

CLASSIFIED SUMMARISED NOTES

NORTH ISLAND

1 July 1983 to 30 June 1984

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Abbreviations: asl — above sea level; BoP — Bay of Plenty; B — Beach; E — estuary; FP — Forest Park; FoT — Firth of Thames; H — Harbour; imm/s — immature/s; juv/s — juvenile/s; I — Island; L — Lake; MH — Manukau Harbour; NP — National Park; Pen — peninsula; R — River; SF — State Forest; SP — Sewage Ponds.

BROWN KIWI *Apteryx australis*

Opuawhanga, both sexes calling fairly regularly as late as 6.20 a.m. on 5/6 (JFS). Little Barrier, quite vocal near homestead on 2-9/8 (TGL); a male calling at night on 15/11 (BB). Tabora, 7 from Northland released between 23/5/83 and 5/2 (MJT).

BLUE PENGUIN *Eudyptula minor*

Kapiti I, 1 in burrow 300 m a.s.l., the highest found, on 2/12 (AJB, TGL).

NEW ZEALAND DABCHICK *Podiceps rufopectus*

Aupouri Pen, Far North, 38 on 10 lakes, Jan (MPK). Horsham Downs, LE, 1 March (MB). Raglan SP, 2 on 25/11 (RSL, LAL). Te Kuiti airfield, present except for June. Te Kuiti SP, 1 on 3 occasions in March and April. L Taharoa, 1 on 23/7 (AMCD). Thornton Lagoon, 3 pairs on 7/8, 5 (2 pairs + 1) on 29/4. Awaiti Wetland Reserve, 3, 2 involved in courtship behaviour

and very aggressive to the third bird on 23/6 (PCML), L Purimu, 3 on 17/9 (KVT). L Oingo, 12 on 3/3 (PWT, MT). Westshore Lagoon, 3 on 30/6 (ARG, ALH, ACS, KVT). Tongariro NP, L Rotokuru, 1 feeding well-grown chick on 24/4 (DAR). Kaitoke I, 6 on 4/6. Marton SP, 26 on 22/1 (BDH); 49 on 8/4 (RAC, SEC); 39 on 4/6. Flock House ponds, 2 adults and 2 chicks on 22/1 (BDH). Omanuka Lagoon 12 on 1/4 (LJD, CRS, PMS). Longburn SP, 1 on 9/1. Manawatu R, at Longburn 1 on 10/3 (MKT). Foxton No. 3 L, 14 on 1/4 (CRS, PMS). Foxton No. 2 L, 1 on 1/1 (JLM, MM). Foxton No. 1 L, 8 on 1/4 (RNT); 3 on 23/4 (JLM, MM). Ngakawau L, 22 on 31/3. Horowhenua L, 62 on 31/3 (WRJ, MO).

AUSTRALIAN LITTLE GREBE *Tachybaptus novaehollandiae*

Aupouri Pen, Far North, 15 on 3 lakes in Jan (MPK).

YELLOW-NOSED MOLLYMAWK *Diomedea chlororhynchos*

Little Barrier, 3 off south landing on 2/8. Mercury I, 1 astern of the tanker *Kuaka* on 4/7 (TGL). Motiti I, 14 km north, 1 adult on 27/7 (PCML). Mt Maunganui B, 1 dead 11/7 (KF, PCML).

NEW ZEALAND BLACK-BROWED MOLLYMAWK

D. melanophrys impavida

Matakana I, 1 dead 18/12 (BC).

WHITE-CAPPED MOLLYMAWK *D. cauta cauta*

Papamoa B, 1 dead on 23/10 (PCML).

SALVIN'S MOLLYMAWK *D. cauta salvini*

Raukokore, 1 dead on 4/11 (WMH, PCML).

LIGHT-MANTLED SOOTY ALBATROSS *Phoebastria palpebrata*

Matata, 1 dead on 16/7 and another later in the year at Maketu (GAT).

GIANT PETREL *Macronectes* sp.

Okato vicinity, 2 offshore on 2/10. Cape Egmont, 1 offshore on 18/3 (DGM). Foxton B, 1 on 27/12, 2 on 18/3 (JLM, MM). Kapiti I, 1 on 15/3. Cook Strait, 2 on 15/1, 3 on 22/1 (TGL).

CAPE PIGEON *Daption capense*

Cook Strait, 12 on 15/1 (TGL).

GREY-FACED PETREL *Pterodroma macroptera*

Cavalli Islands, Motukawanui I, several gathering offshore at dusk on 23/4. Panaki I, freshly cleaned burrows on 23/4. Tutukaka, several to seaward at dusk 24/4 (TGL). Little Ohena I, occupied burrows probably this species on 5/7 (CRV, TGL, IM). Rabbit I, 7 corpses on 7/3 (BHS, JHS).

COOK'S PETREL *P. cookii*

Little Barrier I, two groups 8 and 10 south of I on 27/2, a few over I at night on 2-8/4. Rangitoto Light, 1 to the north on 13/2 (TGL).

BLUE PETREL *Halobaena caerulea*

Papamoa B, 1 flew along beach during storm and later was attacked by Black-backed Gulls on 30/6 (PCML).

PRION spp. *Pachyptila* spp.

Bay of Islands, c. 12 logged across mouth on 24/4 (TGL). Foxton B, c. 10 on 24/12, considerable passage north 20/1 to 28/1, peaking on 24/1 at 1500/2000 per hour (JLM, MM). Cook Strait, a general movement heading south-east at dusk on 21/1 (TGL).

BLACK PETREL *Procellaria parkinsoni*

Little Barrier I, halfway to mainland, 2 following astern on 2/4 (TGL, CMM, IS); 3 on passage on 13/11 (BB). Colville Channel, several astern of boat on 13/12 (TGL).

WESTLAND BLACK PETREL *P. westlandica*

Tory Channel, 2 on 22/1 (TGL).

FLESH-FOOTED SHEARWATER *Puffinus carneipes*

Little Barrier I, common between I and Takatu Point on 2 and 9/4. Hauraki Gulf groups of 15 and 30 feeding with Gannets on 13/2 (TGL). East Cape, passing in westerly direction about 1.5 km offshore at rate of c. 10 per minute on 24/10 (PCML). Slipper I to Mayor I, many on 8/2 (BHS, JHS). Cook Strait, 6 on 22/1. Karori Rock, 1 on 15/1 (TGL).

BULLER'S SHEARWATER *P. bulleri*

Step I, 3 on 24/4. Taiharuru Head, 1 on 20/4. Little Barrier to Takatu Point, a few on 2/4 (TGL); hundreds on 13/11 (BB). East Cape, passing in westerly direction c. 1.5 km offshore at a rate of c. 20 per minute on 24/10 (PCML). Slipper I to Mayor I, many on 8/2 (BHS, JHS). Kapiti I, 1 heading south on 15/3. Karori Rock, 1 on 15/1 (TGL).

SOOTY SHEARWATER *P. griseus*

Foxton B, small numbers in Dec, April, and May (JLM, MM). Kapiti I, occupied burrows in several colonies western clifftops and near sea level eastern coastline, summer 1983/84. Cook Strait, a general north west movement at dusk on 22/1 (TGL).

SHORT-TAILED SHEARWATER *P. tenuirostris*

Papamoa B, 1 alive on 8/12 (PCML).

FLUTTERING SHEARWATER *P. gavia*

Step I, 5 on 24/4. Tutukaka entrance, c. 300 on 25/4. Bream Head, c. 800 on 25/4. Takatu Point, c. 200 in a feeding flock on 2/4; numerous on 2 and 10/8. Mercury Bay, numerous on 4/7 (TGL). Motutapu I, Hauraki Gulf, 380 on water on 18/2 (PB). Foxton B, c. 2000 moving south on 26/11, 100 + on 21/4, small numbers on other occasions (JLM, MM). Kapiti I, 8 heading south on 15/3. Paraparaumu B, 3 small flocks heading south on 22/5. Wellington Heads, c. 200 on 15/1 (TGL).

LITTLE SHEARWATER *P. assimilis*

Step I, 3 on 24/4. Taiharuru Head, 1 on 20/4. Little Barrier I, 2 on south-west on 2/4 (TGL).

DIVING PETREL *Pelecanoides urinatrix*

Step I, 5 on 24/4 (TGL).

AUSTRALASIAN GANNET *Sula bassana serratator*

Hauraki Gulf, feeding flock of c.20 on 13/2 (TGL). Muriwai, stack, 220 occupied nests on 27/11, last young fledged in March; mainland cliff, 13 nests on 27/11 (IAN); 9 nests, 6 with a chick, 2 with 1 egg, 1 empty on 8/1 from which 6 or 7 fledged in early March (MJT). Karaka, 11 offshore on 26/8 (KJF, AVS).

M H census, winter 78. FoT census, summer 2 (BB). Kawhia H census, 9 on 17/6 (BHS). Taharoa, 1 dead in Mar that had been banded at Muriwai in 11/79 (AMCD). Papamoa B, 1 imm. on 28/1. Matakana I, 2 imm. with

1 adult north end on 10/3 (PCML). Cape Kidnappers, Black Reef, all flat rocks covered completely with nests 2/1 (KVT). Oaonui, 47 offshore on 30/10 (RE). Foxton B, recorded in all months except Aug and May, maximum of 13 on 6/11 (JLM, MM).

BLACK SHAG *Phalacrocorax carbo*

Takou Bay, 6 on 12/2/83 (BS). M H census, winter 76, summer 7. FoT census, winter 48, summer 59 (BB). Ring's B, Coromandel Pen, 8 on 5/3. Whitianga, 10 on 6/3 (BS). Ohinewai, Black L, 2 and 3 young in 2 nests on 29/11; 15 on 17/3 (BJZ). L Kimihia, 4 on 17/3 (FN). Horsham Downs, L E, 3 on 17/3. Hamilton L census, 13 on 16/10, 26 on 26/2 (MB). Aotea H census, 4 on 9/11, 2 on 17/6. Kawhia H census, 6 on 9/11, 31 on 17/6 (BHS). Te Kuiti SP, 9 on 25/1 (AMCD). Maraetai Lagoon, 1 on 7/9 (BJZ). L Purimu, 10 on 17/9. Westshore census, 57 on 3/3 (KVT). Whirokino, 54 on pylons and small colony in macrocarpas on 5/5 (JLM, MM).

PIED SHAG *P. varius*

90 mile B, 6 on 25/10 (BHS, JHS). Takou Bay 1 on 11/2/83 (BS). Hamaruru I, roost of 30 on 23/4 (TGL). Hobson Bay, maximum 47 nests on 8/11. Orakei Creek, colony went out of use after a period of low water levels in Orakei Basin in Oct (MJT). M H census, winter 251, summer 155. FoT census, winter 20, summer 22 (BB). Karaka, 62 from Hingaia Inlet colony on 5/4 (JU). L Waahi, 2 on 17/3 (PJA). Kawhia H census, 4 on 17/6 (BHS). Slipper I, c.33, 7 nests, some fully fledged young and adults incubating on 6/2 (BHS, JHS). Kaituna Cut, c.40, c.20 nests many of which contained young on 16/6. Whakatane R mouth, 46 with 6 imm. being fed on 7/8 (PCML).

LITTLE BLACK SHAG *P. sulcirostris*

M H census, winter 84, summer 3. FoT census, winter 27, summer 6. Kawakawa Bay, c.80 fishing on 28/8 (BB). Karaka, 22 on 31/7 (MJT). L Waikare, 16 at outlet on 19/9 (BB, AJG).

Whitianga, c.100 feeding close to wharf on 3/7 (TGL). Hamilton L census, 2 on 16/10, 11 on 26/2 (MB). L Aniwhenua, c.50 on 28/6. Whakatane R mouth, 2 banded on 3/7 (WMH). Rangitaiki R mouth, Thornton Lagoon, flocks of c.35 at mouth and fishing in lagoon on 3/7 (WMH, PCML). Kaituna Cut, 30 feeding at mouth on 6/8. Waikareao E, c.50 roosting at water's edge, 1 banded bird on 17/6 (PCML). Motu R mouth, 20 on 3/11. Haparapara R mouth, 15 on 3/11. Raukokore R mouth, 10 on 4/11. Waiaua R mouth, 5 on 17/11 (WMH). Ahuriri, 160 on 23/10 (PWT, MT); c.170 on 7/4 (ALH, JLL, KVT). Kaitoke L, 60 + on 4/6. Marton Reservoir, 8 on 4/6 (BDH). Foxton Loop, Manawatu R, present Aug, Oct, and March, max. 14 on 9/10. Manawatu R E, present Aug, Jan, May and June, max. 33 on 5/5 (JLM, MM); 46 on 16/6 (WRJ, MO). Horowhenua L, 50 fishing on 10/7 (LJD); 20 + on 30/8 (WRJ).

LITTLE SHAG *P. melanoleucos brevirostris*

Takou Bay, 1 on 11/2/83 (BS). Hobson Bay, max. 47 nests on 8/11; active from Aug to Mar (MJT). M H census, winter 19, summer 17. FoT census, winter 28, summer 9 (BB). Whitianga, colony opposite wharf, 2 carrying nest material and one nest on 27/8 (BS). Ohinewai, Black L, 2 on 17/3. L Hakanoa, 1 on 13/5 (BJZ). Hamilton L census, 1 on 16/10, 24 on 26/2 (MB). Aotea H census, 8 on 17/6. Kawhia H census, 3 on 9/11, 15 on 17/6 (BHS). Te Kuiti airfield, bred second year and 7 young Jan (AMCD). Tuki Tuki R, 11 on 10/9. Westshore census, 44 on 3/3 (KVT).

SPOTTED SHAG *Stictocarbo punctatus*

M H census, winter 5. FoT census, winter 324, summer 1 (BB). FoT, 100+ on 28/8, 21 on 1/10 and 41 on 11/12 (BB, DGB).

Paraparaumu B, 6 feeding, all in pale plumage, on 15/3 and 1 flying out to sea on 22/5 (TGL).

WHITE-FACED HERON *Ardea novaehollandiae*

Takou Bay, 2 on 12/2/83 (BS). M H census, winter 248, summer 311. FoT census, winter 74, summer 199 (BB). Karaka, 50 on 23/1 (SD); 93+ on 17/4 (AVS). Hautapu, 60 feeding in paddock on 31/5 (FN). Aotea H census, 2 on 9/11, 21 on 17/6. Kawhia H census, 16 on 9/11, 103 on 17/6 (BHS). Te Kuiti SP, 40 in June (AMCD). Westshore census, 94 in pines on 3/3 (KVT). L Oingo, 1 stood in water up to lower breast for over an hour on 3/3 (PWT, MT, KVT). Tangoio, 19 in lucerne field on 12/5 (CFM, KVT). Foxton B township, 21 feeding in field undergoing subsoil drainage on 6/6 (JLM, MM). Manawatu R E, 17 on 16/6 (WRJ, MO).

WHITE-NECKED HERON *A. pacifica*

Waipu E, 1 on 3/1 (AG, AG).

WHITE HERON *Egretta alba*

Oakleigh, 1 on 9/6 (PL), Jordan's farm, Kaipara, 2 on 24/8 (MJT); 1 on 1/3 (CE). Lake Whangape, 1 on 24/6 (BB). L Waikare, 1 with 5 White-faced Herons on 4/5 (GW). Matata, 1 all July to 7/8 (PCML, BHS, JHS); 1 from 28/5 to 30/6 (BC, PCML). Waiaua R mouth, 1 from 24/2 to 13/4 (BC, WMH); 2 on 20/6 (WMH). Haumoana Lagoon, 1 on 29/4 (KVT). Onekawa, 1 on 22/5. Taradale, Anderson Park, 1 on 26/5 (MM). Clive R, 1 on 2/6 (MTC, JLL, KVT). Foxton Loop, Manawatu R, 1 in Aug, Oct, and May. Manawatu R E, 1 in May and June (JLM, MM). Levin, Joblins Rd, 1 on 9/5 (WRJ, MO). Horowhenua L, 2 on 21/7 (WRJ).

LITTLE EGRET *E. garzetta*

Ohiwa H, 1 May and June (WMH, RMW). New Plymouth. L Rotomanu, 1 on several occasions from July to June (RWW, AAB, REL, JCM). Horowhenua L, 1 on 28/4 (WRJ).

REEF HERON *E. sacra*

Parengarenga H, 1 on 29/10 (BHS, DHS). Takou Bay, 1 on 11/2/83 (BS). Whitianga, 2 on 4/7 (TGL). Auckland region, isolated sightings of c.10 (MJT). M H census, winter 3, summer 1. FoT census, winter 1, summer 1 (BB). Awhitu Pen, Hudsons B, 1 on 18/11 (JBT, ET); Graham's B, 1 on 27/5 (BB). Kawakawa Bay, 1 on 28/8. Opoutere, 1 on 3/1 (BB). Access Bay, Kaiaua, 1 on 31/7 (SD). Boundary Creek, Thames, 1 on 4/3 (BS). Port Waikato, 1 on 5/3 (BJZ). Raglan H, 2 on 15/4, 1 on 18/3 (RSL, LAL). Aotea H census, 1 on 17/6. Kawhia H census, 4 on 17/6 (BHS). Marakopa R mouth, 1 on 30/3 (AMCD). Rangitaiki R mouth, 1 on 6/8 (BHS, JHS). Ohope B, 2 on 2/10. Opape B, 2 on 1/11. Waiaua R mouth, 2 on 17/11. Waihou Bay, Orete Point, 1 on 5/11. Waiotahi R mouth, 2 on 30/5 (WMH). Whakatane R mouth, 1 on 7/8. Ohiwa H, 2 on 16/10. Kaituna R mouth, 1 on 29/10. Matakana I, north end, 3 on 10/3 (PCML). Tauranga H, Sulphur Point, 1 on 26/11 (AM). Waiaua R mouth, 1 on 1/12 and 14/3 (BC, PCML). Westshore, 1 on 23/10 (PWT, MT). Ahuriri census, 1 on 3/3 (KVT). Kapiti I, odd birds regularly commuting along eastern coastline and 1 breeding pair summer 1983/84 (TGL).

CATTLE EGRET *Bubulcus ibis*

Thoms Landing, 3 in breeding plumage on 27/10 (BHS, JHS). Helensville area, 62 on 20/8; 98 in Oct, often in 2 flocks (CE). Mt Roskill, 1 on 16/4 (MJT). FoT census, winter 65, summer 2. Aka Aka, 19 on 3/5, then 46 and later 70 but all gone by 29/5; 8 or 9 previous year (BB). Piako, 29 on 21/8 (DMW). Waitakaruru, 1 on 26/1 (AJG). Rangiriri, 124 with many White-faced Herons on 28/7 (BHS); 120 among cattle on 28/8 (BJZ). Horotiu, 3 on 26/5 (MB). Hamilton L, 2 in trees on 10/5 (RWL). Hautapu, 4 on 31/5 (TBST). L Ngaroto, 5 on 4/5; 23 on 12/6 (RWD). Taharoa, 4 on 5/6 (RG). Te Kawa West Rd, 3 on 11/5. Waikeria Rd, 2 on 14/5 (RWL). Taharoa village, 14 in early June (AMCD). Kiritehere, 2 on 7/5 (FN); 3 on 12/5 (AMCD). Te Kuiti, 3 for a few days in May (RG). Katikati, on harbour flats, 4 on 6/7 and still present on 10/9 (BC). Awaite Wetlands Reserve, some present on 9/6; 26 feeding with gulls among stock, on being disturbed perched in trees in reserve on 23/6. Maketu, 5 on 16/6 (PCML). Ahuriri census, 1 on 2/7 (KVT); 2 in nuptial plumage on 7/12. Meeanee, 13 on 28/5 (NBM, REW). New Plymouth, Barrett Lagoon, up to 12 July to Oct, 30 on 30/6 (7 observers). Stratford, East Rd, 4 arrived mid-May (JM). Wanganui East, 2 on 28/4 (OCT). Manawatu R E, present until 6/11, maximum 25 on 2/7 (JLM, MM); 6 on 4/3 (LJD); 17 on 16/6. Horowhenua L, 42 on 22/5. Foxton, 28 on 22/5 (WRJ, MO).

NANKEEN NIGHT HERON *Nycticorax caledonicus*

Waiwhetu Stream, Lower Hutt, 1 with colour band W-A on 13/1 (KB, JLK, TGL).

BITTERN *Botaurus poiciloptilus*

Aupouri Pen, 16 on census in Jan (MPK). Opahi, 4 booming on 2/11. Hikurangi Swamp Wildlife Reserve, 5 flushed on 4/9 (JFS). Waiohira, 1 on 29/9 (TGL). L Kereta, 9 on 3/9. Jordan's farm, Kaipara, 1 on 24/8 (MJT). Coroglen, 1 on 6/3 (BS). Waikato North Head, 1 adjacent to NZ Steel intake pond on 2/8 (BJZ). Maramarua, 1 on 18/1. Huntly Bridge, 1 mobbed by Pukekos on 19/4. L Ngaroto, 1 on 10/3 (RSL); 2 on 5/5 (RWD). Marakopa Valley, 1 on 30/3 (AMCD). Matata I, 1 on 6/8 (BHS, JHS). L Aniwhenua, 2 on 28/8. Waiohira R mouth, 1 on 1/2 (WMH). Kaituna Wildlife Reserve, 2 on 6/8. Thornton Lagoon, 2 on 29/4. Awaite Wetlands Reserve, 1 on 9/6 and 23/6 (PCML). Westshore, 1 on 9/8 (REW). Ahuriri, 3 on 3/3 (FHB, NPL). Clive, 1 on 13/4 (NPL). Waitotara R mouth, 1 on 20/11 (DGM). Foxton Loop, Manawatu R, 3 on 21/4 (JLM, MM). Rakauhamama L, 2 on 31/3 (WRJ, MO).

GLOSSY IBIS *Plegadis falcinellus*

Aka Aka, 6 on 30/5, 1 with white on head, apparently an imm; present 24-31/5 and then 8 on 14/7, leaving after a few hours (BB, AJG).

ROYAL SPOONBILL *Platalea regia*

Jordan's farm, Kaipara, 2 on 9/10 (MJT). M H, winter census 1. Rangiriri, 1 on 20/6 (BB). Whakatane R mouth, 1 on 16/7 and 7/8, absent on 2/10 (BC, WMH, PCML); 1 in Feb (AM). Ahuriri, 2 on 20/8 (ARE, KVT); 3 on 25/4 (ALH, ACS). Manawatu R E, present July to Nov, max. 21 on 4/9 and from 18/2 on, max. 24 on 5/5 (JLM, MM, LJD, WRJ). Waikanae E, 2 on 10/1/83 (AJDT).

MUTE SWAN *Cygnus olor*

L Hakanoa, 5 on 17/9 (BHS). Hamilton L census, 2 on 16/10 and 26/2 (MB). L Poukawa, c.18 on 17/6 (KVT). Wanganui, Virginia Lagoon, 7 on 20/1 (JLM, MM).

BLACK SWAN *C. atratus*

FoT census, winter 6. M H census, winter 233. L Whatihua, Waiuku, 14 on 24/7 (BB). Whangapoua Harbour, 100 + on 5/3 (BS). Ohinewai, Black L, 2 on 17/3 (BJZ). Hamilton L census, 98 with 42 young on 16/10, 80 with 3 young on 26/2 (MB). L Hakanoa, 31 including 7 cygnets on 17/9. Aotea H census, 152 on 9/11, 800 on 17/6. Kawhia H census, 44 on 9/11, 760 on 17/6 (BHS). L Taharoa, 1000 + breeding on 17/3, 500 on 3/6, 950 including juvs on 25/6. Te Kuiti SP, 5 on 16/5 (AMCD). L. Poukawa, c.200, 25% grazing with sheep, on 2/8. Westshore census, 215 on 3/3 (KVT). Foxton No. 3 L, 130 on 1/4 (CRS, PMS). Foxton No. 2 L, c.20 on 23/4. Foxton No. 1 L, max. 300 + on 23/4. Foxton Loop, Manawatu R, 55 on 20/8. Whirikino, 4 on borrow pits on 20/8, 2 on 5/5 (JLM, MM).

CANADA GOOSE *Branta canadensis*

L Pupuke Auckland, 6 on 10/7 (MJT). L Hakanoa, 2 on 17/9 (BHS). Hamilton L census, 3 on 16/10 and 26/2 (MB). Matata, 2 on 16/10 and 6/8 (BHS, JHS); 5 on 2/10 (PCML). Kaituna Cut, 1 pair from 29/10 to 14/11, then 4 on 27/11, 2 on 17/3, 7 on 16/6. Little Waihi, 9 on 16/6 (PCML). Ahuriri, southern marsh, 2 on 16/10 (ARG, ALH, KVT). Te Awanga, 16 in sea just offshore on 15/12 (JLM, MM). New Plymouth, Barrett Lagoon, 120 on 1/4 (DGM). Foxton No. 1 L, 2 on 26/12, 23/4 and 3/6 (JLM, MM). Horowhenua L, 4 on 31/3 (WRJ, MO).

PARADISE DUCK *Tadorna variegata*

Paua, 52 + on 29/10 (BHS, JHS). Aupouri Pen, Far North, 1222 on Jan census (MPK). Waiwera SP, pair with 6 young on 12/11; Straka's refuge, c.50 on 10/4 (MJT). MH census, winter 18. FoT census, winter 18, summer 3. Wharekawa, FoT, pair with 8 young on 11/12. Tuakau, 32 on 24/6 (BB). Karaka, 20 on 10/3 (SD). L Hakanoa, 1 pair on 28/7 (BHS). Hamilton L census, 1 on 16/10 (MB). L Taharoa, 100 + on 30/1. Te Kuiti SP, 600 on 29/1. Marakopa, 100 on 6/2 (AMCD). Matata, 58 on 6/8 (BHS, JHS, PCML); 1 with 6 ducklings on 16/10, 35 on 5/5. Maketu, 1 pair on 7/8 and 29/10. Omaio, 1 on 23/10. Raukokore, 10+ 1 dead on 23/10. Potaka, 8 on 23/10. Thornton Lagoon, 1 pair on 29/4 (PCML). Ahuriri, 4 on 13/12 (JLM, MM); census, c.264 on 3/3 (KVT). Te Mata, 10 on 15/12 (JLM, MM). Awakino-Uruti, 113 on 29/4. New Plymouth, Barrett Lagoon, 73 on 12/2 (DGM, JCM). Wanganui R at Wanganui, 1 male from 2/7 to 7/8 (OCT). Koitiata L, 300 on 1/4 (GRS). Omanuka Lagoon, 105 on 1/4 (LJD, CRS, PMS). Foxton No. 2 L, 15 on 23/4. Foxton No. 1 L, 2 in Aug, Oct, and Apr. Foxton Loop, Manawatu R, 1 on 20/8 (JLM, MM). Waikanae E, 39 on 25/5 (AJDT). Kapiti I, 1 pair, 8 ducklings on 14/11 (TGL).

MALLARD *Anas platyrhynchos*

Ohinewai, Black L, c.185 on 17/3. Maraetai Lagoon, 1 on 7/9 (BJZ). L Kimihia, 56 (including Grey Duck) on 17/3 (FN). L Hakanoa, 1 pair on 28/7; 2 clutches of young on 17/9. Aotea H census, 5 on 9/11, 280 on 17/6. Kawhia census, 17 on 9/11, 233 on 17/6 (BHS). Horsham Downs, LE, 150 on 17/3. Hamilton L census, 280 + 98 young on 16/10, 2560 on 26/2 (MB). Te Kuiti SP, first broods present on 21/9, max. 1000 + on 4/5 (AMCD). Matata, c.1000 on 5/5 and 23/6 (PCML). Waitangi, Hawke's Bay, census, 300 on 2/7. Westshore census, c.185 on 3/3 (KVT); c.400 on 30/6 (ARG, ALH, ACS, KVT).

GREY DUCK *A. superciliosa*

MH census, winter 9, summer 17 (BB). Waikato North Head, 6 on NZ Steel settling ponds on 2/8. Maraetai Lagoon, 2 on 7/9 (BJZ). Hamilton

L census, 1 on 26/2 (MB). Pirongia West Rd, 5 on 29/1. Kawhia H census, 3 on 17/6 (BHS). Te Kuiti SP, usually 1 pair but 10 juv. appeared on 20/11 (AMCD). Kaituna Wildlife Reserve, 2 pairs on 6/8. Whakatane R mouth, 4 on 7/8. Matata, c.30 on 5/5 (PCML). L Purimu, 3 on 17/9 (KVT). Westshore, 1 on 3/3 (AEB, HR, RP). Koitiata L, 20 on 1/4 (GRS). Omanuka Lagoon, 10 on 1/4 (LJD, CRS, PMS). Manawatu R E, 10 on 5/5 (JLM, MM).

GREY TEAL *A. gibberifrons*

Straka's refuge, Waiwera, 6 on 10/4 (MJT). MH census, winter 6. FoT census, winter 607, of which 600 were at Piako. Karaka, 30 on 19/2 (BB). Whangamarino, 12 + on 19/9. L Waikare, 2 on 19/9 (BB, AJG). Ohinewai, Black L, 60 on 17/3 (BJZ). L Hakanoa, east end, 17 + on 28/7, 20 + on 17/9 (BHS); west end, 12 + on 13/5. Hamilton L, model boat harbour, 1 on 9/6 (BJZ). Lake Kimihia, 24 on 17/3 (FN). Kaituna Cut, c.150 on 17/3 and 16/6 (PCML). Katikati, a pair raised 4 young, not previously seen on property spring 1983 (BC). Westshore census, 255 on 3/3 (KVT). Kaitoke L, 12 on 4/6 (BDH). Foxton No. 1 L, 10 on 1/4 (RNT); 3 on 23/4. Manawatu R E, 47 on 2/7, 7 on 5/5 increasing to 45 by 24/6 (JLM, MM). Horowhenua L, 9 on 31/3 (WRJ, MO). Wairongomai L, 15 on 31/3 (RNT). Waikanae E, 3 on 10/5 (AJDT).

BROWN TEAL *A. chlorotis*

Great Barrier I, Redlands Stream, 8 on 1/12; Awana Creek and flats, 2 flocks totalling c.165 on 2/12 (BHS, JHS).

Kapiti I, 1 well-grown duckling near ranger's house on 2/1, birds seen with young in Taepiro headwaters c.300 m a.s.l. summer 1983/84, and 2 Okupe Lagoon on 4/3 (TGL).

NEW ZEALAND SHOVELER *A. rhynchotis*

Straka's refuge, Waiwera, 3 on 12/11, 10 on 10/4 (MJT). MH census, winter 16. Miranda, 18 on 17/7 (BB). Ohinewai, Black L, 1 male and 2 female on 17/3 (BJZ). L Kimihia, 3 on 17/3 (FN). L Hakanoa, 1 pair on 28/7 and many males, pairs doing nuptial flights on 17/9 (BHS). L Taharoa, 10 on 17/3. Te Kuiti SP, present all year with max. 25 on 11/3 (AMCD). Matata, c.150 on 5/5 (PCML). Westshore Ponds census, 47 on 3/3 (KVT); c.170 on 30/6 (ACS, KVT). New Plymouth, Barrett Lagoon, 2 on 15/5 (A Gra, A Gre). Kaitoke L, 187 on 4/6 (BDH). Foxton No. 3 L, 122 on 1/4 (CRS, PMS). Foxton No. 1 L, 200 on 23/4 (JLM, MM). Manawatu R E, 37 on 16/6 (RWJ, MO). Papaitonga L, 352 on 31/3 (RNT).

NEW ZEALAND SCAUP *Aythya novaeseelandiae*

Aupouri Pen, 20 on census in Jan (MPK). Straka's refuge, Waiwera, 3 on 12/11, 14 on 10/4 (MJT). Horsham Downs, L E, 1 on 17/3 (MB). L Taharoa, 120+ on 23/7. Te Kuiti SP, 1 on 23/9 and 10/3 (AMCD). Maraetai Lagoon, 6 on 7/9 (BJZ). Matata, 30 on 3/7, 29/4, 23/6. Thornton Lagoon, 20 on 29/4 (PCML). L Oingo, c.23 on 31/3 (PWT, MT). New Plymouth, Barrett Lagoon, 8 the largest count to date, on 1/4. L Mangamahoe, 83 on 8/4 (DGM, JCM). Horowhenua L, 7 on 31/3 (RWJ, MO). Papaitonga L, 10 on 31/3 (RNT).

AUSTRALASIAN HARRIER *Circus approximans*

Opuawhanga, 4 on 19/7, courtship displays and calling (JFS). Matata, a beautiful pale cock on 11/4 and 23/6 (PCML, RMW). Westshore, 1 chased by Spur-winged Plover on 20/8; 1 being chased by 2 Black-backed Gulls on 24/1; census, 9 on 3/3 (KVT); 47 flying into rushes for night roost on 2/6 (REW).

NEW ZEALAND FALCON *Falco novaeseelandiae*

Puketī SF, 1 on 5/2 (SEC, RAC). Karioi, 1 above summit on 26/2 (BJZ). Marakopa B, 1 on log eating NZ Pigeon on 15/7. Bennydale, 1 on many occasions each winter since 1979 chasing starlings and domestic pigeons over the township (AMCD).

Te Kuiti, 1 on 17/7. Mangaokewa SF, 1 attacking small passerine with alternate upward and downward stoops on 2/4. Piro Piro Flats, 1 attacking Harrier on 29/11 (RG). Taupo, Tarawera Hotel, 1 on 8/5/82 (GJE). Kaweka Range, Donald R, 1 pair on 19/12. East Ruahines, Mangleton, 1 adult 1 imm. on 6/4. Puketapu, 1 male on 8/4 (REW). Hastings, Frimley Park, 1 eating feral pigeon on 8/4 (JGH). Waitiri Block, 2 on 24/4. Te Haroto, 2 on 26/4. Puketitiri, 1 regularly visiting a farm for a week in search of homing pigeons April (REW). Turoa Mountain Rd car park, 1 on 28/8 (MKT). Kapiti I, 1 at the western cliffs and 1 at Rangitira in April (TGL).

BROWN QUAIL *Synoicus ypsilophorus*

Waitiki Landing, 3 on 27/10. Tapotupotu B, 2 on 27/10 (BHS, JHS). Ahipara B, 3 on 23/3. Opuawhanga, 1 on 25/11, calling incessantly (JFS). Motukawanui I, common in open areas on 23/4. Moturoa I, Bay of Islands, numerous on 29/9 (TGL). Tawarau SF, 4 in pines on 7/3, family crossing firebreak in Apr (RG). Kaituna Cut, 2 pairs on 29/10. Papamoa, 1 on 8/10. Waiaua R mouth, small flock on 1/12 (PCML). Katikati, 3 pairs + 1 feeding on buttercup flowers on 24/11 (BC).

CALIFORNIAN QUAIL *Lophortyx californica*

Moturoa I, Bay of Islands, numerous on 29/9 (TGL). Red Hill, Papakura, lame female daily made climb up steep hill with mate and dwindling family from March until winter (BB). Tuapiro — Katikati, c.50 on 20/6 (BC). Hastings, 1 in garden eating violet leaves and cabbage on 14/10 (KVT).

BANDED RAIL *Rallus philippensis*

FoT, 3 on 27/11 (BB). Raglan SP, 1 on 25/11 (RSL, LAL). Waiotahi R mouth, 1 on 7/5. Ohiwa H, 1 on 25/5 and 25/6. Ohiwa H, Wainui Rd, 2 on 6/6 (WMH).

WEKA *Gallirallus australis*

Huia, Waitakere Ranges, 1 with chick on 2/4 (BS).

SPOTLESS CRAKE *Porzana tabuensis*

Nga Hau Swamp, 3 on 1/9. Whananaki, 2 on 6/9 (JFS). Waiuku SF, 1 responded to taped calls on 21/8. Awhitu Pen., 3 responded to taped calls and 1 seen on 27/5 (BB). L Ngaroto, 1 seen and several heard on 5/5 (RWD). L Aniwhenua, 3 on 28/8 (WMH). East Clive, 1 responded to tape on 23/8 (PWT, MT). Foxton, Round Bush, 1 heard responding to tape on 29/12. Papaitonga L, 1 heard responding to tape on 5/5 (JLM, MM).

PUKEKO *Porphyrio melanotus*

Great Barrier I, Awana Creek flats, 40 + on 2/12 (BHS, JHS). L Hakanoa, many on 28/7 (BHS). Hamilton L census, 4 on 16/10, 3 on 26/2 (MB). Te Kuiti SP, maximum 115 within 500 m on 12/7 (AMCD). Westshore census, 34 on 2/7. L Poukawa, c.90 on 2/8 (KVT).

AUSTRALIAN COOT *Fulica atra australis*

Aupouri Pen, 1 on census in Jan (MPK). Western Springs, 3 on 20/10; pair with 2 chicks on 5/12 (CJ); pair feeding 1 fledgling on 14/1 (MJT). Hamilton L census, 98 with 20 young on 16/10, 132 on 26/2 (MB); 30 on 9/6. L Hakanoa, 2 + on 13/5 (BJZ). Wanganui, Virginia L, c.50 adults with

many juv. on 20/1. Horowhenua L, 1 on 3/3 (JLM, MM). Palmerston North, Centennial Lagoon, 13 adults with 3 juv. on 6/2 (LJD).

SOUTH ISLAND PIED OYSTERCATCHER *Haematopus ostralegus finschi*

Parengarenga H, 14 on 29/10 (BHS, JHS). Takou Bay 1 on 12/2/83 (BS). Whangarei, H survey, 3793 on 3/3 (MPK). MH census, winter 28 042, summer 4555. FoT census, winter 11 590, summer 1941. Karaka, 6000+, on 19/2. Sand I, Waikato R, 90 on 24/7 (BB). Aotea H census, 95 on 9/11, 400 on 17/6. Kawhia H census, 544 on 9/11, 2600 on 17/6 (BHS). Taharoa, 5 on 30/1 (AMCD). Tauranga H, Bowentown Shell banks, 63 on 26/11, c.400 on 10/3, c.450 on 17/6 (BC, PCML). Little Waihi, 3 on 6/8 (BHS, JHS); 12 on 16/6 (PCML). Westshore census, 20 on 2/7, 20 on 3/3 (KVT); 4 on 13/12 (JLM, MM). Mangatahi, Ngaruroro R, 2 on 1/9, 1 on 2/6 (PWT, MT). Waitotara R mouth, 4 on 20/11. Mohakatino E, 15 on 29/4 (DGM, JCM). Manawatu R E, recorded in all months, max. 85 on 4/3 (JLM, MM).

VARIABLE OYSTERCATCHER *H. unicolor*

Rarawa B, 10 on 24/10. 90 Mile B, 18 on 25/10 (BHS, JHS). Takou E, 26 on 11/2/83 (BS). Moturoa I, Bay of Islands, 1 pair on 29/10. Smuggler's Cove, Whangarei Heads, a pair incubating on 23/10. Whangarei H survey, 15 on 3/3 (MPK). Whitianga, 4 on 4/7 (TGL). Waiwera E, 22 roosting with c.100 SIPO on 14/4 (MJT). MH census, winter 6, summer 7. FoT census, summer 1. Opoutere Spit, 16 adults and 5 large chicks on 3/1; c.40 on 3/6 (BB). Matarangi B, 4 on 27/8. Tairua, 22 on 27/8 (GMHP). Simpson's B, pair with 1 egg on 19/1. Ring's B, 7 on 5/3. Whitianga, 11 on 6/3 (BS). Weymouth, 1 on 5/9 (AVS). Waikato R mouth, c.10 on 4/9 (AJG). Aotea H census, 2 on 9/11, 17 on 17/6. Kawhia H census, 8 on 9/11, 6 on 17/6 (BHS). Marakopa and Taharoa always present, breeding presumed. Marakopa, 11 on 8/5. Taharoa, 5 on 17/3 (AMCD). B of P, Opoutere to East Cape survey, c.100 breeding pairs and c.90 others Oct/Nov (PCML). Tauranga, Bowentown Shellbanks, 17 on 17/6 (BC); Sulphur Point, 5 pairs with 1 half-grown chick and 2 younger chicks on 1/1 (PCML); Sulphur Point, 58 on 17/6. Matakana I, north end, 8 pairs on 18/10 (KF, AM); south end, 14 pairs + 1, 8 nests with eggs (BC, PCML). Maketu Spit, 7 pairs establishing territories on 2/10, 7 pairs + 3 others, 1 nest with 3 eggs on 29/10 (PCML). Little Waihi, 33 on 6/8 (BHS, JHS); 18 on 2/10. Rangitaiki R mouth, 2 pairs on 7/8 (PCML). Whakatane R mouth, 30 on 3/7 (WMH); 50 on 7/8, 51 on 2/10 (PCML); 32 on 24/10 (WMH). Otara, Waiana, Torere, Motu, Haparapara, Kereu, Raukokore and Whangaparaoa R mouths, usually 1 pair on Oct/Nov survey (WMH, PCML). Te Araroa to East Cape, 4 pairs + 3 on 24/10 (PCML). Cape Kidnappers, Black Reef, 2 on 2/1. Porangahau, 4 on 28/1 (KVT). Ocean B, 4 on 4/5 (ALH, MAR, KVT). Waitotara R mouth, 3 on 20/11 (DGM, JCM). Manawatu R E, recorded in all months (JLM, MM); maximum 12 on 16/6 (WRJ, MO). Levin, Hokio Stream mouth, 4 on 19/6 (MO).

SPUR-WINGED PLOVER *Vanellus miles novaehollandiae*

Aupouri Pen., 13 on census in Jan (MPK). Mangawhai E, 2 on 25/9 (GJE); 5 on 19/11 (MJT). FoT census, winter 5. Red Hill, Papakura, 3 flying south on 1/12 (BB). Orere Point, 3 on 7/8 (AJG). Wharekawa, 3 on 12/9 (BHS); pair mating on 1/10 (BB, DGB). Whangamarino 23 on 30/7 (MH, JL); 9 on 19/9 (BB, AJG). Kopuku, 4 on 19/9 (BB, AJG). L Whangape, 17 on 17/3. L Waahi, 2 on 17/3 (PJA). Mangapehi, common and increasing. Marakopa, 7 on 6/2 (AMCD). Taupiro, Katikati, 3 overhead on 24/10 (BC). Papamoa, 2 on 6/5 (PCML). Maketu, Kaituna Cut, 2 on 6/8 (BHS, JHS); village, 1 pair with 2 half grown young on 7/8, 1.5 km

away, 6 on 16/6. Tarawera R mouth, 1 on 16/7, 2 on 29/4. Horoera, 4 on beach on 24/10 (PCML). Westshore, 1 on 13/12 (JLM, MM). Ahuriri, 43 on 2/2 (LRL, JGG). Flaxmere, 2 mobbed by flock of starlings on 3/5 (JGH). Wanganui R at Wanganui, 9 on 13/11. Turakina R E, 16 in flight on 21/1 (OCT). Manawatu R E, 25 on 2/7, 27 on 3/1 (JLM, MM). Horowhenua L, 16 on 31/3 (WRJ, MO).

LEAST GOLDEN PLOVER *Pluvialis fulva*

Parengarenga H, 12 on 25/10 (BHS, JHS). Whangarei H survey, 5 on 3/3 (MPK). MH census, summer 30 (BB). Karaka, 1 on 24/9 (TC); 25 on 24/11, 29/1 (SD, KJF); 13 + on 21/3, 1 in almost full breeding plumage (BHS). Kaituna Cut, 14 on 29/10, 22 on 17/3, 11 on 24/3 (WMH, PCML). Ohope Spit, 9 on 11/10 (WMH); 11 on 16/10 possible recent arrivals (PCML); 20 on 2/12, 21 on 10/3 (WMH). Westshore, 47 on 13/12 (JLM, MM); 1 on 2/7 (NBM); census, 20 on 3/3 (KVT). Ahuriri, 57 on 24/11 (DA). Manawatu R E, present from 25/9 to 18/3, max. 32 on 3/3 (JLM, MM).

NEW ZEALAND DOTTEREL *Charadrius obscurus*

Rangau H, 18 including 1 juv. on 28/10 (BHS, JHS). Takou Bay, 25 on 11/2/83 (BS). Whangarei H survey, 52 on 3/3 (MPK). Whananaki, 15 on 31/5 (JFS). Moturoa I, Bay of Islands, 2 pairs, 1 with nest and 1 egg on 29/10 (TGL). Tahuna-Torea Reserve, 3 egg nest on 29/10, subsequently failed (GJE, MJT). Te Matuku Bay, Waiheke I, 31 on 26/2, 18 on 19/3, 25 on 12/4 (BS). Great Barrier I, Awana B, 1 pair with chick on 4/12 (BHS, JHS). Matarangi B, 2 on 27/8. Buffalo B, 1 pair on 27/8 (GMHP). MH census, winter 35, summer 23. FoT census, winter 18, summer 8. Opoutere Spit, 15 on 3/1 (BB). Auckland International Airport, 16 on 28/3 (KJF). Puhinui Creek refuge, 15 on 4/3 (BB, RC, KJF). Karaka, 9 on 31/8 (SD); 13 on 15/4 (KJF). Mataitai, 6 + on 28/8 (BHS). Kawakawa Bay, 1 on 28/8 (SD). Waikato River, near mouth, 12 on 4/9 (AJG). Taramaire South, one incubating eggs on 9/11 (BC); 7 on 21/1. Miranda, pair with 1 fledged young on 23/1 (BHS). Aotea H census, 4 on 9/11 and 17/6. Kawhia H census, 8 on 9/11, 12 on 17/6 (BHS). Taharoa and north of Marakopa R, breeding presumed at both beaches (AMCD). Opoutere to Cape Runaway, Oct, Nov survey, c.70 breeding pairs and c.20 others (PCML). Bowentown, 11 on 17/6 (BC). Sulphur Point, 19 on 17/6 (KF, AM). Maketu, 28 on 16/6. Little Waihi, 11 on 16/6 (PCML). Ohope Spit, 50 on 10/3, 30 on 23/6. Whangaparaoa to Cape Runaway, an isolated breeding group of 4 on 4/11 (WMH).

BANDED DOTTEREL *C. bicinctus*

Whangarei H survey, 165 on 3/3 (MPK). Miranda, 15 on pasture on 3/9 (TGL). Great Barrier I, Awana B, c.9 and 1 nest with 3 eggs on 4/12 (BHS, JHS). Auckland International Airport, 150+ on 28/3 (KJF). MH census, winter 1010, summer 1. FoT census, winter 39, summer 3 (BB). Karaka, 22 on 1/2 (SD); c.200 on 21/3, all in eclipse plumage (BHS); 250+ on 5/5 (BB). Miranda, pair on territory on 1/10 (BB, DGB); 200+ on 23/1 (SD). Access Bay, pair with 2 flying young on 10/11 (AJG, BB). Raglan H, 3 on 15/4, 1 on 29/4 (RSL, LAL). Kawhia H census, 1 on 9/11, 387 on 17/6 (BHS). Taharoa, 13 on 30/1 (AMCD). Bowentown B, 65 on 31/3, c.217 on 14/6. Matakana I, north end, 3 pairs nesting on 18/10 (BC); south end, 3 pairs nesting on 5/11. Sulphur Point, 4 pairs nesting on 5/11; 70 on 1/1 (PCML); c.200 on 17/6 (PCML, AM). Kaituna Cut, c.50 on 6/8 (BHS, JHS); 3 pairs

on 29/10, c.200 on 4/3. Otamarakau B, 4 pairs nesting on 8/10. Herepuru stream mouth, 4 pairs nesting on 16/10. Tarawera R mouth, 1 pair on 7/8 (PCML). Ohope Spit, 106 on 2/8, c.50 on 10/3, c.350 on 23/6 (WMH); 8 pairs nesting on 16/10. Waiaua R mouth, 1 pair with 2 full grown young on 1/12 (PCML); 4 on 30/4 (WMH). Motu R mouth, 1 pair on 23/10. Omaio B, 1 pair on 23/10 (PCML). Raukokore R mouth, 20 with 1 chick on 4/11 (WMH). Whangaparaoa B, 2 pairs nesting on 23/10. Te Araroa B, 1 pair nesting on 23/10 (PCML). Tuki Tuki R, c.22 on 31/7. Havelock North, c.65 in freshly ploughed field on 6/8 (KVT). Clive, 1 on 14/12 (JLM, MM). Westshore census, 28 on 3/3 (KVT). Mangatahi, Ngaruroro R, c.50 flying and wheeling on 2/6 (PWT, MT). Mokau E, 1 on 29/12 (RWW). Manawatu R E, maximum 50+ on 19/2 (JLM, MM).

RINGED PLOVER *C. hiaticula*

FoT, Access Bay, 1 first seen on 9/11, confirmed 10/11, and remained until 19/5; a first southern summer bird on arrival, it was in full breeding plumage when last seen (BB, BC, SD, AJG).

MONGOLIAN DOTTEREL *C. mongolus*

Karaka, 1 on 24/9, (TC); 1 on 9/1 (DS); 1 on 10/3 (SD); 2 colouring up on 7/4 (KJF).

LARGE SAND DOTTEREL *C. leschenaultii*

Karaka, 1 on 24/11, 23/1 (SD). FoT census, winter 1, summer 1 (BB). FoT, 2 on 29/10, 9 on 10/11 (BB, BC, SD, AJG).

BLACK-FRONTED DOTTEREL *C. melanops*

Kaituna Cut, 1 on 7/8 (PCML). Porangahau, 1 pair with nest on edge of swollen river on 10/12, eggs successfully hatched (CST, JT). Mangatahi, Ngaruroro R, 6 including 1 on nest with 2 eggs on 1/9 (PWT, MT, KVT). Te Mata, 1 pair with 3 fledged chicks on 15/12 (JLM, MM). Westshore census, 14 on 3/3 (KVT). Waimarama, 3 on 4/5 (ACS, BMT). Marton Reservoir, 7 on 4/6 (BDH). Omanuka Lagoon, 15 on 1/4 (LJD). Hokio B, 3 on 30/6 (RNT).

WRYBILL *Anarhynchus frontalis*

Whangarei H. survey, 73 on 3/3 (MPK). MH census, winter 8/7, summer 21 (BB). Karaka, 250 on 26/8 (KJF, AVS); 90 on 19/2 (BB). FoT census, winter 2561, summer 45 (BB). Access Bay, 1500 on 13/7 (BB, BAB); 2500 on 25/4 (BB, DGB). Miranda, 70 on 25/9 (SD). Kaituna Cut, 1 on 7/8. Matahui Point, 25 on 17/6 (PCML). Sulphur Point, 3 on 26/11, 24 on 1/1, 52 on 17/6 (KF, PCML, AM). Waitangi census, 3 on 2/7 (KVT). Ahuriri, 1 on 3/3 (FHB, NPL). Manawatu R E, recorded in all months, max 57 on 25/9 (JLM, MM); 2 banded birds in a flock of 18 on 12/1 (RJW). Hokio B, 10 on 30/6 (RNT). Waikanae E, 27 on 4/10/81 (AJDT).

FAR-EASTERN CURLEW *Numenius madagascariensis*

Parengarenga H, 4 on 25/10 (BHS, JHS). Access Bay, FoT, 2 on 5/9 (TGL). MH census, winter 6, summer 3 (BB). Karaka, 9 on 23/1 (SD). FoT census, summer 7 (BB). Kaiaua, 6 on 16/10 (RC, MJT); 7 on 13/1 (CS, KM). Manawatu R E, present from 8/10 to 18/3, max 3 from 30/12 to 4/3 (JLM, MM).

ASIATIC WHIMBREL *N. phaeopus variegatus*

Parengarenga H, 21 on 25/10. Rangaunu H, 19 on 28/10 (BHS, JHS). Whangarei H survey, 10 on 3/3 (MPK). MH census, summer 3. MH, from 1 to 3 between 21/11 and 6/5. FoT census, winter 2(BB). Miranda, 1 on

25/9 (SD). Kaituna Cut, 1 on 17/3 (BC, PCML). Ohope Spit, 1 on 11/10 (WMH). Manawatu RE, 1 from 22/10 to 6/11 (JLM, MM).

AMERICAN WHIMBREL *N. phaeopus hudsonicus*

Parengarenga H, 1 on 25/10 (BHS, JHS). Karaka, 1 on 29/1 (KJF).

WHIMBREL sp.

Karaka, 12 on 9/1 (DS); 10 with 2 Asiatics on 19/2 (BB); 7 on 15/4 (KJF). FoT census, summer 9 on 27/11 at Piako (BB).

LITTLE WHIMBREL *N. minutus*

Manawatu RE, 1 from 15/1 to 18/2 (LJD, JLM, MM).

ASIATIC BLACK-TAILED GODWIT *Limosa limosa melanuroides*

Manawatu RE, 1 from 2/7 to 29/9 (RAC, SEC, LJD, JLM, MM).

BAR-TAILED GODWIT *L. lapponica*

Parengarenga H. 45 on 25/10. Ranganu H, c.6000 on 28/10 (BHS, JHS). Whangarei H survey, 3170 on 3/3 (MPK). MH census, winter 1943, summer 18 759. FoT census, winter 755, summer 4914 (BB). Karaka, 500 on 26/8 (KJF, AUS); 9000 on 4/12 (BB); 60 on 17/4 (KJF). Access Bay, 90 on 18/8 (BB, BAB); c.8000 on 20/11 (PCML); 300 + on 25/4 (BB, DGB). Miranda, 1500 on 1/10 (PCML). Opoutere, 90 on 23/12 (BB). Aotea H census, 1100 on 9/11, 35 on 17/6. Kawhia H census, 4575 on 9/11, 152 on 17/6 (BHS). Marakopa, 1 on 1/10 (AMCD). Bowentown shellbanks, c.1300 on 26/11, 250 on 10/3, 815 on 3/6, 280 on 17/6 (BC). Matahui Point, c.60 on 14/8, c.1000 on 17/6 (PCML). Matakana B, c.1000 on 26/11 (BC). Sulphur Point, c.2500 on 26/11 (KF, PCML, AM). Omokoroa Golf Course, 3 on 17/6 (PCML). Kaituna Cut, 22 on 6/8 (BHS, JHS); c.250 on 29/10, 426 on 27/11, 367 on 17/3. Maketu, 14 on 16/6. Little Waihi, 29 on 16/6 (PCML). Ohope Spit, c.3600 on 10/11, c.2100 on 10/3, c.250 on 30/6 (WMH). Westshore, 400 on 12/11 and 13/12 (PWT, MT, JML, MM). Porangahau RE, c.45 on 28/1 (KVT). Wanganui R at Wanganui, 53 on 10/3 (OCT). Manawatu RE, present in all months, 10 on 3/9, 430 on 25/12 (JLM, MM); 56 on 30/6 (CRS, PMS).

GREENSHANK *Tringa nebularia*

Matahui Point, 1 between 2/7 and 17/6, was still in winter plumage (BC, PCML).

MARSH SANDPIPER *Tringa stagnatilis*

Karaka, present from 29/1 to 17/4, a pale bird (5 observers). Westshore, 1 on 12/11 (PWT, MT, ALH).

SIBERIAN TATTLER *T. brevipes*

Ranganu H, 1 on 28/10 (BHS, JHS). Access Bay, May 1983 to 6/4 (BB).

TATTLER sp.

Tahunamanu I, 1 very shy on 11/10 and 4/1 (BC).

COMMON SANDPIPER *T. hypoleucos*

Waipu E, 1 on 3/1 (AG, AG). Waiaua R mouth, 1 between 9/11 and 14/3 (BC, WMH, PCML, AM). Manawatu R at Longburn, 1 from 26/8/81 to 6/9/81 (MKT).

TEREK SANDPIPER *Xenus cinereus*

Karaka, 1 on 26/8 (KJF, AVS); 3 from 24/9 to 24/3 (TC, SD, AH). Miranda, 3 on 25/9 (SD); otherwise 1 or 2 until 24/3 (BHS).

TURNSTONE *Arenaria interpres*

Parengarenga H, 7 on 25/10. East B, c.40 on 26/10. Rangaunu H, c.500 on 28/10 (BHS, JHS). Whangarei H survey, 4 on 3/3 (MPK). MH census, winter 77, summer 576, FoT census, winter 62, summer 321 (BB). Karaka, 10 on 26/8 (KJF, AUS); c.400 on 19/2 (BB); c.20 on 17/4 (AVS). Access Bay, 28 on 23/8 (SD); 281 on 2/11 (BAE). Miranda, 120 on 25/9 (SD). Kawhia H census, 4 on 9/11 (BSH). Bowentown shellbanks, 400 on 26/11, 24 on 17/6 (BC). Matakana B, c.550 on 10/3 (BC, PCML). Sulphur Point, 2 on 26/11 (KF, PCML, AM). Matahui Point, 58 on 14/8 (PCML). Kaituna Cut, 9 on 6/8 (BHS, JHS); 36 on 27/11, 20 on 4/3. Little Waihi, 1 on 2/10 (PCML). Waitangi, 7 on 13/11 (PWT, MT). East Clive, 2 feeding on top of concrete sewer outfall on 10/12 (JGH, RMH, KVT). Westshore, 1 on 11/12. Haumoana, 4 on 12/12. Manawatu RE, 1 or 2 present from 24/9 to 29/1 (JLM, MM). Waikanae E, 4 on 20 and 27/11 (AJDT).

KNOT *Calidris canutus*

Rangaunu H, c.6000 on 28/10 (BHS, JHS). Whangarei H survey, 4938 on 3/3 (MPK). MH census, winter 1797, summer 15 051. FoT census, winter 62, summer 1901 (BB). Karaka, 6000 + on 9/10; 10 000 on huge tide on 19/2 (BB); 1 partial albino on 24/11 and 19/2 (SD). Access Bay, c.5000 many showing broken colour on 1/10; c.200 on 25/4, still some bright birds (BB, DGB). Kawhia H census, 14 on 9/11 (BHS). Bowentown shellbanks, 14 on 26/11 (BC). Matahui Point, 3 on 14/8, 80 on 21/3, 16 on 17/6 (BC, PCML). Sulphur Point, 3 on 26/11 (PCML). Kaituna Cut, 73 on 27/11, 120 on 17/3 the highest count ever for the BoP (PCML). Ohope Spit, 7 on 11/10 (WMH). Westshore, 10 on 16/10 (ARG, ALH, KVT); 1 on 11/12 (JLM, MM). Waitangi, 10 on 25/12 (KVT). Manawatu RE, present from 24/9 to 7/4, max 253 on 30/1 (JLM, MM).

SHARP-TAILED SANDPIPER *C. acuminata*

Parengarenga H, 1 on 29/10 (BHS, JHS). Takou Bay, 2 on 13/2/83 (BS). MH census, summer 14. FoT census, summer 6 (BB). FoT, 6 on 2/11 (BAE); 5 on 3/3 (BB). Karaka, 9 on 9/1 (DS). Kaituna Cut, 5 on 2/10, 13 on 24/3 (PCML). Westshore, 1 on 11/12 (JLM, MM); 2 on 24/1 (ACS, KVT). Manawatu RE, present from 22/10 to 17/3, max 7 on 4/3 (JLM, MM).

PECTORAL SANDPIPER *C. melanotos*

Karaka, 1 on 20/1 (DS). Westshore, 3 on 10/2 (ALH, JLL, KVT). Manawatu RE, 1 on 19/2 and 4/3 (JLM, MM). Waikanae, 1 on 12/1 (AJDT).

CURLEW SANDPIPER *C. ferruginea*

Parengarenga H, 18 on 29/10 (BHS, JHS). Karaka, 8 on 26/8, 1 or 2 looked brownish (KJF, AVS); 3 on 30/1 (BB, BJB, AJG). FoT census, summer 23 (BB). Access Bay, 1 on 13/7 (BC); c.50 on 25/3 (AVS); 6, of which 3 showed colour on 25/4 (BB, DGB). Kaituna Cut, 1 from 26/11 to 4/3 (WMH, PCML). Manawatu RE, 1 on 18/2 and 18/3 (JLM, MM).

RED-NECKED STINT *C. ruficollis*

Rangaunu H, 1 on 28/10. Parengarenga H, 11 on 29/10 (BHS, JHS). MH census, summer 35. FoT census, winter 1, summer 20 (BB). Karaka, 20 on 11/7 (TC); 51 on 24/3 (AH); 25 on 17/4 (AVS). Access Bay, 10 on 18/8 (BB, BAB); 21 on 29/10 (SD). Kaituna Cut, 2 on 6/8 (BHS, JHS); 16 on 14/11, 10 on 24/3 (PCML). Westshore, 5 on 24/11 (DA); 6 on 13/12. Manawatu RE, 1 during July to Sep, then 2 on 8/10, present until 23/4, max 4 on 14/1 and 18/3 (JLM, MM).

SANDERLING *C. alba*

Manawatu RE, 1 from 30/7 to 25/9 (LJD, JLM, MM).

PIED STILT *Himantopus himantopus leucocephalus*

Takou Bay, 9 on 11/2/83 (BS). Whangarei H survey, 418 on 3/3 (MPK). MH census, winter 3692, summer 1116. FoT census, winter 3344, summer 717 (BB). L Hakanoa, 4 on 28/7. Aotea H census, 49 on 17/6. Kawhia H census, 20 on 9/11, 268 on 17/6 (BHS). Te Kuiti, 4 kms south on State Highway 30, 5-7 pairs, 2 eggs on 8/11, 2 juv on 5/12. Te Kuiti SP, 60 on 10/7 (AMCD). Matahui Point, 425 on 14/8, 430 on 17/6. Omokoroa Golf Course, c.100 on 17/6 (PCML). Bowentown shellbanks, 19 on 17/6 (BC). Sulphur Point, 15 on 17/6. Hairini, 30 on 17/6 (AM). Kaituna Cut, c.300 on 17/3, 217 on 16/6. Maketu Lagoon, c.260 on 16/6. Little Waihi, c.40 on 16/6 (PCML). Westshore census, c.1013 on 3/3 (KVT). Wanganui R at Wanganui, c.180 on 10/3 (OCT). Marton Reservoir, 30 on 4/6 (BDH). Manawatu RE, 300 + on 5/5 (JLM, MM). Waikanae E, 188 on 29/1 (AJDT).

BLACK STILT *H. novaezeelandiae*

MH census, summer 1 (BB). Weymouth, 1 on 3/7 and 19/8 had white ring around bill (RC); 1 on 5/9 (AVS). Graham's B, 1 on 19/2 with white ring on face (KG). Miranda, 1 smudgy on 16/10 (RC, MJT). Kawhia H, Kinohaku, 1 from July to Aug (AMCD). Kawhia H census, 8 + 2 hybrids on 17/6 (BHS). Matahui Point, 2 on 2/7, 3 on 14/8 respectively, heavy speckled white on breast, face and belly; white undertail coverts and grey face smudge; totally black with grey smudge at bill base (BC). Manawatu RE, 1 smudgy hybrid on 20/8, 31/12, 14/1, 29/1 and 18/3 (JLM, MM). Waikanae E, 1 on 15/11/81, black apart from some white at base of bill and smudgy white on lower abdomen (AJDT).

WILSON'S PHALAROPE *Phalaropus tricolor*

Manawatu RE, 1 on 25/9 and 29/9 (RAC, SEC, LJD, JLM, MM).

POMARINE SKUA *Stercorarius pomarinus*

Kawau I, 1 on 2/4 (TGL). Tarata Point, FoT, 1 dark phase on 28/8 (BB).

ARCTIC SKUA *S. parasiticus*

Kawau I, 2 on 2/4 (TGL). Karaka, 1 on 23/1 (SD). Motutapu I, 1 light, 1 dark phase with 380 Fluttering Shearwaters on 18/2 (PB). Whakatane R mouth, 1 dark phase on 16/11. Whale I, 1 pale phase on 27/11 (WMH). Papamoa B, 5 dark phase working a large White-fronted Tern flock c.1 km offshore on 28/1 and 6/2 (PCML). Rangitaiki R mouth, 2 over beach harrying White-fronted Terns on 11/4 (RMW). Kairakau, 1 harrying a tern on 20/11. East Clive, 1 near nesting site of White-fronted Terns on 18/1 (KVT). Foxton B, 1 on 6/11, present 17/1 to 21/4, max 4 on 7/4 (JLM, MM). Kapiti I, singles often during summer (TGL).

BLACK-BACKED GULL *Larus dominicanus*

Rangaunu H, c.20 on 28/10, 1 juv (BHS, JHS). Takou Bay, 3 on 11/2/83 (BS). Waitotira, only seen at lambing time (TGL). Flax Point, Rangitoto I, 342 nests on 30/10 (DGB). MH census, winter 1024, summer 481. FoT census, winter 384, summer 510 (BB). Aotea H census, 10 on 9/11, 40 on 17/6. Kawhia H census, 55 on 9/11, 64 on 17/6 (BHS). Taharoa B, 80 on 17/3, breed on cliffs south of B. Marakopa, 30 on 8/5 (AMCD). Te Kuiti, 4 on 23/8, 1 on 27/12 (RG). Matakana I, c.500 pairs nesting at the south end and along the ocean beach sand dunes on 5/11 (BC, PCML). Waitangi

and Tuki Tuki E census, c.763 on 2/7. Westshore census, 185 on 3/3 (KVT). Waitotara R mouth, many nests with up to 3 eggs on 20/11 (DGM, JCM). Paraparaumu B, 1 eating a c.300 mm dogfish on 15/3. Kapiti I, first flying young seen on 12/1 (TGL).

RED-BILLED GULL *L. novaehollandiae scopulinus*

Rangaunu H, c.50 nesting on 28/10. Parengarenga H, 52 on 29/10, *Zostera* used as nesting material (BHS, JHS). Takou Bay, 5 on 11/2/83 (BS). MH census, winter 3850, summer 61. FoT census, winter 1369, summer 43(BB). Walton's Gap, Awhitu Peninsula, 500 + on 23/10 (JVD). Tairua, Paku Rock, c.240, 80-90 incubating on 28/9 (DGB). Opoutere, Hikinui Rock, 120 + breeding pairs on 23/12 (BB). Aotea H census, 1 on 9/11, 10 on 17/6. Kawhia H census, 64 on 9/11, 44 on 17/6 (BHS). Taharoa B, 36 on 17/3 (AMCD). Tarawera R mouth, c.450 at roost after feeding about Awaiti Wetlands on 3/7. Rangitaiki R mouth, c.800 on 3/7. Whakatane R mouth, c.150 on 7/8 (PCML). Tuki Tuki R, 220 on 2/7 (JMcF, M McF, JPCW). Westshore census, 247 on 3/3 (KVT). Wanganui R at Wanganui, 310 on 10/3 (OCT).

BLACK-BILLED GULL *L. bulleri*

FoT census, winter 57, summer 90 (BB). Access Bay, 60 displaying but no nests on 12/9 (BHS); 85 on 1/10 (BB, AJG); c.20 feeding 12 young, most not fully fledged, 1 downy chick on 21/1; Miranda, 20 on 12/9 (BHS). Kawhia H census, 15 on 17/6 (BHS). Matahui Point, 1 on 17/6. Little Waihi, 1 on 16/6. Tarawera R mouth, 2 subadults 3/7, 1 on 29/4 (PCML). East Clive, c.300 on 23/10. Westshore census, 227 on 3/3 (KVT). Turakina E, 6 on 28/1 (OCT). Horowhenua L, 180 on 4/2 (BDH); 80 on 1/4 (WRJ, MO).

WHITE-WINGED BLACK TERN *Chlidonias leucopterus*

Clive, 1 on 14/12 (JLM, MM). Waitangi, 1 imm on 27/1 (MTC, JLL, KVT). L Ratapiko, 1 hawking and being harassed by Welcome Swallows, later rested with Pied Stilts on 2/1 (LC). Manawatu RE, 1 imm from 24/1 to 23/6 (JLM, MM). Horowhenua L, 1 present from 27/1 to 30/6 (WRJ).

GULL-BILLED TERN *Gelochelidon nilotica*

Ahuriri, 2 on 20/8 (MTC, KVT); 1 on 25/3 (JLL, KVT); 1 on 30/6 (ARG, ALH, ACS, KVT). Westshore, 1 adult in summer plumage on 16/2 (JLM, MM).

CASPIAN TERN *Hydroprogne caspia*

Rangaunu H, 147, 3 imm, c.53 nests on 28/10 (BHS, JHS). Takou Bay, 3 on 11/2/83 (BS). Whangarei H survey, 5 on 3/3 (MPK). Mangawhai Spit, 97 nesting pairs on 19/11 suffered storm losses of eggs and chicks in early Dec, 24 pulli banded G-R/M on 19/11, 18/12 and 27/12 (MJT). South Kaipara Head, colony failed to establish Oct-Dec (DR). Tahuna-Torea, 28 incl. 1 juv banded at Mangawhai on 31/1 (MJT). Te Matuku Bay, Waiheke I, pair with 2 chicks on 5/11 (BS). MH census, winter 98, summer 74. FoT census, winter 208, summer 16 (BB). Karaka, 75 on 23/1 (SD). Access Bay, 106 on 17/6 (BB). L Waahi, 1 on 17/3 (PJA). Aotea H census, 9 on 9/11, 16 on 17/6 Kawhia H census, 11 on 9/11, 14 on 17/6 (BHS). Taharoa and Marakopa, 2 on most visits (AMCD). Bowentown Shellbanks, 2 attempts at nesting wiped out by storms; 35 on 17/6 (BC). Matahui Point, 14 on 26/11, 10 on 17/6. Matakana I, ocean beach colony 71 nests, 24 with 1 egg, 43 with 2 eggs, 4 with 3 eggs on 5/11 (PCML). Sulphur Point, 27 on 17/6 (KF, AM). Ohope Spit, colony had 24 eggs on 2/12 but was washed out by 6/1, except for 1 pair which had a nest with 1 egg in the midst of a White-fronted Tern colony (WMH). Tuki Tuki E, 24 on 2/7 (J McF,

M McF, JPCW). Westshore, 4 on 13/12 (JLM, MM). Porangahau, 2 and 1 pair with 3 half-grown chicks on 28/1 (FHB). Ahuriri census, 29 on 3/3 (KVT). Manawatu R at Longburn, 2 from 30/7 to 18/8, 1 on 13/9 (MKT). Manawatu RE, present in all months, maximum 35 on 3/3 (JLM, MM).

BLACK-FRONTED TERN *Sterna albostrata*

Tarawera R mouth, 1 on 3/7, first bird of the season on 15/4 (PCML); 16 on 9/6 (WMH). Rangitaiki R mouth 17 at roost with 20 feeding inland on 3/7 (PCML); first bird of season on 11/4 (RMW); 5 (4 adults, 1 young) on 29/4, 26 on 23/6 (PCML). Marine Parade B, Napier, 31 on 20/7. Waitangi, 75 including 13 hawking over sheep paddocks at Meeanee on 30/6 (PWT, MT). Manawatu R E, 1 adult on 19/5, 3 imm on 20/5 (JLM, MM). Waikanae E, 1 in full breeding plumage on 2/6. Kapiti I, 2 off Rangitira heading north on 4/5 (TGL).

COMMON TERN *S. hirundo*

Rangitaiki R mouth, 1 almost in breeding plumage with White-fronted Terns on 8/4 (BC, WMH, PCML).

COMMON/ARCTIC TERN *S. hirundo/paradisaea*

Manawatu R E, 1 on 5/5 (JLM, MM).

FAIRY TERN *S. nereis*

Mangawhai Spit and Te Arai Stream, 2 pairs on 27/12 (MJT); 1 pair which had a 2 egg nest on 27/12 and was defending 2 chicks on 22/1 (KRB). South Kaipara Head, 1 pair nesting on 19/12 (DR).

LITTLE TERN *S. albigrons*

Rangaunu H. 37 on 28/10 (BHS, JHS). Whangarei H survey, 7 on 3/3 (MPK). Karaka, 3 on 23/1 (SD). FoT census, summer 16 (BB). Miranda, 14 on 10/1 (DS). East Clive, 1 associated with a White-fronted Tern colony on 13/1 (PWT, MT); 1 on 29/4 (KVT). Waitangi, 2 on 27/5 (PWT, MT). Manawatu R E, 1 from 22/10 to 5/11, 2 from 6/11 to 18/3, 3 from 7/4 to 20/5, 1 until 2/6 (JLM, MM).

WHITE-FRONTED TERN *S. striata*

Rangaunu H, c.20 on 28/10 (BHS, JHS). Takou Bay, 20 on 11/2/83 (BS). MH census, winter 6, summer 404. FoT census, winter 118, summer 1034 (BB). Walton's Gap, Awhitu Pen, 50 on 23/10 (JVD). Access Bay, 450+ on 10/11 (BB, AJG); c.3000, with c.1400 on nests on 11/12 (BB, DGB); c.100 young, some adults possibly still brooding on 21/1 (BHS). Buffalo B, 5 on 27/8. Whangapoua, 50+ on 5/3. Matarangi B, 200+ on 6/3. Ring's B, 25 on 6/3. Tairua, 79 on 6/3 (BS). Papanui Point, 30 on 10/1 (RSL, LAL). Kawhia H census, 2 on 9/11 (BHS). Taharoa, 12 on 30/1, 150 on 17/3, 41 on 8/5, 300 on 3/6. Marakopa, 75 on 17/3, 21 on 8/5 (AMCD). Rangitaiki R mouth, 245, many in breeding plumage, on 6/8 (BHS, JHS); c.200 in 2 flocks with c.200 offshore on 5/5. Kaituna Cut, c.300 on 17/3 (PCML). Ohope Spit, nests with 47 eggs on 6/1 later spoiled by motorcyclists but c.7 chicks later in month. Waiaua R mouth, c.200 on 28/12, nesting colony on sandspit on 22/1 (WMH). Motu R mouth, c.100 pairs nesting on 3/11 (WMH, PCML). Mahoenui Hill, rocks offshore, c.150 pairs nesting on 3/11 (WMH). East Clive, 1000+ on 22/9 (ACS); began nesting on 23/10, site deserted by 13/11, 220 pairs renested 1 km south by 28/12, site vandalised and deserted by 18/1 (NPL, KVT). Marine Parade, Napier, 2 with yellow band on 17/5 (PWT, MT). Turakina E, 20 on 28/1 (OCT). Manawatu R E, 200 on 9/2 (JLM, MM).

GREY TERNLET *Procelsterna cerulea*

Stratford, Beaconsfield Rd, 1 dead on road on 8/3 (JM).

NEW ZEALAND PIGEON *Hemiphaga novaeseelandiae*

Northcote, regularly seen in patches of native bush 1983/84 (TGL). Raglan, 1 eating hoheria leaves on 12/8. Pirongia West Rd, 3 on 29/1. Rangitoto Ranges, 8 on 12/11 (BHS). Te Toto Gorge, 1 on 18/11 (RSL). Elsthorpe, 8 with 1 eating whole kowhai leaves on 20/11. Maraetotara, 7 on 15/4 (KVT).

BARBARY DOVE *Streptopelia risoria*

Hastings, 3 on 10/12 and singles on two later dates. Te Mata, 2 on 15/12. Havelock North, 2 on 16/2 (JLM, MM).

KAKAPO *Strigops habroptilus*

Little Barrier I, 1 booming at summit on 6/4 (GJE, DAR, IS); partly completed bowl of different bird near Bald Rock on 8/4 (DAR, IS).

WHITE COCKATOO *Cacatua galerita*

Kumeu, 8 on 22/8 and 2 on 29/4 (KMPF). Waiuku SF, 62 tape-recorded as they gathered on 21/8, regularly cross Waikato R to feed in pine forest (BB). Maoro, 90 on 6/2. Wairamarama, 53 on 14/8, 40 on 8/2 (DMW).

GALAH *Eolophus roseicapillus*

Mangatawhiri, 3 on maize stubble on 8/9 (BB).

KAKA *Nestor meridionalis*

Mahurangi West Pen, 4 present in Jan (MJT). Whitford, 1 on 2/9 (JVD). Eastern Kaimais Aongatete, heard on 4/1 (BHS, JHS). Eastern Tararua Ranges, 2 above Mitre Flats hut on 1/3 (RAC).

EASTERN ROSELLA *Platycercus eximius*

Auckland University, 1 calling from clock tower on 26/9 (SD). Cornwall Park, Auckland, 2 on 26/8 and on previous occasions (KMPF). Becoming common in South Auckland. Red Hill, Papakura, 14 feeding in ti-tree in winter (BB). L Hakanoa, 4 on 28/7 (BHS). Karakariki, c.8 in mid-Feb. Raglan, 3 in garden on 25/12 (RSL, LAL). Waitomo, Benneydale, Te Kuiti, Ahuroa, increasing (AMCD). Katikati district, becoming more common. Tuapiro, c.5 frequently in June (BC). Pohangina Valley, Totara Reserve, 2 on 28/8 (SEC, RAC). Foxton, Round Bush, 1 on 29/12 (JLM, MM). Levin area, Kimberley Rd, 12 on 9/5; Tangimoana Rd, 3 on 9/5 (WRJ, MO).

RED-CROWNED PARAKEET *Cyanoramphus novaeseelandiae*

Opuawhanga, 1 on 2/2 (JFS). Little Barrier I, 3 feeding on *Pittosporum umbellatum* flowers on 4/8. Little Ohena I, a few on 5/7. Stanley I, common on 4/7. Kapiti I, nesting inside a hollow *Olearia* in a site previously used by a Saddleback, Jan (TGL).

YELLOW-CROWNED PARAKEET *C. auriceps*

Little Barrier I, several in *Leptospermum* forest 3 to 8/8 (TGL).

SHINING CUCKOO *Chrysococcyx lucidus*

Opuawhanga, first call heard 24/9 (JFS). Waiotira, first heard 1/10, many by 4/10. Cuvier I, several fledglings 14-24/2, one begging from a Bellbird but ignored (TGL). Whangamarino wetland, first full song on 28/9 (PJA). Matangi, first song on 2/10 (BJZ). Hamilton, 1 catching caterpillars off a grape vine on 2/3 (FN). Raglan, 2 on 10/3 (RSL, LAL). Te Kuiti, much fewer this year (AMCD). Rangitoto Ranges, 1 on 12/11 (BHS). Mt Maunganui, Arataki, 1 on 19/1 (AM). Whakatane R mouth, 1 on 22/11. Omaio Domain,

1 on 3/11. Motu and Raukokore R mouths, 1 each on 3/11 (WMH). Gwavas Homestead, Hawke's Bay, 1 heard on 30/10. Elsthorpe, 1 heard on 20/11 (KVT). New Plymouth, first heard on 29/9 (JCM). Te Popo, first heard on 24/9 (JM). Shannon, Law's Hill, 6 in manuka and pines on 18/9 (RL). Kapiti I, last call on 9/2 (TGL).

LONG-TAILED CUCKOO *Eudynamis taitensis*

Opuawhanga, 1 on 5/2 (JFS). Little Barrie: 1, last birds heard on 3/4. Cuvier I, 1 between 14 and 24/2 (TGL). Otakauke Bay, Waiheke I, 1 calling all day on 22/11 (BS). Half Moon Bay, Auckland, 1 of the year killed by a cat on 31/3 (BAE). Rangitoto Ranges, 2 on 12/11 (BHS). Otanewainuku, 1 flying and many calling on 23/12, 1 calling and searching for food under the canopy near the summit on 2/1 (PCML). Bellbird Bird, 1 on 3/12 (NPL, ACS, KVT). Black Birch Range, 2 on 18/12 (ARG). New Plymouth, 1 in suburb on 19/2, 1 dead on 18/3 (DGM). Egmont NP, Pouakai Ranges, 2 heard on 22/1 and 19/2 (RWW). Wanganui River Valley, Atene Walkway, 1 heard on 26/2 (RAC, SEC). Kapiti I, first young on 8/2, last heard on 27/3 (TGL).

MOREPORK *Ninox novaeseelandiae*

Matakohe, 1 on 9/11 sitting on a ponga at 11.30 a.m. (JFS). Hamilton, 1 with broken wings on roadside on 30/5 (FN). Rangioru, 1 dead on 16/6 (PCML). Patoka, 1 killed after hitting window on 12/7 (NBM). Foxton, Round Bush, 1 in response to taped calls on 29/12 and 24/1 (JLM, MM).

FORK-TAILED SWIFT *Apus pacificus*

Napier, 2 on 2/7 (PWT, MT).

NEW ZEALAND KINGFISHER *Halcyon sancta vagans*

Whananaki, 35 on 31/5 (JFS). Westshore census, 26 on 2/7 (KVT).

RIFLEMAN *Acanthisitta chloris*

South West Pirongia, 2 on 3/3 (RSL, LAL). Rangitoto Ranges, Cowan Reserve, 2 family groups each of 2 adults feeding 3 young mid-Jan (RWD). Rangitoto Ranges, 1 pair on 12/11 (BHS). Mohi Bush Maraetotara, 8+ on 15/4 (FHB, PWT, MT). Triplex Creek, 6 on 25/2 (ARG).

SKYLARK *Alauda arvensis*

Waitangi, Hawkes Bay, 1 prolonged trilling on 25/12 (KVT).

WELCOME SWALLOW *Hirundo tahitica neoxena*

Moturoa I, Bay of Islands, nesting in old gun emplacements, fledglings nearby on 29/10. Cuvier I, nesting in sea caves (TGL). Pirongia West Rd, 6 on 29/1 (BHS). Te Kuiti SP, 150 on 19/12 (AMCD). Esk R, c.400 roosting in 6 m high willows on 22/1 (ALH, MAR, ACS). Oingo L, c.1000 hawking before roosting in raupo on 27/1 (JGH, RMH).

NEW ZEALAND PIPIT *Anthus novaeseelandiae*

Maio, 5 together in two places during beach patrol on 15/4 (BB). Pirongia West Rd, 2 on 29/1 (BHS). Kawhia H census, 11 on 17/6 (FN, BHS). Benneydale, Rangitoto, Te Anga Waitomo Rd, present (AMCD). Mangorewa Gorge, Kaharoa, 2 on 30/7. Kaimai Summit, 1 on 28/8. Kaituna Wildlife Refuge, 1 on 6/8. Kaituna Cut, 1 on 17/3 (PCML). Katikati, Saphire Springs, 1 on 4/3 (BC). Raukokore R mouth, 2 on 4/11. Whangaparaoa B, 4 on 4/11 (WMH). Te Awanga, 3 on 14/12 (JLM, MM). Upper Esk, 20+ on 28/1 (ARG).

DUNNOCK *Prunella modularis*

Moturoa I, Bay of Islands, common on 29/10 (TGL). Red Hill, Papakura, 1 singing regularly in garden of new house (BB). Hamilton, calling by end of Aug (PJA). Hastings, 1 eating porridge bits on 26/8 (KVT).

FERNBIRD *Bowdleria punctata*

Rawene, 3 on 22/3/83 (JFS). Mamaku, several calling on 14/4 (TGL). Whangamarino, 1 seen, 8 heard on 10/9 (JVD). Taharoa, Waiohipa Stream, 1 in swamp on 25/6. Mangaokewa SF, relatively common in 4-year-old pines on 2/4 (RG). Ohiwa H, Wainui Rd, 1 on 19/6. Kaituna Wildlife Refuge strong population 6/8 (PCML). Koitiata L, several calling from lupins at lake edge on 1/4 (GRS).

Correction to CSN 30/6/82 to 30/6/83; Records beginning "Egmont NP, 12 near Lake Dive on 30/10 . . ." to "Kaitake Ranges, 11 on 30/1 (RWW)." all refer to the Whitehead.

WHITEHEAD *Mohoua albicilla*

Mamaku, a few still in cutover forest but none in young pines (TGL). Pirongia West Rd, heard on 29/1. Rangitoto Ranges, 17 on 12/11 (BHS). Tawarua SF, 3 scolding a Long-tailed Cuckoo on 3/1 (PCM). Eastern Kaimais, Wharawhara Rd track, heard on 1/1 (BHS, JHS). Otanewainuku, good numbers on 23/12. Mangorewa Gorge, Kaharoa, 6 with Silvereyes on 30/7 (PCML). Triplex Creek, 1 seen others heard on 14/11 (JPCW). Te Arika, 4 on 26/11 (ARG). Boundary Stream Reserve, 2 on 3/12 (KVT). Egmont NP, 12 near Lake Dive on 30/10/82 (R Zuur); several near Holly Hut on 2/2/83 (AAB). Waiwakaiho — Mangaoraka Tracks, N Egmont, 9 on 20/2/83. Kaitake Ranges, 11 on 30/1 (RWW). Pukeiti Rhododendron Trust, 1 on 2/1. Waiwakaiho R, 4 feeding on seeding kamahi on 8/1 (DGM, JCM). Pouakai Ranges, common in kamahi forest on 22/1. Kaitake Ranges summit, several heard on 29/1 (RWW). Kapiti I, 1 fledgling on 13/11 (TGL).

GREY WARBLER *Gerygone igata*

Pirongia West Rd, 8 on 29/1. Rangitoto Ranges, 4 on 12/11 (BHS). Bellbird Bush, common on 3/12. Mohi Bush, Maraetotara, common on 15/4 (KVT).

FANTAIL *Rhipidura fuliginosa*

South West Pirongia, 1 black on 3/3 (RSL). Waitomo, Tumutumu Rd, 1 black in April (AMCD). Mohi Bush, Maraetotara, 8 on 15/4 (CFM). White Pine Bush, c.8 on 12/5 (KVT). Kapiti I, only 2 black phase seen in three summers (TGL).

PIED TIT *Petroica macrocephala toitoi*

Te Toto Gorge, c.6 on 15/12. South West Pirongia, 8 on 3/3 (RSL). Pirongia West Rd, 1 on 29/1. Rangitoto Ranges, 12, and 1 pair feeding young in nest in ponga, on 12/11 (BHS). Matakana I, north end, 1 cock in pine forest on 25/11 (BC). Mangorewa Gorge, Kaharoa, 5 cocks feeding along riverbed, 1 was dropping from branch into a small pool to wash and drink, 3 times in 5 minutes on 30/7 (PCML). Bellbird Bush, c.6 on 3/12 (KVT). White Pine Bush, 1 pair in exotic forest on 12/5 (RMH, CFM). Wanganui River Valley, Atene Walkway, 21 seen at intervals along track on 26/2 (RAC, SEC).

NORTH ISLAND ROBIN *P. australis longipes*

Moturoa I, Bay of Islands, 1 surviving on 29/10 6 months after 6 birds were transferred from Rotorua district. Little Barrier I, singing strongly on

4/8. Mamaku, very common in cutover forest but absent from nearby pines on 13/4 (TGL). Kaimai foothills, Rapurapu Stream, 7 along 3 km bush track on 14/3 (FN, BHS, MS). Rangitoto Ranges, 1 on 12/11 (BHS). Mangorewa Gorge, Kaharoa, 1 cock singing on 30/7. Otanewainuku, plentiful all visits during the year (PCML). Wanganui River Valley, Atene Walkway, 2 heard on 26/2 (RAC, SEC). Kapiti I, fledging at end of first week of Nov (TGL).

SONG THRUSH *Turdus philomelos*

Hamilton, first song on 17/4 (PJA).

BLACKBIRD *T. merula*

Hamilton, first song on 21/7 (PJA). Te Kuiti, first song attempt on 6/8 (RG). Hastings, dawn song on 30/5, 3 males and 1 female bathing in puddle on 4/6 (KVT).

SILVEREYE *Zosterops lateralis*

Hastings, 14 feeding at syrup dish on 20/8. Mohi Bush Maraetotara, noisy flocks on 15/4 (KVT).

STITCHBIRD *Notiomystis cincta*

Cuvier I, present on 4/7. Little Barrier I transfers now breeding and a number of independent juveniles recorded (MED, TGL, CRV). Kapiti I, 30 Little Barrier I transfers released on 11/8 and during 1983/84 summer 7 colour-banded birds found, 2 males, 5 females, 4 of which are known to have bred; 1 fledgling 1 day out of nest attacked by a male Bellbird on 26/3 (TGL).

BELLBIRD *Anthornis melanura*

Stanley I, present on 4/7. Little Ohena I, a few on 5/7. The birds in the Mercury Group have a curious rattling call like some of the Fiji Wattled Honeyeaters (TGL). Waharau Reserve, 1 in school camp on 28/8, and during circuit of track from sea level into bush a small population was found (BB). Mt Karioi No. 2 summit, 2 on 15/12 (RSL). Pirongia West Rd, 4 on 29/1. Rangitoto Ranges, 6 on 12/11 (BHS). New Plymouth, Barrett Lagoon, 2 on 9/10 (DGM); Pukekura Park, 1 feeding young on 16/1 (JM); seldom seen (DGM). Wanganui, Virginia Lagoon, 1 heard on 20/1 (JLM, MM).

Kapiti I, a nest in a cavity of a rocky bank on 25/12, nestlings fed on a diet which appeared to consist entirely of invertebrate material; 2 chicks fledged despite threat of predation by wekas and Norway rats; first fledglings heard on 31/12 (TGL).

TUI *Prosthemadera novaeseelandiae*

Opuawhanga, 1 feeding 2 juv. on 2/12 (JFS). Waitakere Ranges, a partial albino on 29/10 remained in area over some weeks (BAE, JES). Waharau Reserve, 14 all silent on 28/8 (AJG). Kawakawa Bay, 50+ feeding on kowhais on 25/9, not uncommon for hundreds to be present (BB). Pirongia West Rd, 6 on 29/1. Rangitoto Ranges, 4 on 12/11 (BHS). Te Kuiti, absent from Ailsa St during March (RG). Mohi Bush, 8 on 15/4 (MTC, BMT). White Pine Bush, 3 on 12/5 (KVT).

YELLOWHAMMER *Emberiza citrinella*

Waiotira, first "cheese" song on 3/10 (TGL). Kaituna Wildlife Refuge, 2 flocks of 100+ in harrowed and disced ground on 6/8 (PCML). Hawke's Bay, large flocks in winter (KVT).

CHAFFINCH *Fringilla coelebs*

Auckland Domain, first song on 28/7 (TGL). Te Kuiti, first song on 16/7 (RG). Kaharoa, 2 flocks, c.50 in rank growth in bush clearing on 18/3 (PCML).

GREENFINCH *Carduelis chloris*

Albert Park, Auckland, harsh buzzing calls heard in oak trees on 21/9. Similar calls at Waiotira on 29/9 (TGL). Hamilton, 20 feeding on sunflower seedhead in Jan/Feb (FN). Haumoana, c.80 feeding on seeds of wild beet and shore convolvulus on 29/4 (KVT).

GOLDFINCH *C. carduelis*

Ahuriri, c.600 feeding in grass paddock on 25/3 (KVT). Foxton, 1000+ on waste ground at Wharfe Rd in Aug (JLM, MM).

REDPOLL *C. flammea*

Hastings, 1 at syrup dish on 6/7, 1 on 16/8 (KVT).

STARLING *Sturnus vulgaris*

Hamilton, all in winter plumage by 7/3 (PJA). Hastings, 1 with large hooked bill on 17/1 (KVT).

INDIAN MYNA *Acridotheres tristis*

Wanganui, 1 on 20/1 (JLM, MM).

NORTH ISLAND SADDLEBACK *Philesturnus carunculatus rufusater*

Motukawanui I, a survey between 21 and 23/4 gave a total of 21, of which 12 were locally bred from the 1983/84 season (MED, PFJ, TGL). Little Barrier I, 50 transferred from Cuvier I on 26/2, 25 seen again between 2 and 9/4 (MED, TGL, CRV). Stanley I, now at least 200 birds, 9 of the 24 released 7 years ago still alive (MED, PFJ, TGL). Kapiti I, some locally bred males continuing to sing mimicked copies of Tui alarm notes 1983/84 season; some Morepork predation; a male and 3 juv mobbing a Morepork on 30/1 (TGL).

NORTH ISLAND KOKAKO *Callaeas cinerea wilsoni*

Little Barrier I, 4 adults and 1 juv all above 450 m elevation between 3 and 8/4; the juv. was the first for the I (TGL). Hunua Ranges, Kohukohunui Track, 5 heard on 27/11 (JVD). Coromandel Pen, Golden Cross, 2 seen, 1 heard making an unusual churring noise on 2/12 (CS, GS). Pirongia West Rd, heard on 29/1 (BHS). Pareora, 1 mewing and moving through pines at Fletchers Rd on 26/10; census of Pikiariki Bush, 8 pairs and 9 singles in Jan (RG). Rangitoto Ranges, Meyer Block, 2 on 26/4 (PJA). Kararoa, Aislabie Block, 3 in full song, nest in ponga on 18/3 (PCML). Waitaanga Ranges Saddle, 1 seen, 2 heard on 28/8 (RWW, TPB).

BLACK-BACKED MAGPIE *Gymnorhina tibicen tibicen*

Te Kuiti airport, 2 with 12 White-backed Magpies on 30/6 (AMCD). Mangleton, 1 attacking a stoat on 6/4 (REW).

ROOK *Corvus frugilegus*

Takapau, c.200 in ploughed field on 25/4 (KVT). Dannevirke, c.20 on 17/12 (JLM, MM).

Corvus sp.

Waikanae E, an all-black corvid flying inland on 2/5 (TGL).