with eggs on 22/11, raised no more than 35 chicks because of predation by Black-backed Gulls (BC). Sulphur Pt, 13 flying in unusual manner as though searching for nesting sites on 22/11; Maketu E, c.130 including 4 striated subadults on 20/3; Otamarakau, 42 on 8/11 with 1 nest, the first so far recorded here; Little Waihi, 63 on 20/3; Tarawera R mouth, 30 on 5/7, 15 on 13/3, 35 on 14/5, 15 on 19/6; Rangitaiki R mouth, 7 on 13/3, c.400 on 14/5, 20 on 19/6 (PCML). Ohope Spit, c.320 on 27/10, c.300 nesting on 12/12 (WMH). Waioeka E, 30 on 10/7 (PCML); Waiau E, c.200 on 8/11 (WS). Napier, Marine Parade, c.90 on 11/7, 200+ in single flock on 15/5, c.150 on 27/6 (KVT, MT, PWT); Waitangi E, c.419 on 14/11, large nesting colony and a successful breeding season (KVT); Tukituki E, 14 on 11/7, 26 on 14/11 (KVT). Ohau E, c.4000 with 9 Arctic Skuas (D. Mudge, MO, MO). Manawatu E, 40 on 22/11, 1250 on 7/2, 81 on 22/2 (RG, JLM, MM). Waikanae E, c.2560 on 10/4 (AJT).

#### NEW ZEALAND PIGEON *Hemiphaga novaeseelandiae*

Tiritiri Matangi I, flock of 6 in patch of older forest on 25/3 (SB). L Rotoroa, Hamilton, 1 on 19/4 (GB); Waikato R, Hamilton, 1 feeding regularly and often chased by magpies, July-mid-Aug (BJZ). Herepuru, 1 flying NW along beach on 5/7 (PCML). Napier city, 1 feeding on puriri berries on 30/11 (PWT). Lower Hutt, Waiwhetu, 2 on 16-20/11 and 16/1 feeding on ornamental 'cherry fruits' (JLM, MM).

#### ROCK PIGEON *Columba livia*

Otamarakau, 30 on beach on 19/6; Herepuru, 35 on beach on 5/7, 20 on 8/11 (PCML). Ahuriri E, 17 on 11/7 (KVT). Manawatu E, 3 on 13/3; Foxton No. 1 L, 2 on 24/4; Moutoa Floodway, 3 on 9/4 (JLM, MM).

#### WHITE COCKATOO *Cacatua galerita*

Mauro Forest, 35 in pines on 16/11 (JVD). Wairamarama, Nolan's Rd, 136 on 8/5 (DMW), 181 on 14/5 (PA, DA). Waingaro, 29 foraging in long grass on 10/9 (ASR, JMR). Karapiro, 1 feeding on young pine foliage, late Mar (TBST). Maraetotara, HB, 1 on 16-17/9 (JMcC). Turakina Valley, 14 on 6/12 (RG, RAC, LJD), 4 on 20/7 (RG, GR); Pohangina Reserve, 2 on 20/7 (GR).

#### GALAH *C. roseicapilla*

This species is new to CSN (BRK). Ponui I, flock of 13 on 11/1 (PC). Pakihi I, 6 flying along beach, Sep 87 (JMcC). Bombay, 4 on 5/4; Mangatawhiri, 8 on 14/5 (TH).

#### KAKA *Nestor meridionalis*

Waipoua Forest, 2 Oct-Dec, thought to be breeding (MJT). Matarau SF, 2 (MP). Parahaki Mt, 1 flying at 500 feet on 12/8 (BY). Whangarei, Mair Park, 1 in walnut tree on 23/8 (RP). Parua Bay, 1 heard calling in coastal forest on 13/12 (PA). McLeod's Bay, 2 on 2/10 (BY). Takahiwi, 1 reported by farmer on 16/6/87; Lang's B, Waipu, 1 shot June 87 (RP). Omaha Spit, pair seen in bush on 11/1 (RJHC). Tiritiri Matangi I, pair feeding on early flowering

pohutukawa on 14/11 (MG, SG, BWa). Birkdale, 1 on 15/5; Birkenhead Domain, 2 on 29-30/8 (DJC). Remuera, 1 feeding on kowhai in Purewa Cemetery on 9/10 (DMW). Maraetai, 5 in flowering pohutukawas on 15/12 (FN). Manurewa, 1 in *Acacia baileyana* on 22/6 (JT). Keri Hill, Papakura, 1 flying south on 1/9 (JGM). Drury, 1 reported in garden (JLP). Karapiro, 1 by school on 18/8 (BHS), 1 being fed walnuts at house next to school on 21/10 (TBST). Rangiuru, BoP, 1 seen several times in and near school grounds in June, usually in puriri or lemon tree (RL). Kaweka Range, HB, 2 near MacIntosh Spur on 27/3 (TAS).

#### EASTERN ROSELLA *Platycercus eximius*

Manurewa, 2 trying to get into starling nest box on 27/8 (JVD). Waikato Region, now widespread and apparently still increasing (DJR). Plummer's Pt, Tauranga H, 2 feeding in wattle tree just above tide-line on 8/9 (BRK).

#### RED-CROWNED PARAKEET *Cyanoramphus novaezelandiae*

Tiritiri Matangi I, widespread, usually in groups of 2 or 3, on 25/3 (SB).

#### PARAKEET sp.

Northland, Logan's Bush scenic reserve, heard on 6/7; Mt Manaia, heard on 6/7; McLeod's Bay, aviary owner reported up to 8 have visited a pair in aviary (RP). Upper Tawarau Gorge, 1 on 12/12 (BW). Mangorewa Gorge, 2 or more heard squabbling but not seen on 18/3 (C. Adams *per* PCML).

#### FAN-TAILED CUCKOO *Cuculus pyrrhophanus*

Pukekohe, 1 heard clearly as it flew from shelter belt, mobbed by other birds on 9/2 (DAL).

#### SHINING CUCKOO *Chrysococcyx lucidus*

Clevedon, first song on 17/9 and again on 25/9; still singing on 14/1 (AJG). Waitakaruru, heard on 10/9 (SC). Pirongia SF, first heard on 27/9 (PMB). Hamilton, Grey Warbler pair feeding young cuckoo on river bank on 10/1 (Sch); late record on 14/5 (SC). Craig's Walk, northern HB, several on 26/10 (KVT); Napier, 1 in suburban area on 8/10 (PWT); Mohi Bush, 2 heard on 10/10 (JMcC). Foxton B, 2 heard on 8/11 and 1/1; Eastbourne, 1 heard on 17/10 (JLM, MM).

#### LONG-TAILED CUCKOO *Eudynamys taitensis*

Whau Valley, 1 flew into a window on 27/3 (PA). Tawharanui, 1 on 24/4 (MG, SG). Meadowbank, 1 on 1/3 (RBS). Craig's Walk, northern HB, heard on several occasions on 26/10 (KVT).

#### MOREPORK *Ninox novaeseelandiae*

Ohiwa H, McCoy Rd, many heard at night on 19/1 (PCML). Te Awanga, HB, 1 heard on 11/7 (BMT).

#### SPINE-TAILED SWIFT *Chaetura caudacula*

Tiritiri Matangi I, 2 seen around light-house, in strong NE wind on 15/11 (MG). S. Kaipara Heads, 1 on 15/11 (MW). Parnell, 1 over Stanley St Tennis Stadium on 29/1 (KB, LD). Howick, 1 on 23/1 (BE).

#### NEW ZEALAND KINGFISHER *Halcyon sancta vagans*

Kaitaia, first one calling on 5/8 (PA). Kawhia H, 15+ along foreshore between Maketu Marae and Kawhia on 26/4 (BRK). Eskdale, HB, 1 all-white bird with normally coloured mate on 25/8 (JB); Ahuriri E, 28 on 11/7 (KVT).

**KOOKABURRA** *Dacelo novaeguineae*

Leigh, 4 resident at research station on 14/2 (FJT). Matakana, near Warkworth, resident pair on 22/12 (SC). Wenderholm, 1 seen, several heard on 4/1 (DS). Kaukapakapa, 1 on power lines on 6/6 and 19/3 (DB, DFB).

**NORTH ISLAND RIFLEMAN** *Acanthisitta chloris granti*

Pirongia FP, 1 on 30/8 (JMR, ASR). Mohi Bush, HB, 6 on 15/8 (JMcC).

**SKYLARK** *Alauda arvensis*

HB Region, common throughout, small flocks often seen in winter (KVT). Moutoa Floodway, 100 on 9/4 (JLM, MM).

**WELCOME SWALLOW** *Hirundo tahitica neoxena*

Rawara B, c.30 on 15/2 (BS). Aurere E, 1 on 22/11 (MH). Little Barrier I, 4 at summit on 12/5 (MJI, AJT). Tuakau SP, 200 on 29/5; Clevedon, singing after rain following 2 month's drought on 14/5 (AJG). Gordonton, 2 chicks reared from nest of 3 eggs built on wall-mounted telephone in cowshed, 2 metres from milking area 16/11-5/1; partial albino bird with red face and few black feathers, in late Nov; flocks of 1 to 3 dozen feeding over cows, mid-May to July (DJR). Waikato University, c.200 flying above buildings on 29/6 (FB). Thornton Lag, c.300 hawking insects on 5/7; Kaituna Cut, c.50 on 18/10 (PCML). Ahuriri E, c.43 on 11/7, c.206 on 14/11; East Clive, c.87 on 11/7, c.14 on 14/11, 200 filled the air on 23/8; L Poukawa, c.20 in July (KVT).

**NEW ZEALAND PIPIT** *Anthus novaeseelandiae*

Karioitahi B, seen regularly on beach patrols, 14 on 10/4 (PA, DA, DGB). Access Bay, FoT, 1 on 21/3 (BRK). L Rotoma, good population in district on 8/12 (Sch). Kaituna Cut, 1 on 4/4; Otamarakau, 2 on 20/9 (PCML). Rangitaiki R mouth, 2 on 11/5 (AMcC), 1 on 14/5 (PCML). Pakipaki, HB, 1 pair on 24/7 (JMcC); HB coastline, numerous in some parts, including an autumn flock of c.12 at Clifton (KVT). Manawatu E, 1 on 1/1 (JLM, MM).

**HEDGE SPARROW** *Prunella modularis*

Onerahi, heard singing on 13/9 (PA). Great Barrier I, 2 in dunes at Kaitoke B, on 2/1 (KB). Tiritiri Matangi I, recorded in 3 localities on 25/3 (SB). Red Hill, Papakura, resident pair on 11/8 (BB). Papamoa, 3 males calling from powerlines on 20/3; Kaituna Cut, 3 males singing on 18/10; Matata, calling but not full song on 14/5; Rangitaiki R mouth, 2 in full song on 20/9; Opotiki, males in full song from boxthorn bush tops on sand dunes, in calm warm weather on 10/7 (PCML). Waikou F, northern HB, large numbers in cut-over pines on 2/7 (JGH). Hastings, whispering song heard on 29/8; 1 seen to pull small worm from lawn, look at it, then leave it wriggling (not part of diet?) on 16/6 (KVT).

**NORTH ISLAND FERNBIRD** *Bowdleria punctata vealeae*

North Cape/Aupouri Pen, fairly widespread in Mar 88 (RP); Paua, 2 on 11/2 (BS). Motutangi Wetlands, c.70 on 18-19/1; Kaitaia, Sweetwater Swamp, several seen or heard on 5/8 (PA). Pollen I, Waitemata H, 19 on 10/10 (DGB, WL, MJT), 10 on 9/4 (DGB). Kauaeranga Valley, 1 at Pinnacles Hut on 21/2 (MG, SG). Mt Maunganui, 1 on the Mount itself on 14/6 (CJ); Little Waihi, several seen and heard in ribbonwood on upper estuary on 7/11 (PCML); Matata/Tarawera R mouth, 2 seen on 28/11 (WMH), numerous birds heard in ribbonwood on 14/5 (PCML). Waikou F, northern HB, 2 on 2/8 (JGH).

L Taupo, several on east side on 27/8 (AD, GL, AJT); Waitotaka Reserve, Turangi, 1 pair on 29/12 (Sch). Wanganui, Herekere Swamp, 4 on 11/7 (GR). Bulls, Santoft Forest, 4 on 11/10 (OSNZ group).

**WHITEHEAD** *Mohoua albigilla*

Pirongia SF, 15-20 on 30/8 (ASR, JMR); Hauturu Rd North, 3 flocks of 6-8 on 10/6, 5 on 20/8 (BHS); Waitomo, small flocks of up to 10 on 18/7 (ASR *et al.*). L Rotoma, several seen on 8/12; Atiamuri, good numbers in nearby pine forest on 29/12 (Sch). L Taupo, several on east side on 27/8 (AD, GL, AJT). Craigs Walk, northern HB, 2 responded to 'cork and bottle' on 26/10 (JGH). Eastbourne, Williams Park Reserve, c.10 on 17/10 (JLM, MM).

**GREY WARBLER** *Gerygone igata*

Aurere E, 2 on 22/11 (MH). Hamilton, pair feeding fully fledged chick in Jan (Sch); bird calling on a single note at intervals of 1 second (PCDC). Matata, 1 on 14/5 (PCML).

**NORTH ISLAND FANTAIL** *Rhipidura fuliginosa placabilis*

Papamoa, BoP, 1 in garden on 15/8, a winter visitor only; Matata, 1 on 14/5 (PCML). Hastings, present throughout the year in gardens (MTC).

**PIED TIT** *Petroica macrocephala toitoi*

Northland, recorded in many areas of forest including: Kaikohe, 1; Patakorokoro Bush, 1; Keikei Bush, 2; Mt Hikurangi, several; Kotaretahi Bush, 1; Gammon Rd Bush, several; Hue Hue Bush, 2 on 11-27/8 (RP). Hunua Range, Thousand Acre Clearing, pair in very low open scrub on 29/5 (M. Cutting, AJG). Jones Rd, Hunua, pair on 20/10 (JLP). Wairere Falls, Kaimai Range, 1 heard on 28/6 (BRK). Eastbourne, Williams Park Reserve, 3 males on 17/10 (JLM, MM).

**NORTH ISLAND ROBIN** *P. australis longipes*

Mangorewa Gorge, BoP, 2 pairs on 18/3 (PCML).

**SONG THRUSH** *Turdus philomelos*

Onerahi, first song on 1/5 (PA). Hamilton, one singing on 16/5 (BW). Papamoa, male in full song on 21/5 (PCML). Plummer's Pt, Tauranga H, very common with many nests in shelter belts round orchards, seeming to favour banksia in particular 2-9/9 (BRK). Hastings, 1 singing at 0400 hours on 1/10; 1 sang from 0345 for 3 hours almost continuously on 8/12 (KVT).

**BLACKBIRD** *T. merula*

Clevedon, 1 singing after rain on 23/1 (AJG). Hamilton, 2 establishing territory on 16/5 (BW). Arataki, Mt Maunganui, male in full song after some days of preliminary sub-song on 18/6 (AMcC). Hastings, first full song at dusk on 16/7 (KVT).

**SILVEREYE** *Zosterops lateralis*

Hunua Range, Kohukohunui Track, most commonly heard species 500-1500 m altitude on 30/4 (SE, AJG). L Ngaroto, 23 on floating weed, apparently feeding, on 30/5 (ARP).

**BELLBIRD** *Anthornis melanura*

Hunua Range, near Wairoa Dam, small numbers in secondary growth on 11/10 (AJG *et al.*). Waingaro, Skinner's Bush, 1 feeding on tree lucerne flowers on 7/8 and 11/6 (RSWS). Ohiwa H, McCoy Rd, fine dawn chorus on 19/1; Waihou Bay, Heron Creek, 1 seen, many heard on 21/1 (PCML). Craig's Walk,



northern HB, several on 26/10 (KVT). Levin, 2 feeding in trees all winter in urban garden (WRJ). Eastbourne, Williams Park Reserve, 2 + heard on 17/10 (JLM, MM).

**TUI** *Prosthemadera novaeseelandiae*

Cambridge, 1 feeding in garden (BHS). Craig's Walk, northern HB, numerous in flowering kowhai on 26/10 (KVT). Atiamuri, good population in pine forest on 29/12 (Sch). Lower Hutt, single birds in Trafalgar Park area in July/Aug and on 16/1 (JLM, MM).

**YELLOWHAMMER** *Emberiza citrinella*

Onerahi, first song on 9/9 (PA). Papamoa, c.100 feeding on newly sown grass seed in school grounds on 15/8 (PCML).

**CHAFFINCH** *Fringilla coelebs*

Whangarei, first calling on 3/8 (PA). Clevedon, first full song on 14/7 (AJG). Papamoa, 1 male in garden, first seen in 12 months, on 15/8 (PCML).

**GREENFINCH** *Carduelis chloris*

Awhitu Pen, 1 calling on 20/7 (AJG *et al.*). Mt Pirongia, flocking on farmland on 26/3 (BHS). Papamoa, 3 males in garden taking seeds from pine cone heap on 15/8 (PCML). Hastings, attracted to city garden by apple, pear, quince pips, sunflower and pumpkin seeds, winter 88 (KVT).

**GOLDFINCH** *C. carduelis*

Maio, at least 50 with House Sparrows in lupin on 10/4 (AJG). Red Hill, Papakura, 50 on pohutukawa seeds on 28/3 (BB). Papamoa, c.150 feeding on seeding *Poa annua*, many other flocks of 20-30 on 15/8 (PCML). Napier, Marine Parade, 200 + in feeding flock on 22/8 (MT, PWT). Havelock North, c.100 feeding on sow-thistle on 12/6 (KVT). Moutou Floodway, 100 on 1/8 (JLM, MM).

**REDPOLL** *C. flammea*

Mt Auckland, small group near summit on 1/11 (MG, SG). Hunua Range, Thousand Acre Clearing, good numbers on 18/10 (M. Cutting, AJG). Mt Maunganui, 2 on Mount itself on 28/6 (CJ). Esk F, HB, 100 + in cut-over pine forest on 15/7 (JGH).

**HOUSE SPARROW** *Passer domesticus*

Maio, hundreds with Goldfinches in lupin on 10/4 (AJG *et al.*). L Ngaroto, 500-600 flocking with 500-600 mixed finches, Starlings, Mynas, Silvereyes and Skylarks on 30/5 (ARP). Hastings, Civic Square, 2000-3000 roosting in 2 large *Quercus* trees throughout year (KVT). Puketitiri, HB, a canary-coloured bird feeding on lawn, head brown, blotchy brown shoulders, on 6/10 (BMT).

**STARLING** *Sturnus vulgaris*

Ngaioitonga, 50 on 30/8/86 (GW). Hamilton, 15 regularly feeding on ripe persimmon in May (JMR). Napier, Riverbend Rd, 2500 + coming in to roost between 1645 and 1730 hours on 26/7 (MT, PWT). East Clive, albino in feeding flock; Hastings, city garden, c.12 hunting snails among plants, brought on to lawn, removed from shells with few sharp jerks, eaten immediately; lawn littered with up to 50 shells on 22/12; adults losing breeding colours by 15/1, all bills black, legs dark, plumage dull by 18/1 (KVT). Moutoa Floodway, 5000 on 9/4 (WRJ).

NORTH ISLAND KOKAKO *Callaeas cinerea wilsoni*

Hunua Range, ARA water catchment area, 35 (possibly 39) confirmed by ARA/OSNZ survey team on 20-21/4 (B MacMillan *per* AJG). Mt Pirongia, 1 seen by possum hunter near top on west side on 27/10 (BHS). Hauturu Rd North, 4 or 5 calling 0645-0715 hours on 4/9 (IR), 1 heard on 10/6 (BHS).

ROOK *Corvus frugilegus*

Urungahauhau, Clevedon, 4 being attacked by Harrier on 26/5 (PF), 5 seen in same area through June (M. Hatch, AJG). Mangatangi turnoff, 70 on ground mid-Dec (DAL). Hauraki Plains, 30 'playing in the air' on 10/4 (SC). Hamilton, Ruakura Research Station, recorded in April (FN). Te Hauke-Pukehou HB, readily seen 5 nests being built by pairs on 21/8 (KVT). Aokautere, Palmerston North, 30 on 27/5 (LJD).