

CLASSIFIED SUMMARISED NOTES, NORTH ISLAND

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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 Island; 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.

NOTE: FoT winter census date was 19/7/87.

BROWN KIWI *Apteryx australis*

Poutu Pen, 1 in manuka 10/7/85 (PA). Tapora, juv reared at Auckland Zoo released on 12/7 (MJT).

BLUE PENGUIN *Eudyptula minor*

Whale I, heard at night 8-15/7 (BS). Rurima Islets, 4 offshore on 16/8; Mt Maunganui, heard at night on 2/8 (PCML).

DABCHICK *Podiceps rufopectus*

Aupouri Pen survey, 13 in Jan (AVH); L Kereta. 22 incl. 2 young on 7/7 (JED, MJT), 29 on 31/5 (GAP). Straka's L, Waiwera, 1 on 13/7 (VJL)

and 26/1(RF). L Whatihua, Karioitahi, 2 chasing on 5/7 (JP). L Ngaroto, 6 on 11/6 (RD). Matata, 2 on 6/7, 3 on 21/6; uncommon in coastal BoP (LB, PCML). Putere (L Rotoroa), 1 pr with 2 young on 31/2; Ruapapa Rd, 3 on farm pond on 8/6; Whakaki Lag, 1 on 8/11, 5 on 1/6 (GAF). Long Ridge lake, HB, 2 on 25/1; Blackhead, 2 on roadside pond on 25/1 (BDH). L Wairongomai, 10, including pr carrying chicks, on 8/9 (BDH). L Horowhenua, 137 on 23/6 (WRJ). Foxton No. 1 Lake, 1 pr with 1 juv on 21/12, 5 on 19/4 (JLM, MM). Waikanae E, 1 on 8/3 (ATn)

HOARY-HEADED GREBE *P. poliocephalus*

Aupouri Pen survey, 1 in Jan (AVH)

AUSTRALIAN LITTLE GREBE *Tachybaptus novaehollandiae*

Aupouri Pen survey, 13 in Jan (AVH); L Kereta, pair with 1 chick on 7/2 (SD).

WANDERING ALBATROSS *Diomedea exulans*

Wanganui, 3 on 4/3 (GR, PFB, OT). Foxton B, 1 offshore on 30/12 (JLM, MM). Cook Strait, 1 on 8/3 (ATn).

ALBATROSS/MOLLYMAWK sp.

Foxton B. 2 passing north on 29/11, several on 14/3 (JLM, MM). Owhiro Bay, 1, probably *D. cauta*, 1 km offshore on 28/9/85 (JRC).

YELLOW-NOSED MOLLYMAWK *Diomedea chlororhynchus*

Lion Rock I, early May, 1 m from boat (SA). Astrolabe Reef, north of Motiti I, 2 subadults on 3/8 (LB).

GIANT PETREL *Macronectes* sp.

Waikato west coast, sightings 8 km SW of Raglan on 6/12, and Albatross Pt on 3/8 (ARP, ASR, JMR). Foxton B, 1 on 4/1, 2 on 14/3 (JLM, MM). Clifton, 1 offshore on 31/12 (CFMcR, KVT). Lyall Bay, 3 offshore on 13/7/85 (JRC).

ANTARCTIC FULMAR *Fulmarus glacialis*

Whangamata, 1 dead, being the only confirmed record of this sp. in BoP (PCML). Ocean B, HB, 1 flying overhead on 9/4 (ARG, KMW, LW).

CAPE PIGEON *Daption capense*

Rurima Islets, 2 offshore on 16/8 (PCML). Wellington H, 1 near Petone on 26/11 (JLM, MM).

GREY-FACED PETREL *Pterodroma macroptera*

Keri Hill, Papakura, undated, 1 found and later released at Karioitahi (AJG *et al.*). Whale I, c. 35 000 breeding pairs laying and incubating on 8-15/7 (BS). Mt Maunganui, birds at colony on 2/8; 1 found alive in street in NE gale on 25/1 (PCML)

KERGUELEN PETREL *P. brevirostris*

Puketitiri, HB, 1 dead on farm 35 km inland on 13/9 (NB McK, KVT).

COOK'S PETREL *P. cookii*

L. Barrier I, 300 + offshore on 23/1 and heard each evening 23-27/1 (PFB).

BLACK-WINGED PETREL *P. nigripennis*

Cape Maria Van Diemen, c. 100 offshore on 26/1 (GW). Ohope B, 2 found dead on 6/1/86, the first confirmed record for this sp. in BoP (JD).

LESSER BROAD-BILLED PRION *Pachyptila salvini*

Ohope B, 1 dead on 10/8 (WMH). Whangamata, 1 dead on 13/9 (HS). These are the first confirmed records for this sp. in BoP.

PRION sp.

Foxton B, 50 passing on 29/11, 1 on 31/12 (JLM, MM). Lyall Bay, c.100 offshore on 13/7/85 (JRC).

BLACK PETREL *Procellaria parkinsoni*

L. Barrier I to Sandspit wharf, c.4 seen; 1 passing Te Titoki Pt on 23/1 (PFB).

BLACK PETREL sp.

Foxton B, 2 passing on 29/11, 1 on 22/12 (JLM, MM).

FLESH-FOOTED SHEARWATER *Puffinus carneipes*

Ahipara Bay, many round boat on 1/2 (AVH). L. Barrier I to Sandspit wharf, c.50 on 23/1 (PFB). Raglan, up to 4 present, Sep-Jan ARP. Tolaga Bay, 11 round boat 8 km offshore on 11/1 (GAF).

BULLER'S SHEARWATER *P. bulleri*

Ahipara Bay, many round boat on 1/2; Whareana Bay, North Cape, 150 per minute heading north during 2½ hours, on 7/2 (AVH). L. Barrier I, 200+ offshore on 23/1 (PFB). Tolaga Bay, continuous movement of single birds 8 km offshore on 11/1 (GAF). Cook Strait, c.6 on 5/3 (ATn).

SOOTY SHEARWATER *P. griseus*

L. Barrier I, 1, 7.5 km SW on 27/1 (PFB). Foxton B, 20 passing on 22/12, 50 on 24/5 (JLM, MM). Owhiro Bay, 1 offshore on 28/9/85 (JRC).

FLUTTERING SHEARWATER *P. gavia*

L. Barrier I, 1 possible heard with Cooks Petrels at night on 24/1 (PFB). Rurima Islets, c.300 offshore on 16/8 (PCML). Tolaga Bay, many groups of up to 20 birds, 5-8 km offshore on 11/1 (GAF). Foxton B, 10 on 29/11, 20 on 30/12, 50 on 24/5 (JLM, MM). Lyall Bay, c.1000 offshore on 13/7/85; Owhiro Bay, c.3500 offshore on 20/4/86 (JRC). Wellington H, c.50 off Taranaki St Wharf, and 10 in Boathouse inlet on 30/7 (JLM, MM).

LITTLE SHEARWATER *P. assimilis*

Tolaga Bay, 1 at 8 km offshore on 11/1 (GAF).

WILSON'S STORM PETREL *Oceanites oceanicus*.

Rurima Islets, 1 offshore on 6/4 (WMH).

WHITE-FACED STORM PETREL *Pelagodroma marina*

L. Barrier I to Sandspit Wharf, 12 on 27/1 (PFB).

AUSTRALASIAN GANNET *Sula bassana serratator*

Whareana B near North Cape, small flocks offshore flying north on 6/2 and 7/2; Ahipara B, 250 surface feeding among many gulls on 1/2 (AVH). L. Barrier I, 80+ feeding with shearwaters on 25/1 (PFB). Muriwai, colony active late Aug to Mar, including 40 nests on cliff top on 18/10 (GCE), and 88 nests at height of season (VJL); 7 nests on newly fenced lower cliff site (MJT). Coromandel Pen, 200+ heading north in formation between Stony B and Fletcher B on 29/12 (JVD). Opoutere, 3 entering harbour to fish on 30/5 (BB *et al.*). E Clive, c.200 flocking with juv Black-backed Gulls near large shoal of fish on 10/10; Napier, small groups along foreshore throughout year, sometimes seen fishing in Ahuriri E (KVT). Wellington H, seen all months except Aug, max, 3 on 31/3 (JLM, MM).

BLACK SHAG *Phalacrocorax carbo*

Manukau H winter census, 23; FoT census, summer 15, winter 56 (BB). Access Bay, 59 on 16/6 (BB *et al.*). Waikato, common on lakes and coast (MB *et al.*). Omokoroa, 8 on golf course on 14/6 (RC). Kaituna R mouth, 4 or 5 pr nesting in pine trees with Pied Shags; Kaituna Cut/Maketu area, 30 on 17/5; Matata, 16 on 19/7 (PCML). Waioeka E, 8 on 22/6 (WS). Wairoa R, 160 flying downstream at dawn on 26/5 (GAF). Porangahau E, 30 on 27/6 (JGH, RMH, BDH, HAR). HB river census: Ngaruroro R, 5; Tutaekuri R, 49; Tukituki R 36 on 25/10; Ahuriri E census, winter 35 on 5/7, summer 8 on 1/11; Tukituki E, c. 60 on 1/11 (PWT *et al.*). Manawatu E, 52 on 17/4; Whirokino, 20 nesting Nov/Dec (JLM, MM). L Horowhenua, 27 on 23/6; Ohau E, 16 on 25/2; Pukepuke Lag, 11 on 11/1 (LJD, MO, MO, WRJ). Pauatahanui Inlet, 31 on 11/8/85 (JRC). Wellington H, Petone to Ngauranga, maximum 8 on 7/4; Hutt R, maximum 6 at rail bridge on 7/4 (JLM, MM).

PIED SHAG *P. varius*

Auckland region, nesting colonies at L Barrier I, L Kuwakatai, McLean's Dam Taporā, Tawharanui, Whangaparaoa, Passage Rock, Western Springs, Hobson Bay (2), Panmure, Ponui I (MJT). Manukau H census, summer 133, winter 218; FoT census, summer 13, winter 44 (BB). Wairoa R. Clevedon, 22 on 1/1 (TRH). Waimai, 2 on 1/8 (SR). Kiritihē, reported on 12/10 (FN *et al.*). Kawhia H, 6; Aotea H, 4; Raglan H, 8 on 27/6 (ASR *et al.*). Kaituna R mouth, nesting colony in pines occupied all year; highest count 43 birds on 22/11; Matata, 21 at roost on beach on 6/7 (PCML). Otamarakau, 20 at roost on beach on 1/1 (PB). Rurima Islets, colony on largest islet on 16/8; Whale I., colony in MacEwan's Bay, large chicks in nests on 16/8; Whakatane R mouth, 15 on beach on 23/11 (PCML). Waioeka E, 14 on beach on 22/6; Opape, 56 on rocks offshore on 22/6 (WS).

LITTLE BLACK SHAG *P. sulcirostris*

Ngunguru R, 2 on 9/5/86 (BW). Wenderholm, fishing flocks of 168 on 15/7 (VJL). Waitemata H 141 in Little Shoal Bay on 15/8 (JED); Hobson Bay, 60 flying to roost on 20/5 (MJT). Manukau H census, summer 4, winter 191; FoT census, summer 16, winter 1, but 11 at Pukorokoro Creek on 22/3 and 5 at Access Bay on 6 and 17/5 (BB, AJG). Port Waikato, 61 in late winter (PF, AVS). L Rotorua, Hamilton, 2 on 20/9 (MB); L Ngaroti, 12 on 13/10 (GB); L Karapiro, present on 12/6 (ARP, BS). Maungatapu, Tauranga, c.150 on power pylon on 14/6 (JD); Welcome Bay, 254 roosting on bank on 14/6 (LB). Wairoa R, 21 on 15/7; 2 groups of 27 and 42 on 14/6 (GAF). Porangahau E, 20 on 27/6 (JGH, RMH, BDH, HAR). Ahuriri E census, winter 11 on 5/7, summer 81 on 1/11; Tukituki E, c.130 roosting at low tide on shingle on 4/12 (KVT). Manawatu E, 72 on 17/4; Whirokino, 25 on 20/9; Foxton Loop, 1 on 2/11 (JLM, MM). L Horowhenua, 82 on 23/6 (WRJ). Wellington H, Petone to Ngauranga, present most months with maxima of c.20 on 5/8 and c.30 on 10/4 (JLM, MM).

LITTLE SHAG *P. melanoleucos brevirostris*

Aupouri Pen survey, 61 in Jan (AVH). Auckland, Hobson Bay colony had 11 nests in Nov (MJT). Manukau H census, summer 2, winter 25; FoT census, summer 5, winter 2 (BB, AJG); Access Bay, 10 on 17/5 (RBS). Taharoa, 15 nests on Harihari Stacks on 9/1 (SC). HB river census:

Ngaruroro R, 12, Tutaekuri R, 7, Tukituki R, 9 on 26/10; Ahuriri E census, winter 32 on 5/7, summer 24 on 1/11 (KVT). L Roto-o-kiwa, 16 including 2 nesting pairs on 27/9 (JLL, KVT). Porangahau E, 14 on 27/6 (BDH, JGH, RMH, HAR). Pauatahanui Inlet, 64 on 11/8/85 (JRC). Wellington H, Petone to Ngauranga, maximum 24 on 26/5 (JLM, MM).

SPOTTED SHAG *Stictocarbo punctatus*

Hauraki Gulf, 380 roosting on Skully's Reef on 2/1 (TRH). Thames coast, north of Te Mata, flocks of 355, 14, 543, 91, 51, totalling 1054, on 4/8 (VL). Kokonga West, south of Waikato R mouth, 47, 10 nests, 3 chicks nearly fledged on 16/11 (DMW *et al.*). FoT, Tarata Pt, c.220 on 29/6/86 (RBS, SMT); 200+ on 1/6, many with partial, and a few in full nuptial plumage (BB). Clive outfall, 20 on 13/7 (PWT, MT), showing breeding plumage by 3/9 (KVT). Manawatu E, 1 imm. on 15/3; Wellington H, Petone to Ngauranga, single birds on 31/10, 11 and 28/11, 8/1, 18/5 (JLM, MM).

LESSER FRIGATE BIRD *Fregata ariel*

Motuora I., one found dead on ridge on 8/2 (TRH).

WHITE-FACED HERON *Ardea novaehollandiae*

Whangaumu Bay, maximum 8 on 23/3/86; Whangaroa, 40+ on 21/4/86 (BW). Manukau H, census, summer 228, winter 259. Partial albino, as seen on 19/11/86 still present winter 87 at Gordons Rd, Waiuku (BB). FoT census, summer 245, winter 146 (BB, AJG). Coromandel Pen, Preece's Pt, 23 on 3/5; Matarangi Spit, 45 on 27/5 (AP). Clevedon, North Rd, 15 nesting in pines on 12/7 (AJG). Matahui Pt, 102 at roost on mangroves at high tide, on 8/11 (PCML). Omokoroa, Golf Course, 51 on 8/11 (NS). Maketu, maximum 70 on 22/11 (WMH, PCML); Little Waihi, 53 on 22/11 (RG); 18 on 23/5 (PCML). Ohiwa H, 111 on 27/11 (WMH); c.200 on 21/6 (JD). Waiotahi E, 35 on 21/6 (WS). Whale I, 1 on boulder bank on 9/7 (BS). Muriwai, Wherowhero Lag, 34 on 15/11 (BGJ, SCJ). HB river census: Ngaruroro R, 10, Tutaekuri R, 13, Tikituki R, 33 on 25-26/10; Ahuriri E, winter 18 on 5/7, summer 33 with some nesting in nearby trees on 1/11 (KVT). Levin, Sand Rd, 61 on 15/8 (WRJ). Foxton, 22 on 5/7; Foxton B, 55 on 2/5; Whirokino, 30 on 21/6 (JLM, MM). Pauatahanui Inlet, 21 on 19/10/85 (JRC).

WHITE HERON *Egretta alba*

Awanui, Unahi Rd, 1 with Cattle Egrets on 22/6/86 (MH). Kaipara H, Jordan's Farm, 4 on 13/7 (GJA); South Kaipara Pen, 2 on 10/5 (CE). Manurewa, Wattle Downs, 1 on 27/11 (B. Hooper *per* BB). Papakura, Bottletop Bay, 1 on 29/1 (AJG); Pahurehure Inlet, 1 on 2/2 (JVD). Wairoa R, Clevedon, 1 on 21-22/1 (O. and G. Goodin *per* TRH). Access Bay, FoT, 1 from 30/4 to 16/6; also visited nearby tidal creeks (RL); still present on 13/7 (BRK). Kopuku Swamp, Maramarua, 1 wearing plumes on 29/8 (BB). Port Waikato, 2 from May until at least 27/7 (BB, TH *et al.*). Matamata, 1 on 9/5 (RJJ). Matata, 1 on 6/7, 2 on 19/7, 26/4 and 21/6 (PCML). Waiaua E, 1 on 27/4 and 22/6 (WS). Whakaki Lag, 1 on 10/4; 2 on 10/5; still present on 14/6 (GAF). Napier, Anderson Park, 1 in breeding plumage on 19/8 (KVT); E. Clive, Muddy Creek, 1 on 15/4 (ARG, KVT); Ahuriri E, 1 on 9/6 (KMW, LW). Waikawa, 1 on 2/7 (MO, MO); Foxton Loop, 1 on 18/10; Whirokino, 1 on 21/6 (JLM, MM); Ohau, 1 on 22/6 (WRT, MO, MO). Manawatu E, 1 on 28/6 (GG, LJD).

Correction: Foxton Loop, 3 on 21/7/85, not 10 birds as stated in *Notornis* 34:123 (WRJ).

LITTLE EGRET *E. garzetta*

Paua, 1 on 4/3 and 12/4 (AMN, JS, MS). Kaituna Cut, 1 between 4/11 and 22/11 (NS, PCML). Manawatu E, 1 on 1/3 (LJD).

REEF HERON *E. sacra*

Northland, numerous sightings of single birds and some pairs along eastern coastline from Whangauumu Bay to Ruakaka E (PA, AJG, PCML, BW). Auckland Region, 20 reports of 1 or 2 birds (MG). Manukau census, nil. FoT census, nil. Coromandel Pen, reports from 16 localities on east and west coasts south to Otahu Est and Thames respectively; breeding at Flaxmill Bay (2 well-grown chicks) and Opoutere (JP, HMS) and pairs at Stony Bay, Jack's Point and Whangamata; Great Mercury I, 2 separates (VL, TH). Kawakawa Bay 1 on 15/6/86 and 29/6/86 (RBS, TGL, SMT). FoT, Waharau, 1 on 13/7 (BB, DGB). Tarata Point, 1 on 1/6 (BB). Waiaro Bay, Clevedon, 2 on 26/4 and 1/5 (TRH). Awhitu Pen, Te Toro 1 on 7/6 (BB). Port Waikato, 2 separates on 3/8 (RL). Kokonga West, 1 on 16/11 (JVD, DMW). Waikato Region, reported from Waikorea, Raglan H, Kawhia H, Taharoa, Kiriteheri (SC, KJ, RJL, FN *et al*, ARP, ASR). Waihi B, 1 on 2/11 (BS). Sulphur Point, 2 on 24/5 (BC), 1 on 14/6 (LB); Hairini, Tauranga, 1 on 27/5 (NS) and 14/6 (DI); Matahui Point, 1 on 14/6; Kaituna Cut/Maketu, several singles reported and 2 on 30/5; L Waihi E, 1 on 23/5 (PCML). Whakatane Heads, 1 on 12/3 (RMW); Ohiwa H, 2 on 27/11 (WMH) and 1 on 4/4 (RMW); Waiotahi E, 1 on 21/6; Waiaua E, 1 on 22/6; Opape, 1 on 22/6 (WS). Ahuriri E, 1 seemingly resident bird recorded in winter and summer counts for past 10 years (KVT). Wellington H, Petone to Ngauranga, frequent sightings of singles Oct-Jan and April-May; Queen's Wharf, 2 on 5/6 and 6/6 (JLM, MM).

CATTLE EGRET *Bubulcus ibis*

Awanui, Unahi Road, 110 May to mid-June (MD), 75-80 on 22/6 (MH). Ruawai, flocks of 78 and 150 on 18/5/86; Oakleigh, 90 on 14/7 (BW). Orewa E, 32 on 25/8 (JED). Parakai, 120 on 10/8, 10 on 13/4 (CE). Mangere, 22 on 8/8 (NR, JED), 1 with some colour on 1/2 (NR, JED, RBS). Great Barrier I, Whangaparapara, 1 on 1/5 (GS). Clevedon, Quarrie's Farm, 1 on 26/5 (PF). Kingseat, 6 or more reported to have "returned recently" on 14/4 (BB). Karaka, 1 on 28/4 (RL). AkaAka, 125 on 6/7, 211 on 20/7, 291 on 17/9 (BB, DGB, JVD, AJG, NCP, RP); 15 on 10/4, 57 on 5/7/87 (BB, BJB, ME, AJG). Piako, c.200 on 28/9 seen by Canadian visitors (RBS). Ngatea, Horohia Rd, 57 on 5-12/6 (earlier records: 1 in 1984, 13 in 1985) (H. Wright *per* HMS). Onewhero, near golf course, 1 carrying sticks into tree (AS). Ohinewai, maximum 480 on 23/8 (FN *et al.*); 160 on 7/6 (ARP). Rototuna, 15 remained until Nov; 3 on 30/4 (BRK); 11 on 18/5 (BL). L Ngaroto, 21 on 9/5 (ARP). Mokau R, 6 on 30/3 (RS). Katikati, 15 on 9/8 (BC). Kaituna Cut/Maketu 32 from 28/8 to 1/11, 9 on 9/11, 4 well coloured on 22/11 (PB, JD, RG, PCML, NS); Maketu, 26 on 17/5, 27 on 23/5 (PCML); Awaitei Wetlands, 86 on 19/7 (PCML), 14 on 30/6 (RMW). Opotiki, Kukumoa, 15 on 2/5, 31 on 21/6 (WS). Nuhaka, 3 on 23/10, not seen again (GAF). HB, Te Tua Station, 16 on 23/8 (PWT, MT), 10 in breeding plumage on 16/11 (PWT, MT, NL). Waipukurau, 24 on 24/8, colouring up by 28/9;

16 still in area on 2/11 (CMcR). L Horowhenua, 107 in May 86 (DS); 60 on 21/8; 28 throughout summer, 38 on 8/4, 73 on 21/5 (WRJ, MO); Whirokino, 250 on 15/6 (WRJ, RS, PS), 200 on 5/10 (JLM, MM). Woodville, Troupe Rd, 60 on 23/8 (PM). Otaihangā, 12 on 1/4/86 (PMcK). Levin, 3 on 4/4/86 (WRJ). Waimeha Lagoon, 9 on 6/4/86 (RB, DB). Tuhitanga, 25 in May 1986 (DS).

AUSTRALASIAN BITTERN *Botaurus stellaris poiciloptilus*

Maungaraho Reserve, 1 on 22/6/86 (BW). Waiotira, Manganui R, 2 on 2/5/86 (PA). Omamari, 1 on 19/7 (BW). Auckland region, reports of 1-4 birds from 6 sites (MG). Waikato R, Maioro, 1 on 20/7 (BB). Port Waikato, 1 seen eating worms on 3/8 (MG,SG). Kopuku, Finlayson Rd, 4 seen on 5/4 (BB, JVD, RL). Piako, 1 on 19/7 (DAL). Taupiri, Komakorau Stream, 1 on 28/5 (BRK). Waikato Lakes, reports from L Serpentine on 12/3 (ARP), L Ngaroto on 3/5 (RD), L Taharoa on 16/11 (ARP, BS), L Harihari on 20/12 (SC). Kiritehere, 3/10 (BS). Matata, 1 or 2 seen on 6/7, 19/7, 26/4 (WMH, PCML). Tukituki E, 1 flushed from grass on 4/7 (KVT). Muddy Creek, East Clive, 3 flushed from rushes on 18/4 (PWT). Foxton Loop, 1 on 19/4 (JLM, MM). L Horowhenua, 2 on 11/6.

ROYAL SPOONBILL *Platalea regia*

Mangere oxidation ponds, 2 on 30/8/85 (GT); 9 on 5/10 (DGB, MJT), 1 on 30/11 (DGB), 10 including 7 juvs on 15/5 (PFB); Puketutu tidal flats, 6 on 29/5/86 (RBS,SMT). FoT, Access Bay, 1 on 16/6 (RL). Coromandel wharf, 1 on 27/5 (AP). Kaituna Cut, 3 using as roost pines occupied by Pied Shag colony between 28/8 and 14/10; still present on 23/5, copulation and 'half-hearted' nest-building among Pied Shags during Nov/Dec (PB, PCML, NS). Muriwai Lag, 1 on 15/11 (BGJ, SCJ). Nuhaka E, 1 on 3/5 (GAF). Ahuriri E, 9 on 5/7, 7 on 31/8; first sighting in 1987, 5 on 9/5 (PWT, MT); 13 on 9/6 comprising 5 adults and 8 immes (PWT, KMW, LW). Porangahau E, 2 on 27/6 (BDH, JGH, RMH, HAR). Ohau E, 1 on 7/7 (WRJ), 3 on 29/6/86 (RGP). Wanganui, 3 on 23/2 (PFB, GR, OT). Manawatu E, 38 on 5/6, 35 on 28/6 (LJD).

MUTE SWAN *Cygnus olor*

L Poukawa, 11 on 27/6 (MT, PWT).

BLACK SWAN *Cygnus atratus*

Coromandel Pen, Matarangi Spit, 136 on 27/5 (AP). Tuakau oxidation ponds, 150 on 12/7 (AJG, JVD *et al.*). Port Waikato, up-river c. 3 km, hundreds on 3/8 (BB *et al.*). Hamilton, L Rotorua, 106 adults and 15 cygnets on 20/9 (MB). L Taharoa, c. 300 adults and 6 cygnets on 16/11; 600 on 30/5 (ARP, BS). Tauranga H: Matahui Point, 239 on 8/11, c. 1000 on 14/6 (PCML) Sulphur Point, 200 on 14/6 (LB); Aerodrome Bay, 183 on 14/6 (PCML). Matata, 39 on 19/7, 100 on 26/4 (PCML). Whakaki Lag, maximum 1040 on 24/1 (GAF). Ahuriri E, 64 on 5/7; 77 on 1/11; L Poukawa, 400 + in July 86; Porangahau E, 81 on 16/11 (KVT). L Horowhenua 2050 in June 86; 891 on 23/6 (WRJ). Puke Puke Lag, 110 on 11/1 (LJD *et al.*). Kaitoke Lake 136 on 8/3 (PFB, GR, OT). Foxton No. 1 Lake, 170 on 3/5; Foxton Loop, 24 on 19/4; Manawatu E, 25 on 2/5; Whirokino, 50 on 21/6 (JLM, MM). Wellington H, Petone, 5 on 22/1; 1 on 22/5; Hutt R, 2 at rail bridge on 20/8 (JLM, MM).

CANADA GOOSE *Branta canadensis*

Manukau H, Bottletop Bay, 3 flew in on 8/3 (BB *et al.*). Tuakau oxidation ponds, 7 on 12/7 (AJG, JVD *et al.*). Awhitu Pen, L Pokorua, 6 on 1/6 (MG, SG). Kopuku, Finlayson Rd, 1 apparently male on guard, chasing other birds away on 28/9 (BB). Limestone Downs Station, South of Port Waikato, 10 on 16/11 (DMW, who suspects interbreeding with feral geese). Hamilton, L Rotorua, 2 on 20/9 (MB). Kaituna Cut/Maketu, 11 on 12/10; 19 on 1/2; 26 on 23/5 (PCML); L Waihi R, 23 on 22/11; c. 60 on 23/5 (RG, PCML); Matata, 5 on 19/7, 6 on 26/4 (PCML). Whakaki Lag, 1197, including 262 juvs, on 6/1; Ohuia Lag, 269, including 160 juvs, on 6/1 (GAF). Tukituki R, 1 on 19/10 (PWT, MT, JGH, RMH). Long Ridge Lake, HB, 32 on 25/1 (BDH). Puke Puke Lag, 33 on 11/1 (LJD, WRJ); L Horowhenua, 2 on 2/8 (WRJ, JLM, MM); Foxton No. 1 L, 7 on 31/1 (JLM, MM). Wellington H, Hutt R to rail bridge, 6 present Feb to April, 5, May-June (JLM, MM).

PARADISE SHELDUCK *Tadorna variegata*

Aupouri Pen survey, 1520 in Jan (AVH). Mimiwhangata, 32 on 11/11 (AJG). Whananaki South, 40 on 8/6/86 (BW). Orewa SP, moult flocks of 200-300 birds in Jan-Feb; Kaipara, L Poakawau, moult flocks of 200-300 birds in Jan-Feb (GAP). Red Hill, Papakura, pair apparently prospecting territory on 17/7 (BB); Papakura, Dominion Rd, nest with 5 eggs on 16/11 (one reared previous year) (JP). Moumoukai, Hunua Ranges, 1 pair near water supply dam (BB). Coromandel Pen, Matarangi, 32 on airport on 27/5 (AP); Opoutere, 2 pairs and single bird disputing territory on 25/10, and 67 present on 30/5 (BB *et al.*). Kaawa, south of Waikato R mouth, 73 on 16/11 (DMW). L Whangape, 450+ on marginal flats on 5/4 (BB *et al.*). Wharekawa, FoT, female with 6 well-grown young on 7/11/85; Mataitai, 13 on 15/12/85; Mangere, 12+ during May 85 (RBS, GE). Waikato region, particularly common on hill country farms in west of region (RC, KJ, FN *et al.*, L Harihari, maximum 172 on 20/12; L Nukumiti 75 on 30/12 (SC). Waikawau, 47 on 11/10 (FN *et al.*); Maketu, 2 on 22/11; Matata, 18 on 19/7, 25 on 21/6 (PCML). Ohiwa H, 37 on 23/11 (JD). Whakaki Lag, c.1260 on 24/11, c.1800 on 21/14 (GAF). HB river census on 25-26/10: Ngaruroro R, 150; Tutaekuri R, 47; Tukituki R, 431. Ahuriri E, 5 on 5/7, 152 on 1/11; Waimarama Rd Lag, c.106 including 50% imm on 22/1 (KVT). L Horowhenua, 20 on 23/6 (WRJ). Puke Puke Lag, 8 on 11/1 (LJD). Foxton, Round Bush, 2 on 2/8; Foxton No 1 L, 4 on 21/12; Foxton B, 2 on 2/5; Otaki, 8 north of town on 4/1 (JLM, MM). Pauatahanui Lag, max 14 on 24/5; 10 on 21/6, including a male with white eye ring (JLM, MM).

CHESTNUT-BREASTED SHELDUCK *Tadorna tadornoides*

Pauatahanui Lag, a pair on 2/11 (JLM, MM).

MALLARD *Anas platyrhynchos*

Mimiwhangata, 3 on 11/11 (AJG). Whakaki Lag, c.2900 on 24/1, max c.6200 on 21/4 (GAF). Ahuriri E, 668 on 5/7, 196 on 1/11; Waitangi, HB, c.260 on 5/7, 107 on 1/11; HB river census on 25-26/10: Ngaruroro R, 31; Tutaekuri R, 59; Tukituki R, 273 (KVT). Porangahau E, 100 on 27/6 (BDH, HAR, JGH, RMH). L Horowhenua, 1742 on 23/6 (WRJ). Puke Puke Lag, 80 on 11/6 (LJD). Manawatu E, 1000+ on 2/5, 250 on 5/6 (JLM, MM).

GREY DUCK *Anas superciliosa*

Matata, max 60 on 19/7 (PCML). Elsthorpe Domain, HB, 1 with 10 young giving 'broken-wing' display on 5/10; Tukituki R, 2 on 25/10 (KVT). Manawatu E, 1 on 2/5 (JLM, MM).

GREY TEAL *A. gibberifrons*

Aupouri Pen survey, 7 in Jan. (AVH). Mangere, 36+ among tidal pools on 29/5/86 (RBS, SMT), 150 on 28/5 (GJA). Karaka, 22 on 14/6 (BB). Tuakau SP, 158 on 12/7 (JVD). Waikato R, Maioro, 16 on 20/7 (BB). FoT Access Bay, 5 on 6/2 (BB). Kaituna Cut, 2 on 1/2, 93 on 17/5 (PCML). L Rotorua, Sulphur Pt, 4 on 12/3 (JLM). Whakaki Lag, 10 on 21/4 (GAF). Ahuriri E, 238 on 5/7, none on summer census 1/11; c.400 on Southern Marsh in shooting season, 9/5; HB river census on 25-26/10: Ngaruroro R, 4; Tutaekuri R, 5; Tukituki R, 17 (KVT). L Roto-o-kiwa, c.13 on 27/9 (JLL, KVT). Long Ridge Lake, 24 on 25/11 (BDH). Porangahau E, 7 on 27/6 (BDH, HAR, JGH, RMH). Kaitoke L, 3 on 23/2 (PFB, GR, OT). L Horowhenua, 10 on 23/6 (WRJ). Manawatu E, 3 on 2/5, 167 on 21/6 (JLM, MM). Pauatahanui Lag, 6 on 24/5 (JLM, MM).

BROWN TEAL *A. aucklandica chlorotis*

Whananaki North, 12 on 18/6 (BW). L Rotorua, Sulphur Point, 1 with Grey Teal on 12/3 (JLM).

NEW ZEALAND SHOVELER *A. rhynchotis*

Aupouri Pen survey, 22 in Jan (AVH). Mangere SP, 1 pair on 12/5/86 (GNA, RBS). Tuakau SP, 67 on 12/7 (AJG, JVD). Waikato R: Maioro, 61 on 17/5; Te Kohanga, 50+ on 3/8 (BB). Hamilton, L Rotorua, 5 on 21/6 (MB). Matata, max 300 on 9/7 (PCML). Whakaki Lag, max c.250 on 24/1 and 21/4 (GAF). Ahuriri E, 245 on 5/7, 38 on 1/11 (KVT); Westshore Lag, 300+ on 1/6 (MT, PWT); Waitangi, c.50 on 5/7, 4 on 1/11; HB river census on 25/10: Tukituki R, 15 but more on Ngaruroro or Tutaekuri Rs; L Poukawa, 200+ in July (KVT). Porangahau E, 4 on 27/6 (BDH, HAR, JGH, RMH). L Horowhenua, 480 on 23/6 (WRJ). Manawatu E, 50 on 2/5 (JLM, MM). Puke Puke Lag, 107 on 11/6 (LJD). Pauatahanui Lag, 4 males and 1 female, on 24/5 (JLM, MM).

BLUE DUCK *Hymenolaimus malacorhynchos*

Mangleton, HB, 1 on farm dam after recent strong winds (JRB). Tongariro NP, 1 near Whakapapa camping ground on 18/1 (BRK).

NEW ZEALAND SCAUP *Aythya novaeseelandiae*

Pouto Pen, Round Hill, 1 on 11/10 (BW). Waiwera, Staka's Refuge, 12 on 13/7 (VJL), 14 on 27/11 (JED). L Taharoa, 71 on 16/11 (ARP, BS). L Harihari, 8 on 20/12; L Rotorua, Taharoa, 7 on 30/12; Taharoa steel works, 12 including 2 ducklings on 30/12 (SC). Sulphur Pt, L Rotorua, 50 males and 6 females on 1/12; c.200 on 12/3 (JLM). Matata, maximum 147 on 27/8 (PCML). L Titira, 60+ on 26/4 (CFMcR, KVT). Kaitoke L, 7 on 23/2 (PFB, GR, RT).

AUSTRALASIAN HARRIER *Circus approximans*

Papakura, Red Hill, one calling strongly on 1/7; Awhitu Pen, pair calling and courting on 20/7 (AJG). Whale I, 3 between 8 and 15/7 (BS). Ahuriri E census, 6 on 5/7; 5 on 1/11. Breeding and roosting occurs in rushes, especially

in northern pond area (KVT). HB river census, 25-26/10: Ngaruroro R, 12; Tutaekuri R, 3; Tukituki R, 48 (KVT). L Horowhenua, 10 on 23/6 (WRJ).

NEW ZEALAND FALCON *Falco novaeseelandiae*

Awhitu Pen, Irwin's Gap, one chasing magpies on 6/3; first seen in this area (VMR). Waikato Region: records from Paterangi in Nov, Rangitoto Range on 17/4 (RD), Waitomo on 10/3 (SCh), Tawarau Forest on 2/5 (BW). Matata, 1 very dark bird gliding low over dunes in NW direction, on 21/6 (PCML). Matahina, 1 chasing myna across road on 24/5 (RMW). Waiaua E, 1 on 22/6 (WS). Clifton, HB, 1 chasing flock of small birds on 18/6 (ARG, BMT, KVT). Tongariro NP, 1 near Taranaki Falls on 21/1 (BRK). Manawatu E, 1 on 28/6 (LJD, RGG). Aokautere, 1 on 5/5 chasing small bird (LJD). Ruahine Range, 1 on 17/8 (RAC). Te Marua, 7 records of single birds and pairs seen between Aug and Dec 1985; 1 juv chased by tuis and magpie on 26/6/86 (SBL). Lower Hutt, 1 in Guthrie St on 5/10 (JLM, MM).

NANKEEN KESTREL *Falco cenchroides*

Gisborne, 1 seen catching and eating House Sparrow in botanical gardens on 1/11 (JCH, MW).

RED-LEGGED PARTRIDGE *Alectoris rufa*

Helensville area, 600 released by Auckland Acclimatisation Society during 1986 (MJT). Awhitu Pen, Pollok Spit, pair seen on 2/11; 500 released in April; local farmer reported 7 pairs (JP).

BROWN QUAIL *Synoicus ypsilophorus*

Whitford Forest, 1 on eastern fringe on 20/10 (AJG). Pukekohe West, small coveys in horticultural areas, April 86 (DAL). Coromandel Pen, pair seen from Route 309 on 9/11; also present in occasional flocks at Whangapoua (E. Pratt). Kaituna Cut, 1 on 12/10, 5 on 17/5; Ohope Spit, 4 on 21/6 (PCML).

CALIFORNIA QUAIL *Lophortyx californica*

Kaikohe, reported as common (TT). Papakura, still present at Red Hill (BB). Clevedon, heard in orchard on 23/9 (AJG). Kopuku, Finlayson Rd, 25 + on 5/4 (BB). HB river census, 52 + on Tukituki R on 25/10; Haumoana B, 1 feeding along shingle on 15/4 (KVT).

PHEASANT *Phasianus colchicus*

HB river census, 1 on each of the Ngaruroro, Tutaekuri and Tukituki Rs, 25-26/10 (KVT).

PEAFOWL *Pavo cristatus*

S. Kaipara Pen, well-established feral population (MG, SG).

BANDED RAIL *Rallus philippensis*

Matapouri, reported sightings by locals, mid 1987 (PCML). Onerahi, Beach Rd, heard calling throughout year (PA). Clevedon Cruising Club, Wairoa R, 1 with quarter-grown chick on 1/11 (R. Andrews per TRH); max 4 seen on 19/1, including 1 bathing (TRH). Coromandel Pen, Whangapoua, single birds on 23/7 and 8/1 (E. Pratt, DMW); Opoutere, 1 by beach carpark on 30/5 (BB *et al.*). Te Maunga, BoP, single birds seen 6 times Feb-June (NS). Maketu, pair with 5 small chicks foraging on mudflat on 9/11 (RG); 4 adults with 2 chicks on mudflat on 22/11; 1 adult with fully fledged

juv on 14/2, 2 adults on 17/5, 1 on 23/5 (PCML). Matata, 1 foraging at edge of lagoon on 21/6 (KS). Waiohahi E, 1 on 20/6 (WMH).

MARSH CRAKE *Porzana pusilla*

Matapouri, reported sightings by locals, mid 1987 (PCML).

SPOTLESS CRAKE *P. tabuensis*

Moumoukai, Hunua Ranges, birds answered taped calls (DGB). Whangamarino, Lake Rd, 2 pairs responded to tapes on 5/4 (BB). Waikato R, Frost Rd, 1 "purring" on 11/5/86 (RBS, TGL). Waikato Region: reports from L Serpentine, on 12/3 (ARP); L Ngaroto, on 6/5 (RD). Ruapuke, on 24/5 (JR, SR). Kiritehere, on 12/10 (FN *et al.*). Foxton, Round Bush, 1 heard on 21/12; Foxton, No. 3 Lake, 3 heard on 1/1 (JLM, MM).

PUKEKO *Porphyrio p. melanotus*

Mangere, Drainage Board ponds, 1 swam to tiny rock islet to settle on nest, mate waited nearby (BB). Ahuriri E, 32 on 5/7, 7 on 1/11; L Poukawa, c. 130 in July (KVT). L Horowhenua, 51 on 23/6 (WRJ).

AUSTRALIAN COOT *Fulica atra*

Auckland, Western Springs, 7 pairs nested in late 86, hatching 19 young (VJL). Mangere Ponds, 1 on 6/8 (MJT). L Kereta, S. Kaipara, 1 on 7/4 (GJHM). Hamilton, L Rotorua, 178 on 20/9 (MB). L Tutira, c. 200 on 26/4 (KVT).

SOUTH ISLAND PIED OYSTERCATCHER

Haematopus ostralegus finschi

Waikaraka, 4 on 29/7; Parua Bay, 2 on 29/7; Tikonui, 30 on 12/4 (BW). Whangaparaoa Pen, Army Bay, c. 60 after gale resting and feeding on pasture on 4/9/85 (RBS). Manukau H census, summer 3035, winter 26 700; the winter population continues to increase (BB). FoT census, summer 1712, winter 6274; but "3 roost" total 9060 (Limeworks, Access Bay, Taramaire) on 17/5 (AJG, BB). Coromandel H, 25 on 26/10 (LB). Opoutere, 1 accompanying local VOCs, Jan 87 (BB). Matarangi Spit, 42 on 27/5 (AP). Aotea H, 10 on 22/11 (FN *et al.*), winter max 611 (ASR *et al.*); Kawhia H, 726 on 22/11 (FN *et al.*), winter max 1665 (ASR *et al.*). Raglan H, 408 on 27/6 (ASR *et al.*). Bowentown shellbanks, 76 on 8/11, 443 on 14/6 (BC). Sulphur Point, 95 on 14/6 (LB, DI); Aerodrome Bay, 167 on 14/6 (PCML); L Waihi, max 10 on 3/1 (PB, RG, PCML); Maketu, 1 on 1/2 and 30/5 (PCML). Ohiwa H, c. 200 between 23/5 and 21/6 (JD, WMH, WS). Mahia, Orakea E, 2 between 23/10 and 24/1, 1 on 28/6 (GAF). Ahuriri E, 16 on 5/7, 3 on 1/11; HB river census on 26/10 recorded 4 pairs on Ngaruroro R with at least 3 pairs showing breeding behaviour, two nests each with 2 eggs apparently were unsuccessful (PWT, MT). Ohau E, 10 on 25/2 (MO, MO, WRJ). Wanganui, 1 on 28/7 (PFB, GR, RT). Manawatu E, 5 on 1/3 (RAC, SEC, *et al.*), 85 on 17/4 (JLM, MM), 17 on 26/8 (MO, MO).

VARIABLE OYSTERCATCHER *H. unicolor*

Northland, numerous records from east coast north of Whangarei, mostly pairs; Whananaki S, 8 on 8/6 and 24/8; Pataua S, 100 on 2/3 and 25/3; Ngunguru, 8 on 29/3 (BW, AJG). Manukau census, summer 3, winter 4 (AJG, BB). Waikato R mouth, north side 4 pairs; up-river beach 9 (BB). FoT census, summer 1, winter 15. Coromandel Pen, Stony Bay, 2 on 29/12; Waikowhau, 9, 1 nesting pair on 1/1; Kennedy Bay, 20 on 4/1 (JVD);

Matarangi Spit, 51 on 27/5 (AP); Cook's B, 5 pair on 3/2 (JP); Preece's Point, 108 on 24/3, 27 on 3/5 (AP); Tairua, 6 pair, 1 with 2 small chicks on 28/2 (JP); Opoutere, 59 on 13/7, 52 on 30/5 (BB *et al.*); Whangamata, '86, pair nested on rope on deck of 30ft fishing boat, but abandoned when boat went on slip (HMS); 11 on 30/5 (BB); Otahe E, 18 on 30/5 (BB *et al.*). Waikato Region: breeding recorded at Waikorea (2 pairs), Ruapuke (2 pairs), Kawhia, Taharoa (4 pairs) (SC, FN, ARP, ASR, JMR). Winter census on 27/6: Raglan H 6, Aotea H 18, Kawhia H 5 (ASR *et al.*). Waihi B, 2 on 2/11 (BS). Bowentown shellbanks, 22 on 8/11, 25 on 14/6 (BC). Omokoroa golf course, 2 on 8/11 (NS). Sulphur Point, max 21 on 14/6 (BS, AMcC, LB); Matakana I, south end, 29 on 16/11, 4 nests with 2-4 eggs (NS); Aerodrome Bay, 4 on 14/6 (PCML). Maketu, 36 on 28/8 (PB) 7 pairs with numerous scrapes, a nest with 1 egg on 12/10, 10 pair with 2 downies and 1 nest with 3 eggs on 22/11 (PCML). Kaituna Cut, 4 on 22/11, 3 on 17/5, Pair seen mobbing harrier at 300 m above nest, ¼ km from river mouth on 1/2; same pair collecting shellfish and flying 100 m to feed 3 downy chicks hidden in reeds on 14/2 (PCML). L Waihi, max 52 on 17/5 (PB, RG, PCML); Otamarakau, 2 pair on 6/7 and 21/6; Herepuru Stream mouth, 1 pair on 6/7 and 27/8; Pikowai, 1 pair on 27/8; Tarawera R mouth, max 3 on 19/7, including bird with entire head and neck speckled white, resident here for many years; Rangitaiki R mouth, maximum 9 on 19/7 (PCML). Whale I, 2 pair in Boulder Bay on 8/7 (BS). Whakatane R mouth, 7 on 23/11, 6 on 21/6; Ohope Spit, 28 adults, 6 nests with eggs, 1 downy on 23/11, 14 on 23/5 (PCML). Ohiwa, 12 on 21/6 (JD, WS). Maraetotara Stream mouth, 40 on 14/6 (WMH); Waiotahi E, 4 on 21/6 (WS); Waioeka E, 2 on 22/6 (WS); Waiawa E, 4 on 4/7, 10 on 22/6 (WS). Tolaga Bay, white bird still present on 21/6 (GAF). Murwai Lag, 23 in Nov (BGJ, SCJ). Mahia, Oraka E, maximum 13 on 29/6 (GAF). Ahuriri E, 3 on 31/5 (ACS, ARG); Te Awanga, 4 on 18/6 (BMT, KVT). Poranghau E, 6 on 16/11, 7 on 27/6 (BDH, HAR, JGH, RMH). Turakina E, 3 on 14/3 (PFB, GR, OT). Manawatu E, 26 on 26/8 (MO, MO), 10 on 6/10 (JLM, MM); Ohau E, 41 on 25/2 (MO, MO). Petone/Ngauranga, max 14 on 17/3 (JLM, MM).

SPUR-WINGED PLOVER *Vanellus miles novaehollandiae*

Kerikeri Pen, 2 on 4/6 (PA). Trounson Park, 2 on 18/5 (BW). Maunganui Bluff, 4 on 19/7 (BW). Manukau census, winter 7 (AJG). Ardmore, pair with half-grown chick on 14/10, first sighting in area (R. Munro *per* AJG). Wairoa R, 5 on freshly mown field on 28/12 (TRH). Mataitai, 1 incubating on 19/7 (TGL). FoT, Limeworks 7, Taramaire 6 on 17/5 (RBS, AVS). Maioro, 12 on 7/6 (BJB, ME). Lower Waikato, Frost Road, 25 in potato field on 11/5/85 (RBS, TGL). Waikato Region, widespread (ARP *et al.*). Sulphur Point, 6 on 14/6 (LB); Papamoa, flock of 30 on 10/5; Kaituna Cut/Maketu, 3 on 22/11, 70 on 17/5 (PCML); Otamarakau, 2 on 1/1 (PB); Pikowai, 3 on beach on 27/8 (PCML). Matata/Tarawera R mouth, 2 on 19/7, 23 on 1/1 (PB, PCML); Rangitaiki R mouth, 2 on 21/6 (PCML); Waiotahi E, 3 on 20/6 (WMH); Kukumoa, Opotiki, c. 40 on 21/6 (WS). A great increase in numbers in coastal BoP is noted for the winter of 1987 (PCML). Gisborne, largest flock 42 on 1/11 (JCH, MW). Whakaki Lag, 39 on 24/1, 172 feeding on wet field on 14/6; Wairoa, flock of 37 over town on 5/6 (GAF). Ahuriri E, 5 on 5/7, 16 on 1/11 (KVT); flock of 70-80 on 26/5 (ALH, ACS); Meeanee, c. 75 in dry

grass on 4/7 (TAS, KVT); L Poukawa, 100 + in July 86 (KVT). HB river census on 25-26/10; Ngaruroro R 56 Tutaekuri R 38, Tukituki R 183; Lower Mohaka, 18 on 9/11; Porangahau E, 9 on 16/11 (KVT), 28 on 27/6 (BDH, HAR, JGH, RMH). Tongariro NP, Manganuiateao R, 9 on 21/1 (BRK). Puke Puke Lag, 13 on 8/1 (LJD *et al.*). Manawatu E, 26 on 3/5, 35 on 23/5; Waikawa Bch, pair with 2 small chicks on 17/7 (BDH). Pauatahanui, 25 on 24/5, 30 on 6/6 (JLM, MM).

GREY PLOVER *Pluvialis squatarola*

FoT, Access Bay, 1 present from 18/11 (BRK) to 22/2 (BB, BHS *et al.*).

LEAST GOLDEN PLOVER *P. fulva*

Manukau census, summer 58, Karaka, 21 on 15/3 (BB *et al.*). FoT census, summer 150; Mataitai, 20 on 21/3 (AJG), 26 on 15/12/85 (GE, RBS). Ardmore airfield, 5 on 5/12 (JP). Sulphur Point, 3 on 16/11 (LB); Kaituna Cut/Maketu, 10 on 22/11 (PCML); Little Waihi, 68 roosting at high tide, 1 or 2 in partial breeding plumage, on 14/2. Largest flock on record for BoP (PCML). Ohope Spit, 18 on 23/11 (WMH). Mahia, Oraka E, 9 on 2/11, 4 on 29/12 (GAF); Ngamotu Lag, Wairoa, 65 on 8/11 (YMcK, GAF), 45 on 22/11 (GAF). Ahuriri E, c. 65 on 28/12, c. 30, many blackening, at Southern Marsh on 23/2 (KVT). Manawatu E, 49 on 20/12 and 14/2 (JLM, MM).

NEW ZEALAND DOTTEREL *Charadrius obscurus*

Sandy Bay, 2 on 21/6; Tauranga Bay, 9 on 20/4 (BW). Mimiwhangata, 7 on 11/11 (AJG). Whananaki South, 8 on 24/8; Pataua North, 2 on 23/8 (BW). Whananaki H, 4 on 6/9; Matapouri Bay, 2 on 6/9; Ocean B, 2 on 5/9; Ngunguru, 2 eating crab on 4/9 (PCML). Onerahi, 24 on 28/6; nest with 3 chicks hatched on 8/10 (PA). Round Hill to Karaka Creek, 8 on 16/8, 4 on 11/10 (BW). Manukau H census, summer 28, winter 20 (AJG, BB). Waikato R mouth, 7 on 3/8 (BB); Kaawa, south of mouth, 2 on 16/11 (DMW). FoT census, summer 8, winter 15 (BB, AJG); Access Bay, 12 on 18/3 (BHS) and 6/4 (BRK). Coromandel Pen: Preece's Pt, 8 on 24/3 (AP); Matarangi Spit, 9 on 27/5 (AP); Waikawau, 6, including 2 juvs, on 2/1 (JVD); Opoutere, 2 pair with two 3-egg nests and 1 single bird, 12 on 26/12 (BB); Whangamata, 7 on 30/5 (BB *et al.*). Waikato region: breeding confirmed at Waikorea, Ruapuke, Taharoa (ARP, ASR, JMR, BHS); breeding season records from Raglan H, Aotea H, Kawhia H, Marokopa (KJ, AL, ARP, ASR, FN); max at Kawhia 13 on 12/5 (BHS). Bowentown B, 6 on 25/5, 8 on 14/6 (BC); Matakana I, south end, 25 adults and 3 nests with eggs on 22/11 (NS). Sulphur Pt, 12-14 disputing territories and making scrapes on 28/9 (BS); 25 on 8/11 (NS), 50 on 29/3, 16 on 24/5 (BC); 37 on 14/6 (LB, DI). Kaituna Cut, pair nesting in field on 12/10, still present on 22/11 with no apparent breeding success (PCML); Maketu, 9 pairs holding territories on spit, 1 nest with 3 eggs on 12/10, 6 pairs and 3 nests with eggs on 22/11. Max 35 on 14/2, presumed to have included Little Waihi flock (PCML). Little Waihi, 6 on 22/11 (RG), 21 on 14/2, 19 on 23/5 (PCML). Otamarakau, 8 adults and 1 small chick on 1/1 (PB). Pikowai/Henepuru, 5 on 27/8; Tarawera R mouth, maximum 3 on 19/7; Rangitaiki R mouth, maximum 2 on 21/6 (PCML). White I, 4 in Boulder Bay on 8/7 (BS). Ohope Spit, 8 pairs nesting on 23/11, 15 adults with no sign of breeding success on 8/1; 67 in high tide roost on 23/5; same birds on subsequent visit showed much territorial chasing and fighting as winter flock prepared to disperse to breeding grounds, presumably

as far away as Cape Runaway. (No birds winter between Ohiwa and Runaway.) None present on 21/6 (PCML). Waiotahi, 6 on 21/6 (none previous week); Waiau E, 2 on 4/7 (WS). Ohau E, Manawatu, 2 on 25/2 (WRJ, MO, MO).

BANDED DOTTEREL *C. bicaudatus*

Onerahi airport, max 300+ on 25/6 (BW). Manukau H census, summer 5, winter 778 (AJG, BB); Karaka, c. 40 on 29/1, max 203 on 7/4 (RJP). FōT census, summer 3, winter 115; Miranda 5 on 18/11 (BRK), 180 on 20/4 (BDH, RH). Mataitai, 65 on 7/6 (AJG). Kaawa, 3 and nest on 16/11 (JVD). Coromandel Pen: Buffalo B, 13 on 3/2 (JP); Coromandel H, 61 on 24/3 (AP); Opoutere, 4 on 26/12, one female on nest (BB). Waikato region: breeding at Waikoura, Ruapuke, Aotea H, Kawhia H, Taharoa, Marokopa (KJ, ASR, FN, BHS, ARP, SC). Kawhia H, max 515 on 12/5, including 2 birds banded in HB (RP, BHS); Aotea H, 126 on 27/6 (ASR *et al.*). Bowentown B, 230 on 13/6 (BC). Sulphur Pt, max 490 on 14/6, a Rotorua-banded bird present on 24/5 (BC, LB, DI, AMcC, RP, BS); Maketu, 56, including bird banded at Otamarakau, on 23/5 (JI, RP); Little Waihi, c. 50 on 14/2, 86 on 23/5 (JI, PCML, RP); Otamarakau, 4 nesting pairs and 3+ non-breeders on 21/10 (PB); Pīkōwai/Henepuru, 5 on 27/8 (PCML). Ohope Spit, 6 or more pairs nesting on 23/11, max 484 on 23/5 (PCML). Muriwai Lag, 12 on 15/11 (BGJ, SCJ). Mahia, Oraka Est, max 24 on 29/12; Wairoa R Est, max 50 on 14/6 (GAF). HB river census on 25-26/10: Ngaruroro R 480, Tutaekuri R 509, Tukituki R 1149; Lower Mohaka R, 57 on 9/11 (KVT). Mangatahi, Ngaruroro R, flock of c. 30 mixed juvs and adults feeding on 21/12 (PWT, MT). Porangahau E, 108 on 27/6 (BDH, HAR, JGH, RMH). Wanganui E, max 29 on 2/5 (PFB, OT). Rangitikei E, 95 on 14/4 (WRJ, MO, MO). Ohau Est, max 55 on 22/6 (WRJ, MO, MO). Turakina Est, 30-40 on 14/3 (PFB, GR, OT). Hokio B, 1 on 25/2 (MO, MO). Manawatu E, max 89 on 20/4 (RAC, SEC, LJD, RS, PS, JLM, MM).

MONGOLIAN DOTTEREL *C. mongolus*

FōT, Access Bay, 1 on 8/10 and 1 at limeworks on 19/12 (BHS). Porangahau E, 1 on 27/6 (BDH, HAR, JGH, RMH).

LARGE SAND DOTTEREL *C. leschenaultii*

FōT, Access Bay, 1 on 7/11/85 and 5/6/86 (GE, TGL, RBS). Manakau H, Karaka, 1 on 21/9 (DGB) and 29/1 (PB, RF, AVS), 3 on 27/3 (RL).

BLACK-FRONTED DOTTEREL *C. melanops*

Kaituna Cut, 1 in May (FN). Ahuriri E, 12 on 5/7, 11 on 1/11, 8 feeding in flooded field on 29/3 (PWT, MT). Clive, 8 on 5/7 (KVT). Waitangi, 9 on 5/7 (KVT). HB river census on 25-26/10: Ngaruroro R 145, Tutaekuri 200, Tukituki 341; Lower Mohaka R, 29 on 9/11 (KVT). Porangahau E, 7 on 27/6 (BDH, HAR, JGH, RMH). L Hatuma, pair with chicks on 25/1 (BDH). Turakina E, 6 on 14/3 (PFB, GR, OT). Ohau E, 4 on 22/6 (WRJ, MO, MO). Manawatu R, east of Woodville, pairs widespread on 11/1 (PM). Otaki E, 5 in March 86 (DB).

WRYBILL *Anarhynchus frontalis*

Manukau census summer 38, winter 1366 (AJG, BB); Mangere, 500 still on 2/8/85 (RBS, SMT); Karaka, 46 on 21/9 (DGB), 56 on 15/3 (BB *et al.*). FōT census, summer 118, winter 650, but other counts show 3000 on 17/5 and 2095 on 16/6 (AJG, BB *et al.*). Half this number were back from breeding on 6/2 (BB *et al.*); Access Bay, 1200+ on 6/8/85 (RBS, SMT). Ruapuke,

1 on 21/2 (ARP). Sulphur Pt, 21 on 28/9 (BS), 67 on 14/6 (LB); Aerodrome Bay, 22 on 14/6; Maketu, 3 on 14/2; L Waihi E, 1 on 23/5 (PCML). Tukituki E, 5 on 20/9 (CFMcR, KVT); Ngauroro R, 1 male in breeding plumage on 27/10 (RJP, MT, PWT); Ahuriri E, 1 on 6/6 (MTC, ACS). Porangahau E, 1 on 16/11 (KVT), 44 on 27/6 (BDH, HAR, JGH, RMH). Wanganui E, 30 on 1/10, 34 on 5/10 (GR, OT). Manawatu E, 7 on 2/10 (WRJ, MO, MO), 80+ on 5/10 (MT, MW), 117 on 9/10 (WRJ, MO, MO), 800+ on 12/10 (GR) 60 on 22/10, 11 on 7/11 (WRJ, MO, MO), 26 on 25/1 (RAC, SEC), 48 on 20/4 (JLM, MM). Pauatahanui, 3 in Mar 86 (DB).

FAR-EASTERN CURLEW *Numenius madagascariensis*

Manukau H census, summer 8, winter 7 (AJG, BB). FoT census, summer 8, winter nil, but 9 on 19/12 (BHS) and 10 on 22/2 (BB *et al.*); Kaiaua Spit, 4 on 7/11/85, 3 on 29/6/86 (RBS, GE, SMT). Kawhia H, 1 on 22/11 (FN *et al.*). Ohiwa H, 1 on 27/11 (WMH). Manawatu E, 1 from Oct to March (WRJ *et al.*).

ASIATIC WHIMBREL *N. phaeopus variegatus*

Manukau H census, summer nil, winter 2, but 12 on 29/1 (AJG). FoT census, winter 2 (AJG, BB), 1 on 17/5 (AVS, RBS). Mahia, Oraka E, 6 on 24/1, 4 still present on 28/6 (GAF). Porangahau E, 1 on 27/6 (BDH, HAR, JGH, RMH). Wanganui, 1 on 1/11 and 9/11 (GR, OT). Manawatu E, 1 on 18/10 and 25/10 (WRJ *et al.*).

WHIMBREL sp.

Manukau H, Karaka, 2 on 29/1 (AJG), 14 on 1/4 (RL). Bowentown shellbanks, 1 on 14/6; Matahui Pt, 1 on 25/3 (BC). Kaituna Cut/Maketu, 6 records Oct-May, max 4 on 1/2; Little Waihi, 2 on 23/5 (PCML). Ohope Spit, 4 on 23/11 (WMH) and 5 on 18/1 (PCML). Ngamotu Lag, Wairoa, 2 on 8/11 (YMcK, GAF). Ahuriri E, 6 on 1/11 (KVT).

ASIATIC BLACK-TAILED GODWIT *Limosa limosa*

FoT, Access Bay, 1 on 3/4, 22/4, 30/4 (RL).

AMERICAN BLACK-TAILED GODWIT *L. haemastica*

Kawhia, 1 on 27/6 (RL, ASR *et al.*). Matahui Pt, 1 on 25/3 (BC).

BAR-TAILED GODWIT *L. lapponica*

Ngunguru, 4 on 3/2, 17/2 (BW). Manukau H census, summer 11 361, winter 1314; of the summer count, 6000 were at Karaka (AJG, BB). FoT census, summer 4226, winter 472 (BB). Coromandel H, 100 on 1/9 (LB), 267 on 24/3 (AP). Aotea H, 1000 on 22/11, 100 on 27/6; Kawhia H, 2400 on 22/11, 380 on 27/6 (FN, ASR *et al.*). Bowentown shellbanks, 1400 on 8/11, 170 on 14/6 (BC); Matahui Pt, 2500 on 8/11, 1800 on 25/3, 100 on 14/6 (BC, PCML); Sulphur Pt, 300 on 28/9 (BS), 3000 on 8/11 (AMcC, NS), 110 on 14/6 (LB); Aerodrome Bay, 51 on 14/6 (PCML); Kaituna Cut/Maketu, maximum 460 on 9/11, 29 on 17/5; Little Waihi, max 586 on 15/2, 26 on 23/5 (PB, RG, PCML). Ohope Spit, c.4000 on 23/11 and 18/1, 378 on 23/5 and 21/6 (JD, PCML, WS). Muriwai Lag, 148 in Nov (BGJ, SCJ). Mahia, Oraka E, max 99 on 2/11; Whakaki Lag, 257 on 24/1; Wairoa R Est, maximum 132 on 23/3, 12 on 14/6 (GAF); Ngamotu Lag, 283 on 8/11 (YMcK, GAF). Ahuriri E, 96 on 5/7, 336 on 1/11; Awatoto, 18 feeding inland on wet grass; Waitangi, 10 on 1/11; 21 on 30/3; Tukituki E, 22 on 1/11 (KVT). Porangahau E, 80 on 16/11 (KVT), 8 on 27/6 (BDH, HAR, JGH, RMH). Turakina E, 31 on 14/3 (OT, PFB, GR). Wanganui E, 200 on 2/10 (GR, OT). Manawatu E,

max 430 on 7/11 (WRJ *et al.*). Ohau E, 11 on 25/2 (WRJ, MO).

ASIATIC DOWITCHER *Limnodromus semipalmatus*

FoT, Access Bay, one found on 6/2 (BB) and seen occasionally until 6/5 (BB, AJG, RG, SG, *et al.*).

GREENSHANK *Tringa nebularia*

Mimiwhangata, 1 with NZ Dotterels on 11/11 (AJG). Matahui Pt, 1 moulting out of breeding plumage on 6/2 (BC); still present on 14/6. This bird has been here since Nov '77 (PCML). Manawatu E, 1 on 30/1 (JL, MO, MO, MW). Ohaua Lag, 1 on 23/3/86 (GW).

MARSH SANDPIPER *T. stagnatilis*

FoT, Access Bay, 1 feeding among small mangroves (DA, PA), remained through winter (BB); frequently chased by stilts, fed in water above 'knee' almost running, with rapid shallow pecking, on 13/7 (BRK).

SIBERIAN TATTLER *T. brevipes*

FoT, 1 present from 19/11 (BB, DGB) to 30/6 (RL *et al.*); 2 on 28/3, 1/5 (RL), 3 on 29/3 (TH), 2 on 17/5 (ATn, PFB, GA). Ahuriri E, 1 on 24/10 (RP). Waikanae E, 1 on 17-22/11/85 (ATn).

TEREK SANDPIPER *Xenus cinereus*

Manukau H census winter 1, still at Karaka on 29/1 (DS). FoT, Access Bay, 1 on 8/10 (BHS), 2 on 7/12 (BB, BAE, SJD); Taramaire, 3 on a piece of driftwood on 1/2 (BHS), still 3 on 28/3 and 3/4 (RL).

TURNSTONE *Arenaria interpres*

Manakau H census, summer 130, winter 124 (AJG, BB), 225 on 21/9 (DGB). FoT census, summer 139, winter 9 (AJG, BB), limeworks, 25 on 6/4 (BRK), Access Bay, 29 on 20/4, 11 on 1/6 (BB *et al.*). Raglan H, 5 on 2/11; Kawhia H, 1 on 27/6 (ASR *et al.*). Bowentown shellbanks, 200 on 8/11; Bowentown B, 31 on 14/6 (BC); Maketu, 2 on 28/8 (PB), 3 on 12/10, 42 on 22/11, 30 on 14/2, 3 on 30/5; Ohope Spit, 1 on 23/11 (PCML). Ngamotu Lag, Wairoa, 8 on 8/11, stayed to end of month (YMcK, GAF). Clive outfall, 2 on 24/10 (RP); Tukituki R, 1 on 25/10 (RJP). Porangahau E, 13 on 16/11 (KVT). Manawatu E, 1 on 2/11 and 1/3 (WRJ, MW), 2 on 25/1 (JLM, MM, RAC, SEC).

KNOT *Calidris canutus*

Mangere Ponds, 2000 on 18/11/85, thousands more on 27/11 (GE, RBS); Manakau H census, summer 10 500, winter 2414 (AJG, BB); Karaka, 4000 + on 15/3 (BB *et al.*). FoT census, summer 3918, winter 3 but 664 between limeworks and Taramaire on 17/5, and 1150 on 16/6 (BB). Maraetai, 1200 + on 21/3 (AJG). Kawhia H, 6 on 22/11 (FN *et al.*), 1 on 27/6 (ASR *et al.*). Bowentown shellbanks, 30 on 8/11 (BC); Matahui Pt, 33 on 8/11, c.350 on 25/3 (BC, PCML); Sulphur Pt, 1 on 8/11 (NS); Kaituna Cut/Maketu, 10 on 12/10, 202 on 9/11; Little Waihi, 68 on 22/11 (RG). Ohope Spit, 8 on 23/11 (WMH). Muriwai Lag, 45 in Nov (BGJ, SCJ); Whakaki Lag, 5 on 24/1 (GAF); Ngamotu Lag, 74 on 8/11, 13 on 22/11 (YMcK, GAF). Tukituki E, 15 on 1/11, 2 on 1/4; Porangahau E, 33 on 16/11 (KVT). Wanganui E, 18 on 28/9, 30 on 2/10 (GR, OT). Manawatu E, 17 on 10/9, 110 on 9/10, 260 on 7/11 (MO, MO, WRJ, MT, MW).

SHARP-TAILED SANDPIPER *C. acuminata*

Manukau H census, summer 18, winter 4, still 12 on 1/4 (AJG). FoT census, summer 32, still 16 on 18/4 (BHS), 4 on 20/4 (BB). Kaituna Cut, 1 on 12/10, 7 on 1/11, 9 on 9/11 (JD, PCML). Ahuriri E, 2 on 1/11; Porangahau E, 1 on 16/11 (KVT). Manawatu E, 5 on 26/1 and 15/3 (JLM, MM).

PECTORAL SANDPIPER *C. melanotos*

Manukau H, Karaka, 1 on 29/1 (AJG) and 28/4 (RL). FoT, Limeworks, 1 on 18/3 (BHS). Ahuriri E, 4 on 16/12 (MT, PWT), 3 on 23/2 (KVT).

CURLEW SANDPIPER *C. ferruginea*

Manukau H, Karaka census, summer 2 (BB). FoT census, summer 15 (AJG), but Access Bay had 21 on 6/4 (BRK) and 18 on 22/4 (RL). Whakaki Lag, 8 on 24/1 (GAF); Ngamotu Lag, 6 on 8/11 (YMcK, GAF). Manawatu E, 1 on 2/11 (JLM, MM).

RED-NECKED STINT *C. ruficollis*

Manukau H census, summer 15, winter 13 (BB, AJG); Karaka, 17 on 27/3, 24 on 1/4 (RL). FoT census, summer 2, winter 1 (AJG), but 4 on 18/3 (BHS) and still 3 on 17/5 at Access Bay (AVS, RBS). Kaituna Cut, 4 on 1/11, 7 on 15/2 (JD, PCML); Little Waihi, 4 on 23/5 (PCML). Muriwai Lag, 10 in Nov (BGJ, SCJ). Manawatu E, 1 on 22/10 (WRJ, MO, MO, MT, MW), 1 from 31/12 to 30/6 (JLM, MM). Ahuriri E, southern marsh, 4 on 28/2 (KVT).

SANDERLING *C. alba*

Kaituna Cut/Maketu, single bird seen on 9/11, 22/11 and 15/2, on last 2 occasions roosting at high tide on sandbank with other waders (PCML).

PIED STILT *Himantopus h. leucocephalus*

Manukau H census, summer 730, winter 4826 (AJG, BB). FoT census, summer 902, winter 2909; Ardmore, 1 still watching chicks on 31/10, 3 pairs nested; Clevedon, pair with nest or young on 5/11 (AJG). Kawhia H, 226 on 27/6; Aotea H, 194 on 27/6 (ASR *et al.*). Bowentown B and Shellbanks, 80 on 14/6 (BC); Matahui Pt, 450 on 14/6 (PCML); Omokoroa Golf Course, 120 on 14/6; Pahoia, 80 on 14/6 (RC); Kaituna Cut/Maketu, 53 on 22/11, 100 on 14/2, 370 on 17/5; Little Waihi, 16 on 22/11 (RG), 30 on 3/1, c.500 on 15/2; Matata, 88 on 19/7; Rangitaiki R mouth, 23 on 19/7 (PCML). Ohiwa H, 25 on 27/11 (WMH), 135 on 21/6 (JD). Waiaua E, 12 on 4/7 (WMH), 22 on 22/6 (WS). Whakaki Lag, 1060 on 24/1, 625 on 21/4 (GAF). Ahuriri E, 674 on 5/7, 354 on 1/11; L Poukawa, 200+ in July (KVT), 300+ on 27/6 (MT, PWT). L Hatuma, 500+ on 25/1 (BDH). HB river census on 25-26/10: Ngaruroro R 220, Tutaetukuri R 310, Tukituki 482; Lower Mohaka R, 35 on 9/11 (KVT). Porangahau E, 8 on 16/11 (KVT), 123 on 27/6 (BDH, HAR, JGH, RMH). Ohau E, 79 on 25/2 (MO, MO, WRJ). Manawatu E, 260 on 23/5 (JLM, MM). L Horowhenua, 37 on 23/6 (WRJ). Pauatahanui Lag, pair with 4 chicks on 2/11, Wellington H, 3 on 8/1 (JLM, MM).

BLACK STILT *Himantopus novaezelandiae*

Whangaroa, 20 + "smudgies" on 21/4/86; Waikaraka, 2 juvs in flock of 18 Pied Stilts, and 2 juvenile hybrids on 18/2/86 (BW). Ngamotu, Kaipara H, 2 hybrids ("F" plumage) on 22/11 (PA); Mairetahi, S Kaipara, 4 with

Pied Stilts on wet meadows on 7/7 (JED, MJT). Mangere Ponds, 1 with 200 Pied Stilts on 23/10 (GJA, SG). Miranda, 1 hybrid on 11/8 (BRK). Kawhia H, 4 with 9 hybrids on 11/5 and 27/6. One hybrid was banded (ASR *et al.*). Manawatu E, 1 hybrid on 13/2 and 2/5 (JLM, MM).

SOUTHERN GREAT SKUA *Stercorarius skua*

Arataki, Mt Maunganui, 1 found alive on beach after storm by N. Smith on 23/8, readily took water and food but soon died (PCML). L Onoke, 3 on 4/8/85 (RGP).

POMARINE SKUA *S. pomarinus*

Mangere, 1 harassing imm. Black-backed Gulls on 5/8 (RJHC). 1, halfway between AMDB Ponds and Kiwi Esplanade, showing typical broad wings and slow flight, on 5/2 (RC). Ohope Spit, 1 or 2 in flock with 4 (or 5) Arctic Skuas flying from Ohiwa H to sea on 18/1 (PCML).

ARCTIC SKUA *S. parasiticus*

Auckland, Milford B, 3 chasing White-fronted Terns, among feeding gannets and gulls, on 7/4/86 (BRK); Whatipu, 5 chasing White-fronted Terns on 21/11 (JED). Whakatiwai, 3 + offshore on 15/12/85 (RBS, GE). Papamoa B, 3 (2 dark phase) on 22/1; Ohope Spit, 2 (1 dark, 1 pale) on 23/11, 4 or 5 in flock 1 (or 2) Pomarine Skuas on 18/1 (PCML). Waihua, 2 flying among cliffs then out to sea on 1/2 (GAF). E Clive, HB, 4 pale phase harrying White-fronted Terns on 31/12 (CFMcR, KVT). Foxton B, 5 seen between 31/1 and 20/4 (JLM, MM).

SKUA sp.

Paraparaumu B, 1 large pale bird chasing Caspian Tern on 8/3 (ATn). Wellington H, 2 on 6/4, 1 on 19/4 and 24/4 (JLM, MM).

BLACK-BACKED GULL *Larus dominicanus*

Manukau H census, summer 297, winter 722 (AJG). FoT census, summer 604, winter 744 (AJG, BB). Kawhia H, 421 on 22/11 (FN *et al.*), 105 on 27/6 (ASR *et al.*). Bowentown Shellbanks, c.30, mostly imm, and 1 nest on 8/11 (BC). Matakana I, south end, 89 nests averaging 2.5 eggs on 16/11 (NS). Ngamotu Bar, Wairoa, c.600 adults and many chicks on 20/12 (GAF). Ahuriri E, 205 on 5/7, 151 on 1/11; Waitangi, c.205 on 5/7, 166 on 1/11; E Clive, 300 + 5/7, 17 on 1/11; Tukituki E, 75 on 5/7, c.150 on 1/11. HB river census on 25-26/10: Ngaruroro R 2134, Tutaeakuri R 465, Tukituki R 1202 (KVT). Manawatu E, 400 on 15/3 (JLM, MM). Wellington H, near Petone, 2 birds on nests very close to rail tracks on 15/12; 1 incubated until 14/1; 3 part-grown chicks being fed on 10/2 (JLM, MM).

RED-BILLED GULL *Larus novaehollandiae scopulinus*

Tamaki E, gathering of 3000 birds on 3/8 (GJA). Manukau H census, summer nil, winter 518; Papakura, Old Wairoa Rd, dead bird with Kaikoura band (JP). FoT census, summer 14, winter 5798; Access Bay, 1 with palest apricot flush on belly on 20/4 (BB). Bowentown Shellbanks, 122 nests on 8/11 (BC). Ohope Spit, c.20 pairs nesting on 23/11 (PCML). Wairoa Est, 1 on 7/6, first seen for some years (GAF). Tukituki E, 100 + on 5/7, c.150 on 1/11; Napier, Marine Parade, 500 + in mixed flock with Black-bills on 10/8; c.1000 on 20/4 (MT, PWT). Wellington, Island Bay, albino with black on primaries, bill and legs red, on 19/11/85 (ATn).

BLACK-BILLED GULL *L. bulleri*

Manukau H, 1 at Yates dam on 14/6 (RL). FoT census summer 200, winter 121; Access Bay, colony starting to noisy on 11/8; nesting in association with White-fronted Terns; Mataitai, 21 on 17/7 (AJG). Kawakawa Bay, 14 on 15/6/86 (RBS, TGL). Raglan H, 1 on 27/6; Kawhia H, 1 on 27/6 (ASR *et al.*). Bowentown Shellbanks, 2 on 8/11 (BC). Little Waihi, 2 on 17/5; Otamarakau, 1 on 6/7 and 21/6; Tarawera R mouth, 14 on 6/7, 5 on 21/6 (PCML). Ohope Spit, 30-35 pairs nesting on 23/11, at least 20 imms. from fully fledged to 1 week downies on 18/1 (WMH, PCML). Muriwai Lag, 9 in Nov (BGJ, SCJ). Wairoa R bar, c.400 on 8/11, 164 nests with eggs on 15/11, about 40 well-grown young with adults on 20/12 (GAF). Waitangi, c.200 on 5/7, c.193 on 1/11 (KVT), c.100 with 25 nests on 31/12 (CFMcR, KVT); E Clive, c.340 on 5/7, c.100 on 1/11 (KVT); 30 nests beside White-fronted Tern colony on 2/1 (KVT, MT, PWT *et al.*). HB river census on 25-26/10: Ngaruroro R, 8, Tutakuri R, 62, Tukituki R, 174 (KVT). Mangatahi, Ngaruroro R, 2 nests (1 chick, 1 egg) with no other gulls in vicinity, on 21/12 (MT, PWT). Wanganui E, 3 banded birds on 31/5 (OT). Manawatu R, Oringi, 160 in flight (PM); Manawatu E, 60 on 2/1, 110 on 5/6 (JLM, MM). L Horowhenua, 35 on 23/6 (WRJ). Wellington H, near Ngauranga, 1 on 1/7, 4 on 21/5 (JLM, MM).

WHITE-WINGED BLACK TERN *Chlidonias leucopterus*

E Clive, Muddy Creek, 1 on 18/3 (ARG, KVT), 1 hawking over channel on 18/4, 'winter' plumage, frequently mobbed by Welcome Swallows; Napier, Marine Parade, 1 roosting with Black-fronted Terns on 23/5 (MT, PWT).

GULL-BILLED TERN *Gelochelidon nilotica*

Meeanee, HB, 1 hawking over field on 4/7 (KVT). Ahuriri E, 1 on 20/7, 1 in breeding plumage on 9/5. When roosting, tended to stay apart from nearby gulls and Caspian Terns (MT, PWT).

CASPIAN TERN *Hydroprogne caspia*

Ngunguru Sandspit, 8 on 29/3/86 (BW). Mangawhai, colony of c.120 pairs active Aug-Dec (MJT). Kaipara H, Shelley B Island, colony of 275 adults and 125 young on 3/12 (PT). Manukau H census, summer 20, winter 108; FoT census, summer 48, winter 132 (AJG). Wairoa R, Clevedon, 1 dived at Harrier while 2 others circled overhead, on 7/12 (TRH). Mataitai, 25-30 on 21/3 (AJG). Hamilton, L Rotorua, 1 on 28/6 (MB). Rotorua, Sulphur Pt, 14 on 5/4/86 (BRK). Bowentown Shellbanks, c.100 birds, 40 nests with eggs hatching on 8/11; 42 birds on 14/6 (BC). Matahui Pt, 12 on 8/11 (PCML); Omokoroa golf course, 7 on 8/11 (NS); Pahoia, 2 on 14/6 (RC); Matakana I, south end, 4 on 16/11 (NS); Sulphur Pt, 5 birds, 1 pair courting on 28/9 (BS), 41 on 14/6 (LB, DI); Aerodrome Bay, 61 on 14/6, 3 chasing 2 Harriers for at least 5 minutes; Maketu/Kaituna Cut, 2-3 present all year; Little Waihi, 2 on 14/2 (PCML). Whale I, 1 on 8/7 (BS). Ohope Spit, 45, few pairs nesting on 23/11; Ohiwa H, 45 on 30/6 (WMH). Waiau E, 2 on 4/7 (WS). Ahuriri E, 8 on 5/7, 7 on 1/11 (KVT), 20 on favoured mudflat roost on 29/3 (MT, PWT); Tukituki E, 8 on 5/7, 1 on 1/11; Porangahau E, 3 pair and 2 nests on 16/11 (KVT), 4 birds on 27/6 (BDH, HAR, JGH, RMH). Turakina E, 12 on 14/3 (OT, GR, PFB). Manawatu E, 46 on 28/3 (JLM,

MM). Ohau E, 3 on 25/2 (MO, MO, WRJ). Pauatahanui, 14 on 2/2/86 (JRC). Wellington H, near Petone, 1 on 10/11 and 14/1 (JLM, MM).

BLACK-FRONTED TERN *Sterna albobristata*

S Kaipara Head, Waller's Farm, 1 on 4/7 (MW). Bowentown Shellbanks, 1 first-year bird on 10/2; Matahui Pt, 3 adults on 25/3 (BC). Tarawera R mouth, 6 (3 adult, 3 first year) feeding on elvers on 16/7, 14 (8 1st years) on 19/7, 4 (1 1st year) on 21/6; Rangitaiki R mouth, 5 (2 adult, 3 1st years) on 6/7, 13 on 26/4, 21 (4 1st-years) on 21/6 (PCML). Waitangi, HB, 26 on 5/7; Tukituki E, 26 on 5/7 (this total of 52 was max for season) (KVT); Napier, Marine Parade, now seems the favoured area for HB birds, marked preference for company with Black and Red-billed Gulls and White-fronted Terns (MT, PWT). L Onoke, 12 roosting on spit on 1/6/86 (RGP). Waikanāe, 1 on 29/3/86 (CF).

CRESTED TERN *S. bergii*

Waikanāe, 1 among White-fronted Terns on 10/11/85 (JRC). Pukerua Bay, 1 on 19/11/85 (ATn).

COMMON TERN *S. hirundo*

Bowentown Shellbanks, 1 in non-breeding dress on 26/1 (BC).

ARCTIC TERN *S. paradisaea*

Rangitaiki R mouth, 1 probable on 26/4 (BC). Tarawera R mouth, 1 in non-breeding dress on 21/6 (PCML).

LITTLE TERN *S. albigrons*

Manukau H census, summer 10, winter 2 (BB, AJG). FoT census, summer 23; Taramarie, 8 on 9/11, 13+ on 18/11 (BRK), 1 on 16/6 (BB); Access Bay, 16 roosting among godwits on 7/3, 10 (5 in breeding plumage) on 6/4 (BRK). Ohope Spit, 1 on 23/11 (WMH). Manawatu E, 1 on 2 and 25/10 (MO, MO, WRJ *et al.*); 2 on 30/12, 3 on 25/1, 4 on 1/3, 1 still present on 24/5 (JLM, MM). Pukerua Bay, 1 on 19/11/85 (ATn).

WHITE-FRONTED TERN *S. striata*

Whangāumu Bay, max 100 on 15/3/86; Ngunguru Sandspit, 200 on 29/3/86; Tinopai, 190 on 13/10 (BW). Auckland region: colonies at Mangawhai Sand I, Muriwai Cliffs, Whatipu Rocks, Orakei wave-screen, and Frenchman's Cap I, ranging 50-300 pairs (GJA, JED, TRH, MJT). Manukau H, census summer 22, winter 55; FoT, census summer 977, winter 60 (AJG); Access Bay colony, 200-300 displaying and mating on 28/10 (BHS); nesting well in progress on 21/11 (BB). Opoutere, 55 on spit and 30+ on Hikanui I on 5/1 (BB). Coromandel Pen: Lonely Bay 28 chicks almost fledged on 6/2 (JP), Little Bay, Waikawau, 200+ on 3/1 (JVD). Bowentown Shellbanks, c.200 nesting on 8/11 (BC). Papamoa B, 118 flying eastwards during 30 minute period on 25/1; Kaituna Cut, c.300 fishing and roosting on 23/5 (PCML); Otamarakau, c.60 roosting on 1/1 (PB); Tarawera R mouth, c. 300 on 21/6; Rangitaiki R mouth, c.300 on 26/4; Ohope Spit, c.900 nesting on 23/11, c.20 pairs still incubating, 150 fully fledged young, 150 nearly fledged to day-old 'downies' on 18/1 (PCML). Waioeka E, c.20 pairs nesting, late Dec, 64 on 22/6; Opape, c.250 on 22/6 (WS). Wairoa R bar, c.2500 on 8/11, c.700 nests by 15/11; 40 well-grown young with adults on 20/12 (GAF). Tukituki E, c.100 on 1/11 (KVT); Black Reef, Cape Kidnappers, c.40 nests on rock ledges on 5/11 (PWT); E Clive, c.200 nests with some very young

chicks on 2/1 (KVT, MT, PWT *et al.*); Napier, Marine Parade, 132 on 4/4 (MT, PWT). Turakina E, 100+ on 14/3 (PFB, GR, OT). Manawatu E, 350 on 2/5 (JLM, MM). Waikanae, 45 on 10/11/85, c. 1600 on 8/2/86; Pukerua Bay, c.200 on 8/2/86 (JRC).

NEW ZEALAND PIGEON *Hemiphaga novaeseelandiae*

Onerahi airport, 2 on 30/9 (BW). Paranui bush reserve, 2 on 8/3 (MH). Manurewa, Hill Rd, 2 persisted in eating all guavas and dunking in bird bath, June '87 (JVD). Papakura, Red Hill, 12+ on 3/7, pair mating in tree on 22/8; male "bobbing" beside female on branch, both dozing towards dusk then moving into dense kohekohe nearby on 12/10 (BB). Hamilton, unusual occurrence of 1 bird in suburban garden in May (SN). Napier, 2 feeding on puriri fruit within city on 24/9 (PWT). Hastings, Frimley Park, 1 on 15/9; Te Awanga, 1 on 15/4 (KVT). Maraetotara, 24+ feeding in tree lucerne on 16/5 (BAJ, MJ).

ROCK PIGEON *Columba livia*

Auckland, 2 main flocks in urban area: near Roller Mills/Railway Station and Penrose container terminal, both with c.300 birds; along West Coast, Mercer Bay and between Bethels and Muriwai, flocks of up to 12 feral birds (MG, SG). Whale I, 50-100 roosting in July (BS). Herepuru, BoP, 20 on beach gathering grit on 6/7 (PCML). Tukituki R, 136 on 25/10 (KVT); Napier, Bluff Hill, 577+ roosting in crevices on 24/5 (MT, PWT); Meeanee, 600-700 in field near ripe maize crop on 24/6 (KVT).

MALAY SPOTTED DOVE *Streptopelia chinensis*

Auckland, concentrations of over 100 birds at Auckland Zoo and Mangere ponds; elsewhere widespread in gardens from Albany, Howick, Clevedon to Karaka; none west of line between Western Springs and Blockhouse Bay; only single record from Auckland Domain, where 20 years ago were large numbers (MG, SG). Papkura, Dominion Rd, "common as Song Thrushes" on 2/8 (JP); Red Hill, feeding on fallen tamarillos and passionfruit on 19/7 (BB). Miranda, 1 near orchard on 21/9 (AJG, JP). Ardmore, Mullins Rd, 20 on 18/11 (JP).

BARBARY DOVE *S. risoria*

Pakiri Forest HQ, 2 on 28/1 (MJT). Auckland, Pupuke golf course, 1 on 1/12 (JED). Mangere, 1 resident with Spotted Doves on 8/8 (JED, NR).

WHITE COCKATOO *Cacatua galerita*

Parua Bay, 1 on 4/11 (EJT). Waitakere Ranges, Cascades Park, 2 on 20/9 (JS, KS). Kumeu, Goldies Bush, flock of 10 often seen, on 10/5 (MG, SG). Manurewa, Hill Rd, 1 on 1/10 (JVD). Karaka North Rd, 30+ in pines on 4/5; Papakura, Dominion Rd, 1 in macrocarpa tree on 25/3 (JP); Glenbrook, 5 on 1/6 (MG, SG); Kawakawa Bay, 1 on 1/8 (JP). Waiamarama, Nolan Rd, 111 on 12/5 (DMW). Pukekohe E, 40 in macrocarpas on 28/5 (DA). Te Kohanga, lower Waikato R, 1 on 3/8; Waiuku SF, 27 in pines seen from Port Waikato on 16/11 (BB). Limestone Downs, south of Port Waikato, 100+ in flight in April (WW Bouskill *per* DAL). Glen Massey, near Ngaruawahia, up to 10 resident (PB). Pirongia, Waite Rd, 1 in Aug (*per* ARP). Tukituki R, HB, 3 flying across river on 6/12 (MT, PWT). Hunterville, 3 on 24/5 (RG). Pahiatua, 4 on 16/6 (WRJ). Judgeford, 1 seen on 3/10, reports of up to 11 (JLM, MM).

KAKA *Nestor meridionalis*

Puketi, 2 on 3-4/5 (BW). Goat I, resident, heard most evenings (FJT). Mangawhai Forest HQ, 1 regular garden visitor on 29/11 (JED). Devonport, 1 in garden on 7/6 (GCE). Middlemore Hospital grounds, 3 had been in vicinity for sometime, interested in a puriri tree, on 27/9 (C. Bozich *per* JVD). Papakura, Keri Hill, 1 overhead on 25/5 (JM). Raglan, 1+ on 24/5 (*per* ARP). Tauwhare, 1 during May/June feeding on fruit trees away from bush (*per* FN). Tauranga, Cambridge Rd, 2 in vicinity mid-July until 25/8 (PCML); Greerton, 2 on 10/6 (LB).

EASTERN ROSELLA *Platycercus eximius*

Awhitu Pen, Pollok Spit, 1 on 14/6 (DA, PA). Papakura, Red Hill, resident and increasing, noisy during Aug (BB). Coromandel Pen, top of Kauaeranga Valley, 2 on 29/10 (BHS). Waikato region: common in bush country from Glen Massey to Kiritehere (PB, ARP, ASP, JMR, BHS). Gordonton, 1+ miles from nearest bush, on 10/3 (DR, AT). Wellington region: Te Marua, 3 on 6/2/86 (JRC), Wilton, 1 on 5/5/86 (CF).

RED-CROWNED PARAKEET *Cyanoramphus novaezelandiae*

Leigh, Goat Island Rd, 1 on 1/7, Goat I, 1 in Garden on 15/9 (FJT). Pureora, 1+ on 1/2 (FN). Whale I, 2 seen, others heard 8-15/7 (24 were released here in Jan 86) (BS).

YELLOW-CROWNED PARAKEET *C. auriceps*

Little Barrier I, Valley Track, 1 on 26/1 (PFB).

SHINING CUCKOO *Chrysococcyx lucidus*

Papakura, Red Hill, first calls on 24/9 (BB). Clevedon, first song on 28/9, last heard on 15/1 (AJG). Awhitu, first song on 2/10 (VMR). Coromandel Pen, Kennedy Bay, a chick accompanied by pair of Grey Warblers (E. Pratt). Honikiwi, first song on 22/9 (Sch). Waihi B, 1 on Orakau Track on 2/11 (BS). HB river census 25-26/10, Ngaruroro R 6, Tutaekuri R 6, Tukituki R 13+ (KVT). Palmerston North, 1 in Hokowhitu Garden on 30/10 (LJD). Foxton B, 1 on 1/1 (JLM, MM). Khandallah, 1 calling on 25/5/86 (RNT, KP).

LONG-TAILED CUCKOO *Eudynamis taitensis*

L Ngatu, 1 freshly dead on verandah on 1/3, 1 in flight on 7/3 (IM). Little Barrier I, Waipawa Track, 18 on 25/1 (PFB). Hamilton, single birds calling in flight over suburban area, before midnight, on 8/10 and 9/10 (BRK). Taurewa Caves, near Tongariro NP, 3 seen on 23/1 (BRK).

CHANNEL-BILLED CUCKOO *Scythrops novaehollandiae*

Ngataki and then Kauri Flat, Northland, 1 in October to mid Jan (AT, AVH, RW).

MOREPORK *Ninox novaeseelandiae*

Whale I, 1 seen, others heard, 8-15/7 (BS). Foxton, Round Bush, 1 on 2/8 (JLM, MM).

NEW ZEALAND KINGFISHER *Halcyon sancta vagans*

Papakura, Dominion Road 7 birds on 25/4 (JP). Rurima Islands, 1 on large island on 16/8; Matahui Point, 2 on 8/11, 12 on 14/6; Kaituna Cut, 10 on 17/5, rarely seen in breeding season; Aerodrome Bay, 9 on 14/6 (PCML). Ahuriri E, 31 on 5/7, 4 on 1/11. HB river census on 25-26/10:

Ngaruroro R 16, Tutaekuri R 13, Tukituki R 47 (KVT). Foxton No. 3 Lake, 1 carrying food to young on 1/1, Manawatu E, 10 on 5/6 (JLM, MM).

KOOKABURRA *Dacelo novaeguineae*

Mahurangi Pen, 1 on 19/10 (SC). Leigh Cove, 4 roosting on same branch on 29/8 (FJT). Helensville, 1 on 17/4 (MB, SC).

NORTH ISLAND RIFLEMAN *Acanthisitta chloris granti*

Little Barrier I, Waipawa Track, 20 on 25/1 (PFB). Mount Pirongia, seen on 25/9 and 15/2; uncommon species (FN, ARP). Mohi Bush, HB, 19 on 16/5 (KVT). Tongariro NP, Whakapapa area, common in beech forest, including camping ground, on 19-25/1 (BRK).

SKYLARK *Alauda arvensis*

Ardmore airfield, 16 on mown centre strip on 17/7 (JVD). Matata Lag, 20 on 19/7 (PCML). HB, common in open country (KVT).

WELCOME SWALLOW *Hirundo tahitica neoxena*

Clevedon, first return to previous year's nest site in shed on 4/4 (AJG). Matata, c.50 over lagoons on 6/7, c.300 on 19/7; Whale I, 1 on 16/8 (PCML). Ahuriri E, 16 on 5/7, 67 on 1/11; Waitangi, 50 on 5/7, 4 on 1/11; E Clive, 76 on 5/7, 1 on 1/11 (KVT).

NEW ZEALAND PIPIT *Anthus novaeseelandiae*

Spirits Bay, common on 24/4 (ATn). Awhitu Pen, 1 on 20/7 (AJG *et al.*). Waikato North Head, 1 on 20/7 (BB). Papamoa B, winter visitor in small numbers, rarely nesting in the dunes, 1 in garden on 27/6 (PCML). Waihi B, 1 on 1/2 (GAF). HB river census on 25-26/10: Ngaruroro R 4, Tutaekuri R 12, Tukituki R 17 + (KVT). Te Mara Peak, thinly scattered in June (PWT, MT). Manawatu E, 1 on 29/1, 1/3, 28/3 (JLM, MM). Karori, Wellington, 1 in garden on 13/5 (ATn).

HEDGESPARROW *Prunella modularis*

Clevedon, singing stopped on 26/11 (AJG). Manurewa, singing on 4/4 (JP). Pokeno, in swamp willows on 12/4 (DAL). Awhitu, seen near boxthorn hedge on 7/6 (VMR). Hamilton, sparse in wooded gullies on city edge (BRK). Waihi B, 2 on Orakau Track on 2/11 (BS). Papamoa, males using lupins, pampas stems, power lines as singing posts, in Aug; Kaituna Cut, still singing on 9/11 (PCML). Hastings, 1 aggressive towards House Sparrows on city lawn on 30/8 (KVT). Napier, often heard in suburbs, spring/summer, 2 feeding and calling in garden on 4/5 (PWT, MT).

FERNBIRD *Bowdleria punctata*

Awanui R, heard in raupo in March (MH). Matapouri, sightings by locals reported, mid '87 (PCML). Omaha causeway, several heard and seen on 24/8 (SC). Pollen I, several heard on 26/11 (JED). Coromandel Pen: Whangapoua, long-established colony, 1/6 (DMW); Opoutere, 30/5 established colony (BB). Clevedon, orchard by riverbank, 1 came to taped call on 27/10 (AJG, JP). Awhitu ARA Park, seen on 10/4 (VMR). Pollok Spit, 1 on 27/4 (MG, SG), 3 seen on 15/2 (AJG *et al.*). Waikato region: reports from Moanatuatua swamp, Kawhia, L Taharoa (FN, ARP, BHS). Te Maunga, at least 6 on 14/6 (JD). Matata, seen or heard on 19/7 and 26/4 (PCML). Kaweka Ranges, McIntosh Hut, 2 on 30/1 (TS). Mangatepopo Valley, Tongariro NP, 6 quickly responded to mimicked call, 1 observed closely alternated call with audible bill-cattering and trembling of wings, on 24/1 (BRK).

WHITEHEAD *Mohoua albigilla*

Little Barrier I, Waipawa Track, 71 in groups of 2- 7 on 25/1 (PFB). Waikato/King Country region: widespread south of Kawhia-Otorohanga road; recorded from Hauturu Road North, Mahoe SF, Awaroa Valley, Waitomo, Kiritehere, Herangi Range (RC, Sch, ARP, ASR, JMR); Cowans Bush, Rangitoto Range, Pureora, Pukerimu (RD, FN, BHS).

GREY WARBLER *Gerygone igata*

Whale I, quite common on 8-15/7 (BS).

FANTAIL *Rhipidura fuliginosa*

Papakura, bird with normal tail and superciliary stripe but rest of body dark grey, on 21/11 (JP). Whale I, abundant on 8-15/7 (BS). Khandallah, 1 all dark-brown on 2/4/86 (JRC).

PIED TIT *Petroica macrocephala*

Whakaangi Trig, Hihi Bush, 2 in March, thought to be northernmost sighting on record (PA). Puketi, 2 on 3/5 (BW). Waikato/King Country region: widespread reports from Karioi, Pirongia FP, Hauturu Road North, Awaroa Valley, Waitomo, Cowans Bush, Pukerimu, Pureora SF, Mahoe SF, Tawarau SF, Kiritehere, Herangi Range (RC, Sch, FN, ARP, ASR, JMR, BHS, BW). Mount Climie walkway, 2 on 17/5/86 (RNT, KP).

NORTH ISLAND ROBIN *P. australis longipes*

Skinner's Bush, Waingaro, introduced bird's singing on 29/4 (MS, RS).

SONG THRUSH *Turdus philomelos*

Onerahi, first song of season on 6/5 (PA). Papakura, Red Hill, Spur-winged Plover calls regularly incorporated into bird's song on 13/5 (BB). Hamilton, nest with 2 eggs on 6/6 (FB). Hastings, full song heard on 14/3 (KVT).

BLACKBIRD *T. merula*

Onerahi, first song of season on 13/7 (PA). Clevedon, 1 singing after rain on 23/1 (AJG). Ohaupo-Te Rore, nests in hedges spaced on average 90 metres apart (ARP). Mount Maunganui, male in full song on 6/6 (AMcC).

SILVEREYE *Zosterops lateralis*

Auckland, feeding on insects gathered from cow-pats on 22/6 (MG, SG). Papakura, Red Hill, 20+ feeding like sparrows on lawn for several hours after harsh weather on 23/8 (BB). Whale I, numerous on 8-15/7 (BS). HB, common in city gardens, easily attracted to fat and honey water during winter (KVT).

BELLBIRD *Anthornis melanura*

Little Barrier I, Waipawa Track, 28 on 25/1 (PFB). Hunua Ranges, 1 feeding on rata and rewarewa on 17/4, 2 others heard on Repeater Track and from Ranger's house, Moumoukai, on 18/4 (BB, DGB). Matata, numerous among flowering wattles on sand dunes between railway line and beach on 27/8 (PCML). Levin, 1 feeding in *Banksia* on 26/3 (WRJ). Te Marua, Plateau Reserve, 5 on 6/2/86 (JRC). Mt Climie walkway, 5 on 17/5/86 (RNT, KP).

TUI *Prosthemadera novaeseelandiae*

Paranui Bush Reserve, 2 on 8/3 (MH). Waitakere, albino bird near Matuku Reserve on 20/9 (JS, KS). Manurewa, Hill Road, 3 bathing together in bird bath on 29/4 (JVD). Papakura, Red Hill, 1 singing tentatively after

a gap on 13/4. Waihi B, 2 on the Orakau Track on 2/11 (BS). Bowentown B, 2 found dead on beach on 27/2/86 (BC). Mount Maunganui, 1 dead on beach on 27/2/86 (KF). Whale I, 5 seen, 3 in aerial display on 8-15/7 (BS). Mohi Bush, HB, several feeding on supplejack berries on 12/4 (KVT). Te Marua, Plateau Reserve, 5 on 6/2/86 (JRC). Mt Climie walkway, 3 on 17/5/86 (RNT, KP).

YELLOWHAMMER *Emberiza citrinella*

Mangatangi, Bell Road, many hundreds on maize stubble on 3/5 (BB *et al.*). Hamilton, 150 on 8/10 (PC). Bridge Pa, HB, c.80 among strewn hay, on 23/8 (KVT). Moutoa, Foxton, 500 feeding in paddock with c.1000 sparrows (JLM, MM). Owhiro Bay, 257 on newly-seeded playing field on 28/9/85 (JRC).

CIRL BUNTING *E. cirrus*

Mt Victoria, several in mid-April/86 (SB).

CHAFFINCH *Fringilla coelebs*

Onerahi, first full song of season on 20/9 (PA). Clevedon, first song on 14/7 (AJG). Matata, 2 in dune vegetation on 19/7 (PCML). Whale I, numerous on 8-15/7 (BS).

GREENFINCH *Carduelis chloris*

Spirits Bay, a few on 24/4 (ATh). Papakura, Red Hill, 1 singing a whispered *sweet* call on 16/9 (BB). Awhitu Pen, 1 singing on 20/7 (AJG *et al.*). Rangiriri, 280 on 7/6 (ARP). Matata, 10-20 feeding on boxthorn berries on 19/7 (PCML). Whale I, numerous on 8-15/7 (BS). Napier, most noticeable late summer when feeding on garden sunflower seeds; Meeanee, 100+ in ploughed field littered with apples on 23/5 (MT, PWT); Ocean B, HB, small flocks eating ripe seeds of sea rocket along base of banks, on 18/6 (BMT, KVT). Moa Point, c.50 feeding at tide edge on 17/8/85; Turakirae Head, c.100 on 24/8/85 (JRC).

GOLDFINCH *C. carduelis*

Mimiwhangata, abundant on 11/11 (AJG). Papakura, Red Hill, c.50 on rosemary and seeding shrubs in cold conditions on 21/6, an unusually high count for this area (BB). Waikato region, winter flocks usually of 15-20, with a Hamilton report of up to 250 (SCh, ARP). Meeanee, HB, 300+ feeding on nettle in paddock on 23/5 (MT, PWT). Manawatu Est, 30 on 17/4 (JLM, MM).

REDPOLL *C. flammea*.

West Auckland, Redwood Park, 3 on 6/10 (SJD). Whitford Forest, 4 seen, others heard on 19/10 (AJG). Moutmoukai, 5 on 4/11 (AJG, KH, JM), 2 on 16/4 (RL). Awhitu Pen, Pollok Spit, present (JP). Papakura, Red Hill, first record for area, 1 heard in first cold snap on 19/6 (BB). Churchill, Opuatia Swamp, present in some numbers on 30/12; Mangatawhiri Swamp, small numbers in Oct/86 (DAL). Meremere, present (AJG, NCP). Hamilton, ones and twos favouring suburban silver birches in autumn and early winter (BRK). Whale I, numerous on 8-15/7 (BS). Tongariro NP, common in open and scrub on 19-25/1 (BRK). Foxton B, 2 on lawn, reported as first for 15 years (M.T. Robinson *per* WRJ). Lower Hutt, 2 on 30/4 (JLM, MM).

STARLING *Sturnus vulgaris*

Mount Maunganui, Motuotau I, used year-round roost with very large numbers in winter (PCML). Whale I, roosting observed on 8-15/7 (BS).

INDIAN MYNA *Acridotheres tristis*

Fernhill, 100+ at rubbish dump on 18/10; Hastings, c.150 roosting in a single Phoenix palm in June (KVT).

NORTH ISLAND KOKAKO *Callaeas cinerea wilsoni*

Puketi, 1 on 3/5/86 (BW). Hunua Ranges, Kohukohunui Track, 9 in usual locations in Cashmore's and Mangatangi catchments on 11/11 (B. McClure, B. McMillan *per* BB). Golden Cross, near Karangahake, 3 answered taped local calls and sang for 25 minutes (BB). Oparau, Hauturu Road North, max 4 (PB, RC, ARP, ASR, FN). Rotoehu Forest, 5 seen and heard on 1/11 (PCML).

BLACK-BACKED MAGPIE *Gymnorhina tibicen tibicen*

Foxton, 1 on 30/1 (JLM, MM).

MAGPIE sp.

Whirokino, 98 feeding on floodway on 23/5 (JLM, MM).

ROOK *Corvus frugilegus*

Miranda, c.36 on 18/4/86 (RBS, SMT), 50-60 on 30/5, feeding and fighting in paddock most of day, drank from troughs even in rain (JP); Mangatangi, near school, 12 on 17/5 (RBS). Wairoa, *maximum* 49 on 20/1 (GAF). Te Mata Peak, 2 on 20/7 (KVT); Moore Road, Tukituki River, 50 feeding in field (MT, PWT).